

Table.S4 Original HTS data sets for mRNAs, lncRNAs and miRNAs

id	logFC	logCPM	PValue	FDR	GeneSymbol	KO
ENSG00000120738	-8.697006	5.758244	6.56E-17	3.79E-12	EGR1	K09203
ENSG00000125740	-6.777072	6.596969	8.26E-15	2.39E-10	FOSB	K09029
ENSG00000170345	-5.936364	8.032833	3.55E-13	6.84E-09	FOS	K04379
ENSG00000133247	5.807581	9.677545	4.97E-13	7.18E-09	SUV420H2	K11429
ENSG00000264063	5.841717	3.602726	9.35E-11	1.08E-06	MIR3687	-
ENSG00000264462	5.326716	3.450118	7.36E-10	7.09E-06	MIR3648	-
ENSG00000139318	-5.600219	3.327065	3.20E-09	2.64E-05	DUSP6	K04459
ENSG00000118523	-4.244039	5.235228	3.92E-08	0.000283	CTGF	K06827
ENSG00000259884	-6.068432	2.34902	5.46E-08	0.000351	RP11-1100L3.8	-
ENSG00000177606	-3.700662	7.245693	4.30E-07	0.002484	JUN	K04448
ENSG00000185633	3.267867	4.582454	8.15E-06	0.040627	NDUFA4L2	K03948
ENSG00000105141	3.656326	2.563451	8.44E-06	0.040627	CASP14	K04401
ENSG00000172927	-3.855786	2.424798	1.36E-05	0.060534	MYEOV	-
ENSG00000107159	3.169387	4.123207	1.63E-05	0.06721	CA9	K01672
ENSG00000103888	3.792367	1.770133	1.79E-05	0.068799	KIAA1199	K19031
ENSG00000169247	-3.58845	1.538828	0.000228	0.76169	SH3TC2	-
ENSG00000143847	2.876429	2.273319	0.000229	0.76169	PPFIA4	-
ENSG00000136244	-2.594806	5.386732	0.000237	0.76169	IL6	K05405
ENSG00000271334	-4.437644	0.923403	0.000278	0.763163	CTD-2078B5.2	-
ENSG00000111684	2.638303	3.466878	0.000281	0.763163	LPCAT3	K13515
ENSG00000090539	2.628442	3.667742	0.00029	0.763163	CHRD	K04657
ENSG00000137411	7.525734	-0.201984	0.000291	0.763163	VAR2	K01873
ENSG00000168398	4.176532	0.210671	0.000385	0.967705	BDKRB2	K03916
ENSG00000212296	-7.623848	0.430946	0.000622	1	SNORD72	-
ENSG00000183668	2.782004	1.563753	0.00064	1	PSG9	K06500
ENSG00000135919	-2.349955	5.336969	0.000782	1	SERPINE2	K16643
ENSG00000259001	-2.39362	3.729735	0.000983	1	RPPH1	-
ENSG00000171617	-3.635757	1.077053	0.001	1	ENC1	K10462
ENSG00000104419	2.238523	9.15477	0.00106	1	NDRG1	K18266
ENSG00000162006	2.350925	3.135771	0.001205	1	MSLNL	-
ENSG00000147400	2.356563	3.048054	0.00124	1	CETN2	K10840
ENSG00000130558	2.583425	1.78425	0.00125	1	OLFM1	-
ENSG00000099998	-3.174474	1.195342	0.001348	1	GGT5	K18592
ENSG00000102221	-6.975945	-0.09654	0.001409	1	JADE3	-
ENSG00000185955	4.284764	-0.498289	0.001409	1	C7orf61	-
ENSG00000229869	4.284764	-0.498289	0.001409	1	RP11-363N22.2	-
ENSG00000270141	4.284764	-0.498289	0.001409	1	TERC	-
ENSG00000271855	4.284764	-0.498289	0.001409	1	RP11-214N9.1	-
ENSG00000124102	-2.866892	1.588263	0.001545	1	PI3	-
ENSG00000127528	-2.395977	3.041663	0.001624	1	KLF2	K17845
ENSG00000258486	2.191572	4.555525	0.001657	1	RN7SL1	-
ENSG00000127129	2.346137	2.553597	0.001661	1	EDN2	K16367
ENSG00000118160	3.837144	-0.075214	0.001744	1	SLC8A2	K05849
ENSG00000267909	3.837144	-0.075214	0.001744	1	CCDC177	-
ENSG00000165449	-3.983834	0.548515	0.001774	1	SLC16A9	K08186
ENSG00000142871	-2.12509	9.574213	0.001806	1	CYR61	K06829
ENSG00000214049	2.574721	1.496551	0.001831	1	UCA1	-
ENSG00000111348	-2.512138	2.203	0.001909	1	ARHGDI1	K12462
ENSG00000166866	-6.906128	-0.151709	0.001996	1	MYO1A	K10356
ENSG00000267102	-6.906128	-0.151709	0.001996	1	RP11-686D22.7	-
ENSG00000148677	-2.443119	2.496856	0.002132	1	ANKRD1	-
ENSG00000248323	2.32121	2.240121	0.002347	1	LUCAT1	-
ENSG00000119922	-2.07312	7.342721	0.002393	1	IFIT2	-
ENSG00000183604	-2.360795	2.622775	0.002637	1	RP11-347C12.2	K08873
ENSG00000197561	3.073855	0.1776	0.002812	1	ELANE	K01327
ENSG00000101230	-6.755461	-0.26948	0.002864	1	ISM1	-

ENSG00000102271	-6.755461	-0.26948	0.002864	1 KLHL4	K10442
ENSG00000122877	-6.755461	-0.26948	0.002864	1 EGR2	K12496
ENSG00000181773	-2.681576	1.67202	0.002897	1 GPR3	K04311
ENSG00000168497	-2.956987	1.019106	0.00342	1 SDPR	K19387
ENSG00000132938	2.524765	1.235391	0.003561	1 MTUS2	-
ENSG00000272240	2.986824	0.11002	0.003568	1 RP5-855D21.1	-
ENSG00000244405	-1.999542	5.36455	0.003709	1 ETV5	K15593
ENSG00000078401	-2.097854	3.4481	0.003938	1 EDN1	K16366
ENSG00000105929	-2.375526	1.800058	0.004333	1 ATP6V0A4	K02154
ENSG00000137801	-1.960391	5.185914	0.004581	1 THBS1	K16857
ENSG00000265749	-2.897075	0.971111	0.00475	1 RP11-849F2.5	-
ENSG00000139289	-1.946287	5.278541	0.00483	1 PHLDA1	K15696
ENSG00000057149	2.014816	3.340603	0.004912	1 SERPINB3	K13963
ENSG00000081041	-2.081853	3.095187	0.005032	1 CXCL2	K05505
ENSG00000200534	-2.447645	1.484869	0.005074	1 SNORA33	-
ENSG00000172379	1.902223	5.761522	0.005234	1 ARNT2	K15589
ENSG00000228799	3.517172	-0.326535	0.005479	1 AC113607.2	-
ENSG00000165887	-2.036709	3.263776	0.005654	1 ANKRD2	-
ENSG00000177685	2.52509	0.489568	0.00576	1 EFCAB4A	K17199
ENSG00000101276	2.894204	0.039653	0.005837	1 SLC52A3	K17985
ENSG00000088827	6.625678	-0.938041	0.006149	1 SIGLEC1	K06548
ENSG00000262652	6.625678	-0.938041	0.006149	1 RP13-638C3.2	-
ENSG00000099251	-6.495095	-0.468486	0.006149	1 HSD17B7P2	K13373
ENSG00000198237	-6.495095	-0.468486	0.006149	1 RP11-98J23.2	K01195
ENSG00000206885	-6.495095	-0.468486	0.006149	1 SNORA75	-
ENSG00000228323	-6.495095	-0.468486	0.006149	1 AC008753.6	-
ENSG00000253130	-6.495095	-0.468486	0.006149	1 CTD-3023L14.2	-
ENSG00000188517	3.829323	-0.831149	0.006149	1 COL25A1	K16617
ENSG00000196337	3.829323	-0.831149	0.006149	1 CGB7	-
ENSG00000198074	3.829323	-0.831149	0.006149	1 AKR1B10	K00011
ENSG00000260139	3.829323	-0.831149	0.006149	1 CSPG4P13	K08115
ENSG00000223401	2.341458	0.835963	0.006382	1 RP11-211G3.2	-
ENSG00000216775	2.26226	1.246239	0.006447	1 RP1-152L7.5	-
ENSG00000104043	1.907971	3.529101	0.006583	1 ATP8B4	K01530
ENSG00000170848	2.344655	1.092615	0.006733	1 PSG6	K06500
ENSG00000266651	-2.162959	2.166562	0.00675	1 RP11-138I1.3	-
ENSG00000225431	1.925387	3.111864	0.00737	1 AP001626.1	-
ENSG00000259621	3.392529	-0.419302	0.007447	1 RP11-654A16.1	-
ENSG00000131018	-3.611481	0.250392	0.007531	1 SYNE1	K19326
ENSG00000207445	-3.611481	0.250392	0.007531	1 SNORD15B	-
ENSG00000234614	3.190993	-0.092839	0.007531	1 AL450992.2	-
ENSG00000187678	-2.735416	0.842862	0.007925	1 SPRY4	K17385
ENSG00000107731	1.886617	3.196417	0.008033	1 UNC5B	K07521
ENSG00000231924	1.880489	3.434867	0.00828	1 PSG1	K06500
ENSG00000269399	2.28276	0.791669	0.008737	1 CTD-3222D19.7	-
ENSG00000202314	-2.427456	1.236582	0.008776	1 SNORD6	-
ENSG00000143512	1.856236	3.541112	0.008778	1 HHIPL2	-
ENSG00000175832	-1.790744	5.222372	0.008987	1 ETV4	K15592
ENSG00000268927	-6.396701	-0.542071	0.009224	1 FLJ00418	-
ENSG00000272512	2.064057	1.672039	0.00941	1 RP11-54O7.17	-
ENSG00000171522	-1.845386	3.488854	0.009698	1 PTGER4	K04261
ENSG00000119917	-1.745832	6.931421	0.009767	1 IFIT3	K17985
ENSG00000196409	-3.501164	0.163959	0.009775	1 ZNF658	K09228
ENSG00000102575	2.688957	-0.110405	0.009775	1 ACP5	K14379
ENSG00000204052	2.245399	1.016359	0.010042	1 LRRC73	-
ENSG00000185745	-1.735871	7.157495	0.010135	1 IFIT1	K14217
ENSG00000254772	1.803498	3.692464	0.010201	1 EEF1G	K03233
ENSG00000112511	2.590503	0.334087	0.010331	1 PHF1	K11467

ENSG00000240583	2.37374	0.377362	0.010331	1 AQP1	K09864
ENSG00000173702	1.94625	1.889519	0.010333	1 MUC13	K17298
ENSG00000104081	1.84681	2.846423	0.010345	1 BMF	K17460
ENSG00000204949	2.030568	1.713235	0.010635	1 FAM83A-AS1	-
ENSG00000181143	1.748698	4.130725	0.011175	1 MUC16	K16145
ENSG00000196549	-2.628943	0.75944	0.011294	1 MME	K01389
ENSG00000215021	-2.628943	0.75944	0.011294	1 PHB2	K17081
ENSG00000175592	-1.755012	4.515068	0.011325	1 FOSL1	K04502
ENSG00000214274	1.815473	2.822484	0.011778	1 ANG	-
ENSG00000265150	1.75963	3.703117	0.01196	1 RN7SL2	-
ENSG00000079337	-1.876778	2.82133	0.012065	1 RAPGEF3	K08014
ENSG00000178033	-3.381708	0.071438	0.012767	1 FAM26E	-
ENSG00000221491	-3.381708	0.071438	0.012767	1 SNORA34	-
ENSG00000181634	-2.005399	1.803191	0.013893	1 TNFSF15	K05478
ENSG00000110436	6.435118	-1.075553	0.014079	1 SLC1A2	K05613
ENSG00000184825	6.435118	-1.075553	0.014079	1 HIST1H2AH	K11251
ENSG00000221826	6.435118	-1.075553	0.014079	1 PSG3	K06500
ENSG00000248576	6.435118	-1.075553	0.014079	1 RP11-834C11.8	-
ENSG00000181333	-6.291103	-0.619978	0.014079	1 HEPHL1	-
ENSG00000205861	-6.17716	-0.702741	0.014079	1 C1QTNF9B-AS1	-
ENSG00000228360	-6.17716	-0.702741	0.014079	1 RP11-365F18.1	K02921
ENSG00000243777	-6.17716	-0.702741	0.014079	1 RP11-864G5.1	K02991
ENSG00000258424	-6.17716	-0.702741	0.014079	1 RP11-471B22.2	-
ENSG00000265590	-6.17716	-0.702741	0.014079	1 AP000275.65	-
ENSG00000112137	3.638763	-0.958503	0.014079	1 PHACTR1	-
ENSG00000132357	3.638763	-0.958503	0.014079	1 CARD6	K12797
ENSG00000172482	3.638763	-0.958503	0.014079	1 AGXT	K00830
ENSG00000199094	3.638763	-0.958503	0.014079	1 MIR30C2	-
ENSG00000271267	3.638763	-0.958503	0.014079	1 RP11-29H23.7	K02130
ENSG00000135744	3.256091	-0.51742	0.014146	1 AGT	K09821
ENSG00000196415	2.147427	0.82254	0.014761	1 PRTN3	K01350
ENSG00000186832	1.650935	5.489847	0.015104	1 KRT16	K07604
ENSG00000166863	-2.29295	1.131813	0.015186	1 TAC3	K05240
ENSG00000196407	2.138808	0.936477	0.015186	1 THEM5	-
ENSG00000198794	2.138808	0.936477	0.015186	1 SCAMP5	-
ENSG00000120129	-1.626859	8.517028	0.015303	1 DUSP1	K04459
ENSG00000099834	2.508425	0.27324	0.015514	1 CDHR5	K16505
ENSG00000135519	2.508425	0.27324	0.015514	1 KCNH3	K04906
ENSG00000186019	2.291662	0.318378	0.015514	1 AC084219.4	-
ENSG00000105341	1.833944	2.058738	0.015955	1 ATP5SL	-
ENSG00000200087	-2.037469	1.536445	0.016233	1 SNORA73B	-
ENSG00000167701	1.793445	2.360514	0.016382	1 GPT	K00814
ENSG00000108018	1.951434	1.44404	0.016397	1 SORCS1	-
ENSG00000260822	1.77203	2.551949	0.016576	1 GS1-358P8.4	-
ENSG00000272256	-3.318053	0.022615	0.016783	1 RP11-489E7.4	-
ENSG00000206176	2.969997	-0.256746	0.016783	1 AC023490.1	-
ENSG00000143546	2.574232	-0.190662	0.016783	1 S100A8	-
ENSG00000269959	2.574232	-0.190662	0.016783	1 SPACA6P-AS	-
ENSG00000173237	1.628509	5.060519	0.01681	1 C11orf86	-
ENSG00000039068	2.24017	0.616352	0.01681	1 CDH1	K05689
ENSG00000174332	2.24017	0.616352	0.01681	1 GLIS1	K09232
ENSG00000163293	-1.811221	2.361257	0.017284	1 NIPAL1	-
ENSG00000179988	-2.235428	1.08745	0.017485	1 PSTK	K10837
ENSG00000142910	-1.614795	5.305006	0.017941	1 TINAGL1	-
ENSG00000174374	-1.994508	1.503632	0.018081	1 WBSCR16	K16535
ENSG00000185686	1.640957	3.642271	0.018163	1 PRAME	-
ENSG00000128242	2.484987	0.022663	0.018258	1 GAL3ST1	K01019
ENSG00000264577	-1.707655	3.010315	0.018294	1 AC010761.8	-

ENSG00000206073	1.810299	1.8945	0.01835	1 SERPINB4	K13963
ENSG00000136738	1.703005	2.682006	0.019202	1 STAM	K04705
ENSG00000150995	1.567784	6.989814	0.019566	1 ITPR1	K04958
ENSG00000187608	-1.561295	9.550716	0.019606	1 ISG15	K12159
ENSG00000117525	-1.589812	5.121864	0.019663	1 F3	K03901
ENSG00000102158	1.642802	3.493818	0.019713	1 MAGT1	K19478
ENSG00000115828	3.105388	-0.621547	0.019787	1 QPCT	K00683
ENSG00000172602	3.105388	-0.621547	0.019787	1 RND1	K07531
ENSG00000196604	3.105388	-0.621547	0.019787	1 POTEF	K17299
ENSG00000227471	2.022342	0.732391	0.020078	1 AKR1B15	K00011
ENSG00000215190	-2.205784	1.064693	0.020166	1 LINC00680	-
ENSG00000130477	-1.691448	3.217489	0.020193	1 UNC13A	K15293
ENSG00000107554	1.563037	5.403846	0.02092	1 DNMBP	-
ENSG00000187720	-1.587463	4.405372	0.021227	1 THSD4	-
ENSG00000117289	1.540569	7.07241	0.021637	1 TXNIP	-
ENSG00000156097	6.215502	-1.225459	0.0219	1 GPR61	K08414
ENSG00000226958	6.215502	-1.225459	0.0219	1 CTD-2328D6.1	K01979
ENSG00000241781	6.215502	-1.225459	0.0219	1 AL161626.1	-
ENSG00000259524	6.215502	-1.225459	0.0219	1 RP11-461F11.1	-
ENSG00000271948	6.215502	-1.225459	0.0219	1 RP11-242F4.2	-
ENSG00000100298	-6.05344	-0.790999	0.0219	1 APOBEC3H	K18750
ENSG00000109452	-6.05344	-0.790999	0.0219	1 INPP4B	K01109
ENSG00000118194	-6.05344	-0.790999	0.0219	1 TNNT2	K12045
ENSG00000233538	-6.05344	-0.790999	0.0219	1 AC017104.2	K02927
ENSG00000270332	-6.05344	-0.790999	0.0219	1 RP11-82L2.1	-
ENSG00000118946	3.419147	-1.096319	0.0219	1 PCDH17	K16499
ENSG0000026025	-1.419147	-1.096319	0.0219	1 VIM	K07606
ENSG00000159307	3.419147	-1.096319	0.0219	1 SCUBE1	-
ENSG00000176771	3.419147	-1.096319	0.0219	1 NCKAP5	-
ENSG00000234630	3.419147	-1.096319	0.0219	1 LL22NC03-2H8.4	-
ENSG00000235523	3.419147	-1.096319	0.0219	1 RP11-63P12.7	-
ENSG00000236090	3.419147	-1.096319	0.0219	1 LDHAP3	K00016
ENSG00000244480	3.419147	-1.096319	0.0219	1 AC005154.7	K17985
ENSG00000260100	3.419147	-1.096319	0.0219	1 RP11-220I1.5	-
ENSG00000261227	3.419147	-1.096319	0.0219	1 AC140912.1	-
ENSG00000163131	-1.878556	1.706537	0.021972	1 CTSS	K01368
ENSG00000172123	-1.71013	2.694692	0.022191	1 SLFN12	-
ENSG00000204311	-3.25146	-0.028093	0.022208	1 DFNB59	-
ENSG00000257303	-3.25146	-0.028093	0.022208	1 RP11-977G19.11	-
ENSG00000270066	2.845355	-0.344996	0.022208	1 SCARNA2	-
ENSG00000172061	2.449589	-0.27485	0.022208	1 LRRC15	-
ENSG00000272455	1.653159	2.398137	0.022854	1 RP4-758J18.13	-
ENSG00000004799	1.542432	5.270717	0.022964	1 PDK4	K00898
ENSG00000160471	1.919266	0.991199	0.023091	1 COX6B2	-
ENSG00000135114	-1.519845	8.264306	0.023107	1 OASL	K14608
ENSG00000226738	2.378716	-0.05098	0.023239	1 CTA-384D8.31	-
ENSG00000169047	-1.608133	3.634296	0.023298	1 IRS1	K16172
ENSG00000058091	-2.769589	0.384104	0.02363	1 CDK14	K08821
ENSG00000207280	-2.769589	0.384104	0.02363	1 SNORD20	-
ENSG00000261220	2.328774	0.144665	0.02363	1 RP11-629O1.2	-
ENSG00000143365	1.543529	4.241139	0.024082	1 RORC	K08534
ENSG0000013441	1.511169	5.804496	0.025001	1 CLK1	K08823
ENSG00000204060	1.589255	3.157631	0.025326	1 FOXO6	K17847
ENSG00000273301	-1.657906	2.595057	0.026135	1 RP11-314B1.2	-
ENSG00000124602	1.862864	0.951401	0.026429	1 UNC5CL	-
ENSG00000237649	1.752833	1.372889	0.027504	1 KIFC1	K10405
ENSG00000149609	2.937088	-0.732473	0.027969	1 C20orf144	K04613
ENSG00000235774	2.937088	-0.732473	0.027969	1 AC023347.1	-

ENSG00000259925	2.937088	-0.732473	0.027969	1 CTA-363E6.2	-
ENSG00000169248	-2.108555	0.713311	0.028123	1 CXCL11	K12672
ENSG00000138100	2.096369	0.513414	0.028123	1 TRIM54	K10653
ENSG00000170482	2.096369	0.513414	0.028123	1 SLC23A1	K14611
ENSG00000141750	1.947015	0.551073	0.028123	1 STAC2	K17985
ENSG00000107201	-1.473025	6.907786	0.028134	1 DDX58	K12646
ENSG00000111859	-1.483575	5.80497	0.028147	1 NEDD9	K16832
ENSG00000228950	2.103254	0.361901	0.028744	1 AC023137.2	-
ENSG00000235568	2.103254	0.361901	0.028744	1 NFAM1	-
ENSG00000144802	-1.506387	4.504417	0.028773	1 NFKBIZ	K14242
ENSG00000264772	-1.576177	2.912215	0.029562	1 SNORA67	-
ENSG00000160182	-3.181644	-0.080836	0.029588	1 TFF1	-
ENSG00000200913	-3.108276	-0.135784	0.029588	1 SNORD46	-
ENSG00000070808	2.31315	-0.363371	0.029588	1 CAMK2A	K04515
ENSG00000205002	2.31315	-0.363371	0.029588	1 AARD	K17985
ENSG00000213222	2.31315	-0.363371	0.029588	1 AC093724.2	K11518
ENSG00000000971	-2.498302	0.1787	0.029722	1 CFH	K04004
ENSG00000105991	-2.498302	0.1787	0.029722	1 HOXA1	K09301
ENSG00000113916	1.447216	6.442326	0.030956	1 BCL6	K15618
ENSG00000224897	-2.08071	0.969491	0.031233	1 POT1-AS1	-
ENSG00000165795	1.766353	1.23404	0.031424	1 NDRG2	-
ENSG00000198223	-1.680717	1.904531	0.031743	1 CSF2RA	K05066
ENSG00000168333	1.532466	2.693006	0.032386	1 C8orf22	-
ENSG00000066468	1.835355	1.11769	0.032387	1 FGFR2	K05093
ENSG00000273284	1.869356	0.498627	0.03354	1 RP11-888D10.4	-
ENSG00000168685	-1.431992	5.673678	0.033926	1 IL7R	K05072
ENSG00000115155	1.662865	1.310028	0.03402	1 OTOF	-
ENSG00000197142	-1.61591	2.365041	0.034452	1 ACSL5	K01897
ENSG00000137868	-1.91636	1.075805	0.034765	1 STRA6	-
ENSG00000105668	5.956345	-1.390299	0.034783	1 UPK1A	K17347
ENSG00000124134	5.956345	-1.390299	0.034783	1 KCNS1	K04931
ENSG00000135409	5.956345	-1.390299	0.034783	1 AMHR2	K04672
ENSG00000196358	5.956345	-1.390299	0.034783	1 NTNG2	K16359
ENSG00000221643	5.956345	-1.390299	0.034783	1 SNORA77	-
ENSG00000223692	5.956345	-1.390299	0.034783	1 DIP2A-IT1	-
ENSG00000224614	5.956345	-1.390299	0.034783	1 TNK2-AS1	-
ENSG00000225556	5.956345	-1.390299	0.034783	1 C2CD4D	-
ENSG00000234880	5.956345	-1.390299	0.034783	1 LINC00163	-
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ENSG00000259116	5.956345	-1.390299	0.034783	1 RP11-973N13.4	-
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ENSG00000031544	-5.918107	-0.885521	0.034783	1 NR2E3	-
ENSG00000137434	-5.918107	-0.885521	0.034783	1 C6orf52	-
ENSG00000137561	-5.918107	-0.885521	0.034783	1 TTPA	K12756
ENSG00000163082	-5.918107	-0.885521	0.034783	1 SGPP2	K04717
ENSG00000163347	-5.918107	-0.885521	0.034783	1 CLDN1	K06087
ENSG00000164199	-5.918107	-0.885521	0.034783	1 GPR98	K18263
ENSG00000214249	-5.918107	-0.885521	0.034783	1 CTAGE11P	-
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ENSG00000234961	-5.918107	-0.885521	0.034783	1 RP11-124N14.3	-
ENSG00000252061	-5.918107	-0.885521	0.034783	1 RNU6-415P	-
ENSG00000263011	-5.918107	-0.885521	0.034783	1 RP11-473M20.11	-
ENSG00000273391	-5.918107	-0.885521	0.034783	1 RP11-634H22.1	-
ENSG00000076258	-5.768753	-0.987252	0.034783	1 FMO4	K00485
ENSG00000215349	-5.768753	-0.987252	0.034783	1 MRPL3P1	K02906
ENSG00000224086	-5.768753	-0.987252	0.034783	1 LL22NC03-86G7.1	-

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ENSG00000227253	-5.768753	-0.987252	0.034783	1 RP11-166N17.1	-
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ENSG00000234076	-5.768753	-0.987252	0.034783	1 TPRG1-AS1	-
ENSG00000238005	-5.768753	-0.987252	0.034783	1 RP11-443B7.1	-
ENSG00000248498	-5.768753	-0.987252	0.034783	1 ASN5P1	K01953
ENSG00000254872	-5.768753	-0.987252	0.034783	1 RP13-870H17.3	-
ENSG00000255566	-5.768753	-0.987252	0.034783	1 RP11-114F3.5	K17404
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ENSG00000145861	3.15999	-1.246527	0.034783	1 C1QTNF2	K09228
ENSG00000170579	3.15999	-1.246527	0.034783	1 DLGAP1	K15008
ENSG00000181322	3.15999	-1.246527	0.034783	1 NME9	-
ENSG00000184719	3.15999	-1.246527	0.034783	1 RNLS	K18208
ENSG00000228686	3.15999	-1.246527	0.034783	1 RP11-492I21.1	-
ENSG00000229178	3.15999	-1.246527	0.034783	1 AC069513.4	-
ENSG00000235499	3.15999	-1.246527	0.034783	1 AC073046.25	-
ENSG00000239559	3.15999	-1.246527	0.034783	1 RPL37P2	K02922
ENSG00000240616	3.15999	-1.246527	0.034783	1 AD000092.3	K02991
ENSG00000241563	3.15999	-1.246527	0.034783	1 CORT	K05238
ENSG00000243094	3.15999	-1.246527	0.034783	1 RP11-1084A12.1	K02912
ENSG00000252874	3.15999	-1.246527	0.034783	1 Y_RNA	-
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ENSG00000272650	3.15999	-1.246527	0.034783	1 RP11-571I18.4	-
ENSG00000131737	-2.299335	0.50689	0.034945	1 KRT34	K07604
ENSG00000133321	-1.495657	3.60817	0.034984	1 RARRES3	K16817
ENSG00000166046	1.602998	1.890875	0.035292	1 TCP11L2	-
ENSG00000035664	1.458472	3.791632	0.035294	1 DAPK2	K08803
ENSG00000138772	-1.41337	6.415189	0.035302	1 ANXA3	K17089
ENSG00000087074	-1.409769	6.199033	0.035736	1 PPP1R15A	K14019
ENSG00000265752	1.634663	1.817782	0.036232	1 RP11-403A21.1	-
ENSG00000273445	1.683016	1.392752	0.036519	1 RP11-1399P15.1	-
ENSG0000010219	2.229797	0.07659	0.036521	1 DYRK4	K18669
ENSG00000272849	2.013034	0.128255	0.036521	1 RP11-347I19.8	-
ENSG00000102452	-1.553444	2.517756	0.037568	1 NALCN	-
ENSG00000136158	-1.4144	5.002863	0.037852	1 SPRY2	K17383
ENSG00000088726	1.76447	0.978603	0.038112	1 TMEM40	-
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ENSG00000184995	-2.437338	0.133445	0.038199	1 IFNE	K05442
ENSG00000225177	-2.437338	0.133445	0.038199	1 RP11-390P2.4	-
ENSG00000263235	-2.437338	0.133445	0.038199	1 RP11-461A8.4	-
ENSG00000272760	-2.437338	0.133445	0.038199	1 RP11-5C23.1	-
ENSG00000269165	2.263991	-0.127909	0.038199	1 AC069547.1	-
ENSG00000004846	-3.030976	-0.193128	0.039696	1 ABCB5	K05660
ENSG00000088002	2.708916	-0.438045	0.039696	1 SULT2B1	K01015
ENSG00000138606	2.708916	-0.438045	0.039696	1 SHF	-
ENSG00000187134	2.708916	-0.438045	0.039696	1 AKR1C1	K00089
ENSG00000259881	2.708916	-0.438045	0.039696	1 RP11-830F9.5	-
ENSG00000253500	-1.723051	1.715137	0.039747	1 AF121898.3	-
ENSG00000223975	1.742979	0.868905	0.039955	1 AP001048.4	-
ENSG00000175899	1.936632	0.403921	0.040094	1 A2M	K03910

ENSG00000109738	-1.759268	1.479487	0.040452	1 GLRB	K05196
ENSG00000185499	1.372421	5.617529	0.041018	1 MUC1	K06568
ENSG00000137393	-1.979233	0.893245	0.042147	1 RNF144B	K11975
ENSG00000170873	-1.979233	0.893245	0.042147	1 MTSS1	-
ENSG00000173432	-1.979233	0.893245	0.042147	1 SAA1	K17310
ENSG00000134061	1.530768	2.169576	0.042185	1 CD180	K06555
ENSG00000224321	-2.203656	0.435314	0.042606	1 RP11-169K16.6	K02870
ENSG00000095539	1.923603	0.241389	0.042606	1 SEMA4G	K06521
ENSG00000124243	1.923603	0.241389	0.042606	1 BCAS4	K03685
ENSG00000239653	1.923603	0.241389	0.042606	1 PSMD6-AS2	-
ENSG00000115194	1.705772	0.938641	0.043422	1 SLC30A3	K14690
ENSG00000137752	-1.397771	3.94732	0.044496	1 CASP1	K01370
ENSG00000104894	1.811682	0.587597	0.044792	1 CD37	K06475
ENSG00000169994	1.811682	0.587597	0.044792	1 MYO7B	K10359
ENSG00000119900	-1.351139	5.535768	0.045165	1 OGFRL1	K17985
ENSG00000005102	1.356884	4.785271	0.045201	1 MEOX1	K09322
ENSG00000185133	1.38801	3.820727	0.045285	1 INPP5J	K01106
ENSG00000130821	2.123527	0.005722	0.045652	1 SLC6A8	K05039
ENSG00000272983	2.123527	0.005722	0.045652	1 RP11-508N22.12	-
ENSG00000137101	1.906764	0.05994	0.045652	1 CD72	K06504
ENSG00000231412	1.48162	1.895812	0.04596	1 CTC-490G23.2	-
ENSG00000273151	1.679081	0.826119	0.045981	1 RP11-449P15.2	-
ENSG00000134013	1.325682	7.48902	0.046595	1 LOXL2	K00280
ENSG00000114268	1.359875	4.09032	0.047102	1 PFKFB4	K19030
ENSG00000202198	1.34918	4.651359	0.047506	1 RN7SK	-
ENSG00000106025	-1.374024	4.107733	0.047514	1 TSPAN12	K17355
ENSG00000237330	1.50588	1.823183	0.047648	1 RNF223	K08857
ENSG00000011347	1.350298	4.456313	0.04795	1 SYT7	-
ENSG00000188211	-1.939468	0.587885	0.048037	1 NCR3LG1	K16349
ENSG00000251169	-1.939468	0.587885	0.048037	1 AC005355.2	-
ENSG00000186862	1.399292	2.921386	0.048403	1 PDZD7	-
ENSG00000157368	-2.30709	0.037949	0.049336	1 IL34	-
ENSG00000159167	2.139349	-0.208426	0.049336	1 STC1	-
ENSG00000238198	2.139349	-0.208426	0.049336	1 RP11-31F15.2	-
ENSG00000246089	-1.556178	2.08976	0.049338	1 RP11-115C21.2	-
ENSG00000140795	1.441039	2.143492	0.050732	1 MYLK3	K00907
ENSG00000115594	1.35131	3.501766	0.051637	1 IL1R1	K04386
ENSG00000115267	-1.315725	5.076924	0.052047	1 IFIH1	K12647
ENSG00000085741	1.585781	1.031228	0.052818	1 WNT11	-
ENSG00000066923	1.734023	0.5365	0.052888	1 STAG3	K13055
ENSG00000144230	1.734023	0.5365	0.052888	1 GPR17	K08404
ENSG00000187550	1.734023	0.5365	0.052888	1 SBK2	K08858
ENSG00000230154	-2.949299	-0.253087	0.053633	1 AC018463.4	-
ENSG00000240038	2.558214	-0.536447	0.053633	1 AMY2B	K01176
ENSG00000270705	2.558214	-0.536447	0.053633	1 RP11-736N17.9	-
ENSG00000017373	2.162448	-0.456693	0.053633	1 SRCIN1	-
ENSG00000136457	2.162448	-0.456693	0.053633	1 CHAD	K06248
ENSG00000147127	2.162448	-0.456693	0.053633	1 RAB41	K07896
ENSG00000250548	2.162448	-0.456693	0.053633	1 RP11-47I22.2	-
ENSG00000257279	2.162448	-0.456693	0.053633	1 RP11-23I116.1	-
ENSG00000168079	1.336011	3.827507	0.053756	1 SCARA5	-
ENSG00000171368	1.325377	3.830721	0.053756	1 TPPP	K18932
ENSG00000174343	1.35482	2.951035	0.05388	1 CHRNA9	K04810
ENSG00000251495	1.54587	1.298941	0.055216	1 PPIAP11	K03767
ENSG00000084636	-1.33845	3.749719	0.056136	1 COL16A1	-
ENSG00000159399	1.269774	7.460273	0.056338	1 HK2	K00844
ENSG00000123342	-5.602132	-1.097364	0.056522	1 MMP19	K07998
ENSG00000128872	-5.602132	-1.097364	0.056522	1 TMOD2	K10370

ENSG00000162461	-5.602132	-1.097364	0.056522	1 SLC25A34	K15117
ENSG00000171560	-5.602132	-1.097364	0.056522	1 FGA	K03903
ENSG00000189143	-5.602132	-1.097364	0.056522	1 CLDN4	K11835
ENSG00000225871	-5.602132	-1.097364	0.056522	1 RP11-495P10.10	-
ENSG00000227220	-5.602132	-1.097364	0.056522	1 RP11-69I8.3	-
ENSG00000228021	-5.602132	-1.097364	0.056522	1 RP11-383C5.3	-
ENSG00000232486	-5.602132	-1.097364	0.056522	1 RP11-18B3.2	-
ENSG00000232615	-5.602132	-1.097364	0.056522	1 CTD-2012J19.1	K15425
ENSG00000242147	-5.602132	-1.097364	0.056522	1 RP13-463N16.6	-
ENSG00000259212	-5.602132	-1.097364	0.056522	1 CTD-3065B20.2	-
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ENSG00000272379	-5.602132	-1.097364	0.056522	1 RP1-257A7.5	-
ENSG00000272576	-5.602132	-1.097364	0.056522	1 RP11-365H22.2	-
ENSG00000272841	-5.602132	-1.097364	0.056522	1 RP3-428L16.2	-
ENSG00000272216	1.644585	0.897725	0.056561	1 LL22NC03-2H8.5	-
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ENSG00000261087	1.460319	1.837306	0.057268	1 KB-1460A1.5	-
ENSG00000125266	1.792039	-0.011168	0.057273	1 EFN2	K05463
ENSG00000127084	1.792039	-0.011168	0.057273	1 FGD3	K05722
ENSG00000164061	1.792039	-0.011168	0.057273	1 BSN	-
ENSG00000167772	1.283187	4.906567	0.057368	1 ANGPTL4	K08767
ENSG00000116117	-1.893908	0.554546	0.057683	1 PARD3B	-
ENSG00000141540	1.526456	1.35121	0.057716	1 TTYH2	-
ENSG00000136425	2.746528	-0.851163	0.057771	1 CIB2	-
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ENSG00000260923	2.746528	-0.851163	0.057771	1 AC137934.1	-
ENSG00000265996	2.746528	-0.851163	0.057771	1 MIR3671	-
ENSG00000260563	1.358746	2.933825	0.057938	1 RP13-516M14.1	-
ENSG0000009950	1.589798	1.18843	0.058699	1 MLXIPL	K09113
ENSG00000260317	1.516431	1.211115	0.058699	1 RP11-48B3.4	-
ENSG00000260942	1.448229	1.587672	0.058988	1 CAPN10-AS1	-
ENSG00000164638	1.346485	2.905113	0.059252	1 SLC29A4	K03323
ENSG00000182319	-1.356709	3.231093	0.059644	1 SGK223	K17537
ENSG00000215196	1.290254	4.195585	0.05982	1 AC091878.1	-
ENSG00000136653	1.527083	0.992746	0.059836	1 RASSF5	K08015
ENSG00000174473	1.71782	0.750838	0.061138	1 GALNTL6	K00710
ENSG00000258279	1.612221	0.782244	0.061138	1 LINC00592	-
ENSG00000164056	-1.353328	2.652331	0.062452	1 SPRY1	K04704
ENSG00000186897	1.378124	2.135929	0.062548	1 C1QL4	-
ENSG00000101198	1.787278	0.444541	0.062562	1 NKAIN4	-
ENSG00000116690	1.787278	0.444541	0.062562	1 PRG4	K09291
ENSG00000166589	1.787278	0.444541	0.062562	1 CDH16	K06810
ENSG00000234678	1.787278	0.444541	0.062562	1 RP11-465N4.4	-
ENSG00000185669	1.651945	0.483852	0.062562	1 SNAI3	K09217
ENSG00000104899	1.263274	4.590839	0.063027	1 AMH	K04665
ENSG00000163485	-2.101179	0.359582	0.063872	1 ADORA1	K04265
ENSG00000144583	-2.047075	0.319999	0.063872	1	4-Mar K10659
ENSG00000197415	-2.047075	0.319999	0.063872	1 VEPH1	-
ENSG00000104760	1.824626	0.17784	0.063872	1 FGL1	-
ENSG00000132130	1.824626	0.17784	0.063872	1 LHX1	-
ENSG00000233974	1.824626	0.17784	0.063872	1 RP11-823P9.3	-
ENSG00000234353	1.824626	0.17784	0.063872	1 AP000347.4	K06554
ENSG00000116032	-2.237274	-0.012548	0.06403	1 GRIN3B	K05214
ENSG00000255423	-2.237274	-0.012548	0.06403	1 EBLN2	-
ENSG00000263551	-2.163906	-0.065072	0.06403	1 RP11-78F17.1	-
ENSG00000161958	2.00291	-0.292876	0.06403	1 FGF11	K04358
ENSG00000146674	1.230584	7.035789	0.064413	1 IGFBP3	K10138
ENSG00000113083	1.226197	7.343302	0.065143	1 LOX	K00277

ENSG00000159314	1.464119	1.176821	0.065616	1 ARHGAP27	-
ENSG00000247903	-1.305439	3.414012	0.066029	1 RP11-421F16.3	-
ENSG00000168298	1.508486	1.40167	0.066082	1 HIST1H1E	K11275
ENSG00000022267	1.447522	1.420998	0.066082	1 FHL1	K14365
ENSG00000267480	1.447522	1.420998	0.066082	1 RP11-703I16.1	-
ENSG00000167992	1.43552	1.630686	0.066313	1 VWCE	-
ENSG00000264991	-1.831771	0.784112	0.066846	1 AP001205.1	-
ENSG00000248015	1.687962	0.623053	0.066846	1 AC005329.7	-
ENSG00000153140	-1.250927	4.436207	0.067098	1 CETN3	K16466
ENSG00000140854	-1.342599	2.878099	0.067138	1 KATNB1	K18643
ENSG00000163993	1.210131	7.908954	0.068361	1 S100P	-
ENSG00000119938	1.214901	6.34361	0.068649	1 PPP1R3C	K07189
ENSG00000006704	1.333508	2.331947	0.068833	1 GTF2IRD1	K03121
ENSG00000124216	-0.972539	3.957933	0.069137	1 SNAI1	K05707
ENSG00000232759	-1.846861	0.520329	0.069419	1 AC002480.3	-
ENSG00000146376	-1.322793	2.947629	0.069562	1 ARHGAP18	-
ENSG00000130234	-1.452212	1.836012	0.069913	1 ACE2	K09708
ENSG00000128482	-1.684599	0.905107	0.070633	1 RNF112	-
ENSG00000246898	-1.684599	0.905107	0.070633	1 LINC00920	-
ENSG00000267745	-1.684599	0.905107	0.070633	1 RP11-686D22.8	-
ENSG00000214856	1.647711	0.7048	0.070633	1 KRT16P1	K07604
ENSG00000173531	1.542112	0.737225	0.070633	1 MST1	-
ENSG00000228873	1.542112	0.737225	0.070633	1 AC012307.2	-
ENSG00000271918	1.542112	0.737225	0.070633	1 CTD-2287O16.5	-
ENSG00000272145	1.504104	1.056704	0.070754	1 NFYC-AS1	-
ENSG00000272994	-1.408501	2.064127	0.071084	1 RP11-332H14.2	-
ENSG00000129521	1.229951	4.35086	0.071304	1 EGLN3	K09592
ENSG00000138646	-1.200224	6.540482	0.071709	1 HERC5	-
ENSG00000232070	2.008802	-0.06817	0.072109	1 TMEM253	-
ENSG00000233122	2.008802	-0.06817	0.072109	1 CTAGE7P	-
ENSG00000270109	2.008802	-0.06817	0.072109	1 RP11-393M11.2	-
ENSG00000175155	1.39608	1.604479	0.072121	1 YPEL2	-
ENSG00000120885	1.19037	9.453988	0.072468	1 CLU	K17252
ENSG00000005486	1.341674	2.002663	0.072494	1 RHBDD2	K09652
ENSG00000120875	-1.199938	5.855855	0.07282	1 DUSP4	K04459
ENSG00000152292	1.239341	3.589968	0.07284	1 SH2D6	-
ENSG00000227292	-2.77061	-0.381879	0.072973	1 AC009229.5	-
ENSG00000259332	-2.77061	-0.381879	0.072973	1 ST20-MTHFS	K01934
ENSG00000101188	2.389913	-0.640856	0.072973	1 NTSR1	K04211
ENSG00000101210	2.389913	-0.640856	0.072973	1 EEF1A2	K03231
ENSG00000129910	2.389913	-0.640856	0.072973	1 CDH15	K06809
ENSG00000178404	2.389913	-0.640856	0.072973	1 DDC8	-
ENSG00000184471	2.389913	-0.640856	0.072973	1 C1QTNF8	K19470
ENSG00000224388	2.389913	-0.640856	0.072973	1 BACE2-IT1	-
ENSG00000226318	2.389913	-0.640856	0.072973	1 RP11-474D14.2	K02984
ENSG00000230189	2.389913	-0.640856	0.072973	1 GS1-124K5.2	K03121
ENSG00000232712	2.389913	-0.640856	0.072973	1 RP4-777D9.2	-
ENSG00000234636	2.389913	-0.640856	0.072973	1 MED14-AS1	-
ENSG00000260710	2.389913	-0.640856	0.072973	1 RP11-616M22.7	-
ENSG00000260936	2.389913	-0.640856	0.072973	1 FTO-IT1	-
ENSG00000273402	2.389913	-0.640856	0.072973	1 RP5-855D21.2	-
ENSG00000112559	1.994147	-0.555366	0.072973	1 MDFI	-
ENSG00000161939	1.994147	-0.555366	0.072973	1 RNASEK-C17orf49	K19770
ENSG00000176723	1.994147	-0.555366	0.072973	1 ZNF843	K17985
ENSG00000227006	1.994147	-0.555366	0.072973	1 RP5-956O18.2	-
ENSG00000236194	1.994147	-0.555366	0.072973	1 AC003104.1	-
ENSG00000040731	1.188254	7.077362	0.073852	1 CDH10	K06802
ENSG00000105939	-1.179432	7.859229	0.07565	1 ZC3HAV1	K15259

ENSG00000254780	-1.563906	1.336146	0.075828	1 RP11-793I11.1	K09481
ENSG00000259863	1.446614	1.233381	0.075828	1 SH3RF3-AS1	-
ENSG00000232320	1.356699	1.935492	0.076042	1 AC009299.5	-
ENSG00000178107	1.365959	1.53334	0.076689	1 RP11-998D10.4	-
ENSG00000113790	-1.634237	1.063957	0.077014	1 EHHADH	K07514
ENSG00000164342	-1.634237	1.063957	0.077014	1 TLR3	K05401
ENSG00000167676	1.552476	0.925874	0.077014	1 PLIN4	-
ENSG00000174482	1.465896	0.953382	0.077014	1 LINGO2	-
ENSG00000175886	1.465896	0.953382	0.077014	1 RPL7AP66	K02936
ENSG00000176383	1.465896	0.953382	0.077014	1 B3GNT4	K07971
ENSG00000171984	-1.751974	0.72591	0.078188	1 C20orf196	K11847
ENSG00000108823	1.718356	0.111884	0.078524	1 SGCA	K12565
ENSG00000112139	1.718356	0.111884	0.078524	1 MDGA1	-
ENSG00000164684	-1.216141	3.995834	0.078939	1 ZNF704	K12795
ENSG00000182463	1.207786	3.749344	0.079206	1 TSHZ2	K09236
ENSG00000138356	-1.242547	3.279694	0.079387	1 AOX1	K00157
ENSG00000101977	-1.38285	1.964498	0.080032	1 MCF2	-
ENSG00000143320	1.336559	1.663016	0.080134	1 CRABP2	K17289
ENSG00000135678	1.16156	6.997744	0.080469	1 CPM	K01296
ENSG00000165272	1.156182	8.523291	0.081037	1 AQP3	K09876
ENSG00000136826	-1.161256	6.651521	0.081153	1 KLF4	K17846
ENSG00000143641	1.154718	8.753367	0.08135	1 GALNT2	K00710
ENSG00000128262	-1.610917	0.85192	0.081703	1 POM121L9P	K08878
ENSG00000134569	1.468421	0.691007	0.081703	1 LRP4	K03068
ENSG00000138685	-1.157584	7.059718	0.081709	1 FGF2	K18497
ENSG00000162366	1.273374	2.513037	0.082288	1 PDZK1IP1	-
ENSG00000137699	1.148708	7.616227	0.083354	1 TRIM29	K12010
ENSG00000125122	-2.086606	-0.119794	0.083497	1 LRRC29	K10275
ENSG00000178919	-2.086606	-0.119794	0.083497	1 FOXE1	K09398
ENSG00000237836	-2.086606	-0.119794	0.083497	1 PHKA2-AS1	-
ENSG00000240204	-2.086606	-0.119794	0.083497	1 SMKR1	-
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ENSG00000174721	-1.414424	1.604809	0.083771	1 FGF3BP3	-
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ENSG00000110169	2.526912	-0.978809	0.084472	1 HPX	K18977
ENSG00000136206	2.526912	-0.978809	0.084472	1 SPDYE1	K08694
ENSG00000144130	2.526912	-0.978809	0.084472	1 NT5DC4	K01081
ENSG00000158815	2.526912	-0.978809	0.084472	1 FGF17	K04358
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ENSG00000106258	1.513828	0.812856	0.084778	1 CYP3A5	K17690
ENSG00000213937	1.513828	0.812856	0.084778	1 CLDN9	K06087
ENSG00000110092	-1.144352	7.124054	0.085106	1 CCND1	K04503
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ENSG00000182379	1.163401	4.622046	0.086415	1 NXPH4	K16656
ENSG00000167656	1.297119	1.63741	0.086932	1 LY6D	K06846
ENSG00000142156	1.207235	3.120025	0.087237	1 COL6A1	K06238
ENSG00000269929	1.700247	0.388717	0.088001	1 RP11-2B6.2	-
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ENSG00000183657	1.564914	0.429563	0.088001	1 PP13439	-
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ENSG00000150456	-1.266747	2.31172	0.089023	1 N6AMT2	-
ENSG00000232442	1.179031	3.241625	0.090151	1 CTD-3184A7.4	-
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ENSG00000268785	1.528225	0.521938	0.091583	1 RPL7P50	K02937
ENSG00000064195	1.133998	4.803491	0.092678	1 DLX3	K09315
ENSG00000223960	-1.279753	2.257755	0.093229	1 AC009948.5	-
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ENSG00000110799	5.640214	-1.573505	0.094203	1 VWF	K03900
ENSG00000129988	5.640214	-1.573505	0.094203	1 LBP	K05399
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ENSG00000205106	5.640214	-1.573505	0.094203	1 CTD-2210P24.4	-
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ENSG00000223356	5.640214	-1.573505	0.094203	1 RP11-66D17.5	-
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ENSG00000223466	5.640214	-1.573505	0.094203	1 AC064834.2	-
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ENSG00000234750	5.640214	-1.573505	0.094203	1 CTD-2666L21.2	K02981
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ENSG00000253730	5.640214	-1.573505	0.094203	1 RP11-893F2.13	-
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ENSG00000260367	5.640214	-1.573505	0.094203	1 RP11-264B17.4	-
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ENSG00000267676	5.640214	-1.573505	0.094203	1 THA1P	K01620
ENSG00000268204	5.640214	-1.573505	0.094203	1 CTD-3214H19.6	-
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ENSG00000100253	-5.413723	-1.217337	0.094203	1 MIOX	K00469
ENSG00000101076	-5.413723	-1.217337	0.094203	1 HNF4A	K07292
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ENSG00000148143	-5.413723	-1.217337	0.094203	1 ZNF462	-

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ENSG00000225071	2.843859	-1.411664	0.094203	1 GS1-184P14.2	K02976
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ENSG00000250292	2.843859	-1.411664	0.094203	1 RP11-451F20.1	-
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ENSG00000267632	2.843859	-1.411664	0.094203	1 RP11-400F19.18	-
ENSG00000269481	2.843859	-1.411664	0.094203	1 CTD-2521M24.6	-
ENSG00000272024	2.843859	-1.411664	0.094203	1 RP11-546K22.3	-
ENSG00000273289	2.843859	-1.411664	0.094203	1 RP6-109B7.5	-
ENSG00000043591	-1.533267	0.796459	0.094618	1 ADRB1	K04141
ENSG00000242759	-1.533267	0.796459	0.094618	1 LINC00882	-
ENSG00000135709	1.159004	3.461358	0.094929	1 KIAA0513	-
ENSG00000259820	1.289513	1.678863	0.095587	1 AC083843.1	-
ENSG00000253217	1.228682	2.291599	0.095685	1 KB-1991G8.1	-
ENSG00000178222	1.380021	1.255244	0.095725	1 RNF212	K04354
ENSG00000256087	1.138191	3.998924	0.095837	1 ZNF432	K09228
ENSG00000137825	1.195795	2.560603	0.095921	1 ITPKA	K00911
ENSG00000171219	1.232514	2.039225	0.096179	1 CDC42BPG	K16307
ENSG00000175984	1.232514	2.039225	0.096179	1 DENND2C	K11447
ENSG00000079335	-1.219766	2.656063	0.096547	1 CDC14A	K06639
ENSG00000117228	-1.93237	0.237034	0.096786	1 GBP1	-
ENSG00000196335	-1.93237	0.237034	0.096786	1 STK31	K16316
ENSG00000208317	-1.93237	0.237034	0.096786	1 SNORD78	-
ENSG00000225377	-1.93237	0.237034	0.096786	1 RP5-1103G7.4	-
ENSG00000111181	1.60363	0.043337	0.096786	1 SLC6A12	K05039
ENSG00000180720	1.60363	0.043337	0.096786	1 CHRM4	K04132
ENSG00000197653	1.60363	0.043337	0.096786	1 DNAH10	K10408
ENSG00000213626	1.60363	0.043337	0.096786	1 LBH	K09228
ENSG00000231274	1.60363	0.043337	0.096786	1 SBK3	K08858
ENSG00000244176	1.60363	0.043337	0.096786	1 RP11-810P12.1	K02981
ENSG00000110881	1.257908	2.090216	0.097062	1 ASIC1	K04829
ENSG00000134531	-1.111643	5.678995	0.097164	1 EMP1	-
ENSG00000163577	-1.257042	2.47896	0.097831	1 EIF5A2	K03263
ENSG00000229891	1.153114	3.379342	0.098405	1 Z83851.1	-
ENSG00000185650	-1.101937	6.273747	0.098547	1 ZFP36L1	K18753
ENSG00000261326	1.263104	1.833833	0.098858	1 RP5-1057J7.6	-
ENSG00000166068	-1.118768	4.451535	0.099672	1 SPRED1	K04703
ENSG00000258168	-1.278978	1.972212	0.099813	1 RP11-588H23.3	-
ENSG00000104951	-2.672216	-0.451326	0.099976	1 IL4I1	K03334
ENSG00000118997	-2.672216	-0.451326	0.099976	1 DNAH7	K10408
ENSG00000171943	-2.672216	-0.451326	0.099976	1 SRGAP2C	K07526
ENSG00000197980	-2.672216	-0.451326	0.099976	1 LEKR1	-
ENSG00000225968	-2.672216	-0.451326	0.099976	1 ELFN1	K17567
ENSG00000241476	-2.672216	-0.451326	0.099976	1 SSX2	K15625
ENSG00000250629	-2.672216	-0.451326	0.099976	1 RP11-122C5.3	-
ENSG00000007312	1.803588	-0.660047	0.099976	1 CD79B	K06507
ENSG00000009724	1.803588	-0.660047	0.099976	1 MASP2	K03993
ENSG00000125841	1.803588	-0.660047	0.099976	1 NRSN2	-
ENSG00000133020	1.803588	-0.660047	0.099976	1 MYH8	K10352
ENSG00000135346	1.803588	-0.660047	0.099976	1 CGA	K08522
ENSG00000135436	1.803588	-0.660047	0.099976	1 FAM186B	-
ENSG00000159761	1.803588	-0.660047	0.099976	1 C16orf86	-
ENSG00000177854	1.803588	-0.660047	0.099976	1 TMEM187	-
ENSG00000182472	1.803588	-0.660047	0.099976	1 CAPN12	K04740
ENSG00000184786	1.803588	-0.660047	0.099976	1 TCTE3	-
ENSG00000255994	1.803588	-0.660047	0.099976	1 CCDC177	-
ENSG00000268265	1.803588	-0.660047	0.099976	1 AP000304.1	-
ENSG00000272502	1.803588	-0.660047	0.099976	1 RP11-713M15.2	-

ENSG00000273355	1.803588	-0.660047	0.099976	1 RP11-672L10.6	-
ENSG00000086289	-1.189726	3.043969	0.100357	1 EPDR1	-
ENSG00000198959	-1.246844	2.026495	0.100711	1 TGM2	K05625
ENSG00000145198	1.658005	0.225508	0.101169	1 VWA5B2	-
ENSG00000165995	1.658005	0.225508	0.101169	1 CACNB2	K04863
ENSG00000271851	1.658005	0.225508	0.101169	1 RP11-565F19.2	-
ENSG00000183018	-1.641647	0.373671	0.101169	1 SPNS2	-
ENSG00000233247	-1.641647	0.373671	0.101169	1 GS1-257G1.1	K06689
ENSG00000248126	-1.443677	1.098022	0.101443	1 CTD-2012J19.2	-
ENSG00000205336	1.09197	5.638787	0.102288	1 GPR56	K08450
ENSG00000105289	1.161545	3.105736	0.102301	1 TJP3	K06097
ENSG00000123405	1.107606	4.2604	0.102326	1 NFE2	K09039
ENSG00000257596	1.305203	1.594748	0.102406	1 RP11-968A15.2	-
ENSG00000173295	-1.176161	2.961622	0.102572	1 FAM86B3P	-
ENSG00000123609	-1.109213	4.746511	0.102576	1 NMI	-
ENSG00000188660	1.098535	4.729168	0.102576	1 LINC00319	-
ENSG00000147689	1.078486	7.93307	0.10334	1 FAM83A	-
ENSG00000269729	-1.338507	1.754887	0.10344	1 AC006262.4	-
ENSG00000103056	1.129424	3.539505	0.103813	1 SMPD3	K12352
ENSG00000176697	-1.115324	4.100602	0.104096	1 BDNF	K04355
ENSG00000126218	1.607627	0.331044	0.104627	1 F10	K01314
ENSG00000235052	1.607627	0.331044	0.104627	1 RP1-150O5.3	-
ENSG00000261360	1.607627	0.331044	0.104627	1 CTD-2165H16.4	-
ENSG00000220848	1.472294	0.373533	0.104627	1 RPS18P9	K02964
ENSG00000166407	1.134241	3.27005	0.104927	1 LMO1	-
ENSG00000227896	1.275572	1.758402	0.10529	1 RP11-77P6.2	-
ENSG00000196911	-1.164427	2.915588	0.105472	1 KPNA5	K15042
ENSG00000153391	-1.127115	3.529792	0.105499	1 INO80C	K11667
ENSG00000178922	-1.106055	4.390289	0.105543	1 HYI	K01816
ENSG00000165300	-1.112833	4.194265	0.105587	1 SLITRK5	-
ENSG00000123358	-1.079061	6.199129	0.105828	1 NR4A1	K04465
ENSG00000197582	-1.296609	1.903377	0.10612	1 GPX1P1	K00432
ENSG00000266036	1.227552	1.810929	0.10612	1 MIR3615	-
ENSG00000109062	1.070751	7.262845	0.106233	1 SLC9A3R1	K13365
ENSG00000168874	1.084553	4.847161	0.106551	1 ATOH8	K09084
ENSG00000185168	1.25735	1.870136	0.106896	1 LINC00482	-
ENSG00000173281	1.09984	3.911356	0.107168	1 PPP1R3B	K07189
ENSG00000136869	-1.667503	0.664977	0.107412	1 TLR4	K10160
ENSG00000196511	-1.230387	2.015003	0.107623	1 TPK1	K00949
ENSG00000168016	-1.221467	2.454065	0.107908	1 TRANK1	-
ENSG00000197608	1.102161	3.857702	0.108432	1 ZNF841	K09228
ENSG00000174483	1.296166	1.380375	0.108433	1 BBS1	K16746
ENSG00000205221	1.09947	3.920108	0.10926	1 VIT	-
ENSG00000216657	-2.004929	-0.176905	0.109379	1 RP3-406P24.1	-
ENSG00000233589	-2.004929	-0.176905	0.109379	1 RP4-694A7.2	-
ENSG00000259712	-2.004929	-0.176905	0.109379	1 CTD-2184D3.5	-
ENSG00000126759	1.852208	-0.381659	0.109379	1 CFP	K15412
ENSG00000182782	1.852208	-0.381659	0.109379	1 HCAR2	K08402
ENSG00000185507	1.852208	-0.381659	0.109379	1 IRF7	K09447
ENSG00000186376	1.852208	-0.381659	0.109379	1 ZNF75D	K09229
ENSG00000228204	1.852208	-0.381659	0.109379	1 RP4-724E13.2	-
ENSG00000255503	1.852208	-0.381659	0.109379	1 RP11-113K21.4	-
ENSG00000269927	1.852208	-0.381659	0.109379	1 RP6-91H8.3	-
ENSG00000168772	-1.347485	1.557274	0.109441	1 CXXC4	K03344
ENSG00000220378	1.287132	1.429583	0.109441	1 KRT8P42	K07605
ENSG00000151229	-1.107066	3.804591	0.109463	1 SLC2A13	K08150
ENSG00000183186	1.496361	0.608886	0.109695	1 C2CD4C	-
ENSG00000256061	-1.492817	0.767812	0.109695	1 DYX1C1	K19758

ENSG00000227963	1.390762	0.643529	0.109695	1 RP5-1074L1.1	-
ENSG00000234373	1.370027	0.723613	0.111592	1 SNX18P7	K17299
ENSG00000137965	-1.05073	7.17996	0.113145	1 IFI44	-
ENSG00000260000	-1.50046	0.96784	0.113191	1 RP3-467N11.1	-
ENSG00000169271	1.421718	0.842714	0.113191	1 HSPB3	K09544
ENSG00000228451	1.421718	0.842714	0.113191	1 SDAD1P1	K14856
ENSG00000142279	1.335138	0.871857	0.113191	1 WTIP	K16682
ENSG00000144045	1.335138	0.871857	0.113191	1 DQX1	K14433
ENSG00000136999	-1.059817	5.541446	0.113428	1 NOV	-
ENSG00000184481	1.108746	3.489808	0.113482	1 FOXO4	K12358
ENSG00000058668	1.047695	7.062058	0.114003	1 ATP2B4	K05850
ENSG00000257315	1.222653	1.847765	0.114505	1 ZBED6	-
ENSG00000260604	1.183306	1.861539	0.114505	1 RP1-140K8.5	-
ENSG00000175221	1.061738	5.09675	0.114518	1 MED16	K15159
ENSG00000166073	-1.145312	2.604438	0.115066	1 GPR176	K08442
ENSG00000091262	1.74772	-0.226119	0.11546	1 ABCC6	K05669
ENSG00000105707	1.74772	-0.226119	0.11546	1 HPN	K08665
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ENSG00000179083	1.74772	-0.226119	0.11546	1 FAM133A	-
ENSG00000203288	1.74772	-0.226119	0.11546	1 RP11-98D18.9	-
ENSG00000135698	-1.078551	4.008228	0.115894	1 MPHOSPH6	K12593
ENSG00000147872	1.046801	6.02781	0.115953	1 PLIN2	K17284
ENSG00000163395	1.353437	1.1061	0.11674	1 IGFN1	-
ENSG00000261553	1.353437	1.1061	0.11674	1 RP11-29G8.3	-
ENSG00000145632	-1.038055	8.005947	0.116757	1 PLK2	K08861
ENSG00000131459	1.043011	5.932914	0.117173	1 GFPT2	K00820
ENSG00000131370	1.072063	3.963349	0.117778	1 SH3BP5	K04613
ENSG00000197614	1.035576	6.949947	0.118284	1 MFAP5	K12581
ENSG00000260285	1.255403	1.29782	0.118412	1 RP11-600F24.7	-
ENSG00000103089	1.049247	4.606391	0.11918	1 FA2H	K19703
ENSG00000163660	-1.032392	7.223037	0.119395	1 CCNL1	-
ENSG00000183172	-1.871406	0.193481	0.119582	1 SMDT1	-
ENSG00000261114	-1.871406	0.193481	0.119582	1 RP11-325K4.2	-
ENSG00000271614	-1.871406	0.193481	0.119582	1 LINC00936	-
ENSG00000010319	-1.807751	0.148421	0.119582	1 SEMA3G	K06840
ENSG00000058085	-1.807751	0.148421	0.119582	1 LAMC2	K06246
ENSG00000167995	-1.807751	0.148421	0.119582	1 BEST1	K13878
ENSG00000199477	-1.807751	0.148421	0.119582	1 SNORA31	-
ENSG00000172728	-1.097234	3.179115	0.119821	1 FUT10	K09669
ENSG00000139163	-1.040286	5.528265	0.120305	1 ETNK1	K00894
ENSG00000127952	1.126951	2.562683	0.120456	1 STYXL1	K18047
ENSG00000205426	-1.278108	1.712361	0.121234	1 KRT81	K07605
ENSG00000155792	-1.219677	1.763381	0.121645	1 DEPTOR	-
ENSG00000204790	-1.219677	1.763381	0.121645	1 CBWD6	-
ENSG00000260630	-1.219677	1.763381	0.121645	1 SNAI3-AS1	-
ENSG00000232533	-1.11241	2.954638	0.122361	1 AC093673.5	-
ENSG00000127578	1.070569	3.60324	0.122453	1 WFIKKN1	-
ENSG00000261770	-1.585435	0.334263	0.122481	1 CTC-459F4.1	-
ENSG00000269175	-1.585435	0.334263	0.122481	1 AC093157.1	K00586
ENSG00000272782	-1.585435	0.334263	0.122481	1 RP4-607J23.2	-
ENSG00000166126	1.551735	0.161736	0.122481	1 AMN	K18259
ENSG00000250318	1.551735	0.161736	0.122481	1 CTA-963H5.5	K02872
ENSG00000259891	1.147754	1.839084	0.122678	1 CTA-204B4.2	-
ENSG00000115738	1.044196	4.501456	0.122768	1 ID2	K17693
ENSG00000213047	-1.075706	3.762962	0.123061	1 DENND1B	K02896
ENSG00000115271	-1.101532	3.212665	0.123607	1 GCA	-
ENSG00000023171	1.021534	6.742947	0.123608	1 GRAMD1B	-

ENSG00000113356	-1.038776	5.025047	0.123702	1 POLR3G	K03024
ENSG00000237187	-1.180382	2.188385	0.124131	1 NR2F1-AS1	-
ENSG00000237857	-1.180382	2.188385	0.124131	1 RP11-435O5.2	-
ENSG00000006283	1.120319	2.2503	0.124658	1 CACNA1G	K04854
ENSG00000029153	-1.073622	3.517626	0.124779	1 ARNTL2	K09099
ENSG00000067141	2.267755	-1.116915	0.12496	1 NEO1	K06766
ENSG00000105523	2.267755	-1.116915	0.12496	1 FAM83E	K00272
ENSG00000106809	2.267755	-1.116915	0.12496	1 OGN	K08126
ENSG00000131634	2.267755	-1.116915	0.12496	1 TMEM204	-
ENSG00000183044	2.267755	-1.116915	0.12496	1 ABAT	K13524
ENSG00000184678	2.267755	-1.116915	0.12496	1 HIST2H2BE	K11252
ENSG00000186891	2.267755	-1.116915	0.12496	1 TNFRSF18	K05154
ENSG00000188322	2.267755	-1.116915	0.12496	1 SBK1	K08858
ENSG00000197149	2.267755	-1.116915	0.12496	1 RP11-452G18.2	K02981
ENSG00000225808	2.267755	-1.116915	0.12496	1 DNAJC19P5	K09539
ENSG00000226386	2.267755	-1.116915	0.12496	1 PARD3-AS1	-
ENSG00000230929	2.267755	-1.116915	0.12496	1 RP11-395C3.1	K02942
ENSG00000231154	2.267755	-1.116915	0.12496	1 MORF4L2-AS1	-
ENSG00000233613	2.267755	-1.116915	0.12496	1 DCUN1D2-AS	-
ENSG00000234230	2.267755	-1.116915	0.12496	1 ZFX-AS1	-
ENSG00000235651	2.267755	-1.116915	0.12496	1 AC064850.4	K17265
ENSG00000243056	2.267755	-1.116915	0.12496	1 EIF4EBP3	K18645
ENSG00000253174	2.267755	-1.116915	0.12496	1 RP11-360L9.7	-
ENSG00000260296	2.267755	-1.116915	0.12496	1 RP11-395I6.3	-
ENSG00000261372	2.267755	-1.116915	0.12496	1 RP11-529H20.6	-
ENSG00000264269	2.267755	-1.116915	0.12496	1 RP11-15F12.1	-
ENSG00000267058	2.267755	-1.116915	0.12496	1 RP11-15A1.3	-
ENSG00000267834	2.267755	-1.116915	0.12496	1 RP11-167N5.5	-
ENSG00000268869	2.267755	-1.116915	0.12496	1 ESPNP	-
ENSG00000269834	2.267755	-1.116915	0.12496	1 CTD-3018O17.3	-
ENSG00000271858	2.267755	-1.116915	0.12496	1 XXcos-LUCA11.4	-
ENSG00000272666	2.267755	-1.116915	0.12496	1 CTA-384D8.35	-
ENSG00000264868	1.114459	2.356614	0.125095	1 CTB-167B5.2	-
ENSG00000100867	1.441195	0.469092	0.12613	1 DHRS2	K11164
ENSG00000137501	1.441195	0.469092	0.12613	1 SYTL2	K17598
ENSG00000268575	1.441195	0.469092	0.12613	1 RP1-283E3.8	-
ENSG00000273230	1.077692	2.705135	0.126209	1 RP11-1246C19.1	-
ENSG00000207523	-1.4512	0.738518	0.127301	1 SNORA66	-
ENSG00000214708	1.414283	0.558872	0.127301	1 AC090616.2	K07870
ENSG00000160888	-1.008098	7.64828	0.127745	1 IER2	-
ENSG00000141639	1.025446	4.920432	0.127789	1 MAPK4	K06855
ENSG00000172296	1.059612	3.607009	0.127903	1 SPTLC3	K00654
ENSG00000008517	-1.048926	3.785034	0.128074	1 IL32	-
ENSG00000165775	1.351609	0.799589	0.128892	1 FUNDC2	-
ENSG00000107317	-1.275377	1.131486	0.129867	1 PTGDS	K01830
ENSG00000259673	-1.36815	1.196341	0.130209	1 IQCH-AS1	-
ENSG00000266088	-1.36815	1.196341	0.130209	1 RP5-1028K7.2	-
ENSG00000244558	1.294739	1.069618	0.130209	1 RP11-445H22.4	-
ENSG00000185483	-1.042875	4.03482	0.130449	1 ROR1	K05122
ENSG00000160352	-1.042328	3.634579	0.130682	1 ZNF714	K09228
ENSG00000249803	-1.250375	1.374979	0.130701	1 RP11-114H21.2	-
ENSG00000243335	1.052375	3.158069	0.130964	1 KCTD7	K01623
ENSG00000233280	1.180879	1.466948	0.131133	1 CRYBG3	-
ENSG00000197279	-1.096836	2.830198	0.131208	1 ZNF165	K09230
ENSG00000139537	1.075625	2.783646	0.131208	1 CCDC65	-
ENSG00000155542	-1.104645	2.754309	0.131259	1 SETD9	-
ENSG00000163701	1.199787	1.709952	0.131399	1 IL17RE	K05168
ENSG00000175873	1.199787	1.709952	0.131399	1 AC004840.9	-

ENSG00000163286	1.156933	1.725204	0.131399	1 ALPPL2	K01077
ENSG00000142182	1.137528	1.978344	0.131498	1 DNMT3L	K17400
ENSG00000143797	-1.143766	2.097089	0.131501	1 MBOAT2	K13517
ENSG00000233621	1.021522	4.549375	0.131676	1 LINC01137	-
ENSG00000130720	1.005551	4.995572	0.133327	1 FIBCD1	-
ENSG00000117226	-1.043878	3.70002	0.133337	1 GBP3	-
ENSG00000128016	-1.010042	4.828396	0.133825	1 ZFP36	K15308
ENSG00000166510	-1.03416	3.960862	0.135032	1 CCDC68	-
ENSG00000131389	0.995431	5.924888	0.135037	1 SLC6A6	K05039
ENSG00000204397	-1.056999	3.088478	0.135175	1 CARD16	K01370
ENSG00000173641	1.019469	3.821778	0.135464	1 HSPB7	K09546
ENSG00000183762	1.008376	4.45424	0.136647	1 KREMEN1	K08857
ENSG00000122641	-2.566618	-0.524634	0.137874	1 INHBA	K04667
ENSG00000178146	-2.566618	-0.524634	0.137874	1 RP1-232L22__B.1	K00864
ENSG00000213676	-2.566618	-0.524634	0.137874	1 ATF6B	K09049
ENSG00000223459	-2.566618	-0.524634	0.137874	1 FAM115B	-
ENSG00000237399	-2.566618	-0.524634	0.137874	1 PITRM1-AS1	-
ENSG00000268995	-2.566618	-0.524634	0.137874	1 VN1R82P	-
ENSG00000270574	-2.566618	-0.524634	0.137874	1 RP11-171I2.2	-
ENSG00000271380	-2.566618	-0.524634	0.137874	1 RP11-307C12.12	-
ENSG00000109321	-2.452675	-0.602253	0.137874	1 AREG	K09782
ENSG00000157227	-2.452675	-0.602253	0.137874	1 MMP14	K07763
ENSG00000168539	-2.452675	-0.602253	0.137874	1 CHRM1	K04129
ENSG00000186648	-2.452675	-0.602253	0.137874	1 LRRC16B	-
ENSG00000203711	-2.452675	-0.602253	0.137874	1 C6orf99	-
ENSG00000218537	-2.452675	-0.602253	0.137874	1 AP000350.4	K07253
ENSG00000230555	-2.452675	-0.602253	0.137874	1 RP11-517P14.2	-
ENSG00000233825	-2.452675	-0.602253	0.137874	1 RP11-135A24.4	-
ENSG00000234292	-2.452675	-0.602253	0.137874	1 RP11-213H15.1	-
ENSG00000244733	-2.452675	-0.602253	0.137874	1 RP11-506M13.3	-
ENSG00000135094	2.199354	-0.752064	0.137874	1 SDS	K17989
ENSG00000149781	2.199354	-0.752064	0.137874	1 FERMT3	K17084
ENSG00000202337	2.199354	-0.752064	0.137874	1 RNU6-8	-
ENSG00000214279	2.199354	-0.752064	0.137874	1 RP11-108K14.4	-
ENSG00000218890	2.199354	-0.752064	0.137874	1 NUFIP1P	-
ENSG00000225578	2.199354	-0.752064	0.137874	1 NCBP2-AS1	-
ENSG00000230756	2.199354	-0.752064	0.137874	1 RHOQP3	K07194
ENSG00000236008	2.199354	-0.752064	0.137874	1 AC011747.4	-
ENSG00000236882	2.199354	-0.752064	0.137874	1 C5orf27	-
ENSG00000237940	2.199354	-0.752064	0.137874	1 AC093642.3	-
ENSG00000244399	2.199354	-0.752064	0.137874	1 RN7SL251P	-
ENSG00000259933	2.199354	-0.752064	0.137874	1 RP11-304L19.1	-
ENSG00000261226	2.199354	-0.752064	0.137874	1 RP11-830F9.7	-
ENSG00000132196	-1.018412	3.803602	0.138225	1 HSD17B7	K13373
ENSG00000036672	1.03759	3.148502	0.138775	1 USP2	K11833
ENSG00000132832	1.037549	3.103241	0.139034	1 RP11-445H22.3	-
ENSG00000196284	-1.059202	3.057258	0.139597	1 SUPT3H	K11313
ENSG00000146278	0.977753	6.658973	0.139991	1 PNRC1	K18774
ENSG00000161277	1.104424	1.957542	0.140049	1 THAP8	-
ENSG00000228649	-1.204883	1.839271	0.141201	1 AC005682.5	-
ENSG00000079308	0.979771	5.678829	0.141759	1 TNS1	K18080
ENSG00000174842	-0.987893	4.878193	0.142357	1 GLMN	-
ENSG00000157657	-1.025965	3.220736	0.142496	1 ZNF618	-
ENSG00000102178	1.176235	1.513264	0.142605	1 UBL4A	-
ENSG00000185220	-1.03461	3.1972	0.142675	1 PGBD2	-
ENSG00000188191	-0.999189	4.494161	0.143062	1 PRKAR1B	K04739
ENSG00000261094	1.191179	1.369701	0.143419	1 RP11-355O1.11	-
ENSG00000131778	1.137074	1.389333	0.143419	1 CHD1L	-

ENSG00000261113	1.137074	1.389333	0.143419	1 RP11-141O15.1	-
ENSG00000083750	-1.019985	3.505341	0.143467	1 RRAGB	K16185
ENSG00000167281	-1.91835	-0.236621	0.143889	1 RBFOX3	K14946
ENSG00000179428	-1.91835	-0.236621	0.143889	1 AC073072.5	-
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ENSG00000273387	-1.91835	-0.236621	0.143889	1 RP3-412A9.16	-
ENSG00000232324	-1.82624	-0.29919	0.143889	1 AC008440.10	-
ENSG00000236498	-1.82624	-0.29919	0.143889	1 AC107081.5	-
ENSG00000257242	-1.82624	-0.29919	0.143889	1 C12orf79	-
ENSG00000260060	-1.82624	-0.29919	0.143889	1 RP11-388M20.1	-
ENSG00000260841	-1.82624	-0.29919	0.143889	1 CTC-205M6.5	-
ENSG00000100314	1.683907	-0.475243	0.143889	1 CABP7	K13152
ENSG00000117477	1.683907	-0.475243	0.143889	1 CCDC181	-
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ENSG00000162482	1.683907	-0.475243	0.143889	1 AKR7A3	K15303
ENSG00000179477	1.683907	-0.475243	0.143889	1 ALOX12B	K08021
ENSG00000185527	1.683907	-0.475243	0.143889	1 PDE6G	K13759
ENSG00000196782	1.683907	-0.475243	0.143889	1 MAML3	K06061
ENSG00000249345	1.683907	-0.475243	0.143889	1 RP11-575F12.1	-
ENSG00000251411	1.683907	-0.475243	0.143889	1 RP11-397E7.4	K05757
ENSG00000256849	1.683907	-0.475243	0.143889	1 RP11-405A12.1	K09493
ENSG00000260403	1.683907	-0.475243	0.143889	1 RP11-616M22.1	-
ENSG00000103319	0.976158	5.240112	0.144258	1 EEF2K	K08292
ENSG00000164683	0.976653	5.329348	0.144283	1 HEY1	K09091
ENSG00000146267	-1.09117	2.417737	0.144787	1 FAXC	K12581
ENSG00000235194	1.06257	2.349877	0.144787	1 PPP1R3E	K07189
ENSG00000146233	-1.27614	1.268545	0.144797	1 CYP39A1	K07439
ENSG00000224934	1.217027	1.153562	0.144797	1 RP11-441O15.3	-
ENSG00000236540	1.217027	1.153562	0.144797	1 AC006547.13	-
ENSG00000169288	-1.000405	3.920665	0.144881	1 MRPL1	K02863
ENSG00000198860	-0.976155	5.283386	0.14489	1 TSEN15	K15324
ENSG00000161570	-1.008591	3.655129	0.145044	1 CCL5	K12499
ENSG00000215417	-1.042519	2.907083	0.145556	1 MIR17HG	-
ENSG00000111341	0.979981	4.864223	0.146195	1 MGP	K19481
ENSG00000173991	1.253461	0.900318	0.146339	1 TCAP	-
ENSG00000149289	-1.003228	3.974535	0.146679	1 ZC3H12C	K18668
ENSG00000145819	-0.990602	4.325642	0.146679	1 ARHGAP26	K04613
ENSG00000182873	1.277918	0.755369	0.146868	1 RP11-181G12.2	-
ENSG00000237380	1.277918	0.755369	0.146868	1 HOXD-AS2	-
ENSG00000232274	1.191338	0.786321	0.146868	1 RP11-782C8.2	-
ENSG00000261015	-1.041805	2.752771	0.147358	1 RP1-90J20.11	-
ENSG00000264745	1.292368	0.677217	0.147385	1 RP11-403A21.2	-
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ENSG00000133818	-1.067724	2.686731	0.148053	1 RRAS2	K07830
ENSG00000233264	-1.741158	0.101745	0.148066	1 AC006042.8	K12735
ENSG00000107551	1.667396	-0.085303	0.148066	1 RASSF4	K09851
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ENSG00000161328	1.478988	-0.028006	0.148066	1 LRRC56	K09228
ENSG00000265692	1.478988	-0.028006	0.148066	1 RP13-516M14.4	-
ENSG00000213366	-1.482098	0.533788	0.14827	1 GSTM2	K00799
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ENSG00000253686	1.348574	0.414603	0.14827	1 CTB-43E15.3	-
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ENSG00000164167	-1.012493	3.376251	0.14837	1 LSM6	K12625
ENSG00000273373	0.998981	3.343535	0.14837	1 RP5-1074L1.4	-
ENSG00000249328	-1.526942	0.293621	0.14853	1 RP11-26J3.1	-
ENSG00000261136	1.437009	0.095555	0.14853	1 RP11-37C7.3	-

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ENSG00000272264	1.373317	0.315652	0.14853	1 RP11-92K15.3	-
ENSG00000141682	-0.958482	6.295375	0.148949	1 PMAIP1	K10131
ENSG00000256683	0.999601	3.771373	0.148969	1 ZNF350	K02927
ENSG00000151773	-1.119241	2.011008	0.149176	1 CCDC122	K17985
ENSG00000150782	-0.956066	6.538382	0.149523	1 IL18	K05482
ENSG00000227184	1.009965	3.244831	0.149638	1 EPPK1	K10388
ENSG00000163435	0.962747	5.310616	0.150216	1 ELF3	K09429
ENSG00000082146	-1.002295	3.49347	0.150298	1 STRADB	K17532
ENSG00000269900	1.036801	2.458085	0.150503	1 RMRP	-
ENSG00000196116	-1.004289	3.206169	0.150781	1 TDRD7	K18405
ENSG00000125148	-0.952783	6.580525	0.150946	1 MT2A	K14739
ENSG00000206077	1.073909	1.793248	0.151025	1 ZDHHC11B	K18932
ENSG00000173614	-1.003717	3.446077	0.151057	1 NMNAT1	K06210
ENSG00000132031	-1.166495	1.812724	0.151172	1 MATN3	K19467
ENSG00000245970	-1.027937	2.822392	0.151877	1 KB-1208A12.3	-
ENSG00000115539	-0.973657	4.353591	0.151992	1 PDCL3	-
ENSG00000119508	0.965288	4.54024	0.152167	1 NR4A3	K08559
ENSG00000197562	0.952287	5.919739	0.152993	1 RAB40C	K07928
ENSG00000110195	0.942312	9.098781	0.153125	1 FOLR1	K13649
ENSG00000141401	0.94316	7.679004	0.153453	1 IMPA2	K01092
ENSG00000162694	-0.951727	5.433422	0.154012	1 EXTL2	-
ENSG00000136631	-1.193429	1.653416	0.154099	1 VPS45	K12479
ENSG00000164308	-1.093053	2.251851	0.154327	1 ERAP2	K13723
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ENSG00000260006	1.067145	2.097843	0.155689	1 RP11-469M7.1	-
ENSG00000103269	-1.063413	2.594998	0.155702	1 RHBDL1	K02857
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ENSG00000105499	1.1337	1.438049	0.155983	1 PLA2G4C	K16342
ENSG00000237491	1.1337	1.438049	0.155983	1 RP11-206L10.9	-
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ENSG00000154359	-0.995771	3.512678	0.156804	1 LONRF1	-
ENSG00000127995	-1.01604	3.092815	0.157104	1 CASD1	-
ENSG00000152518	-0.940914	6.352118	0.15729	1 ZFP36L2	K18753
ENSG00000102393	1.036766	2.434015	0.157497	1 GLA	K01189
ENSG00000100003	0.965878	4.025149	0.157543	1 SEC14L2	-
ENSG00000107020	-0.987708	3.619694	0.158036	1 PLGRKT	-
ENSG00000184788	-1.03689	2.432515	0.158837	1 SATL1	-
ENSG00000203706	-0.969002	3.968627	0.159256	1 SERTAD4-AS1	-
ENSG00000111335	-1.168176	1.318236	0.159401	1 OAS2	K14216
ENSG00000162086	-1.168176	1.318236	0.159401	1 ZNF75A	K09229
ENSG00000155130	-0.931426	7.050736	0.159486	1 MARCKS	K12561
ENSG00000262333	1.036613	2.333562	0.159556	1 HNRNPA1P16	K12741
ENSG00000226608	1.07214	1.866607	0.159851	1 FTLP3	K13625
ENSG00000198774	-0.984002	3.504815	0.16042	1 RASSF9	K09856
ENSG00000259959	-1.217448	1.227876	0.160738	1 RP11-121C2.2	-
ENSG00000149131	0.949137	4.4566	0.160774	1 SERPING1	K04001
ENSG00000230551	0.953602	4.086116	0.161017	1 CTB-89H12.4	-
ENSG00000151491	-0.960586	4.292363	0.161102	1 EPS8	K17277
ENSG00000006047	5.234787	-1.779887	0.161491	1 YBX2	K09277
ENSG00000086506	5.234787	-1.779887	0.161491	1 HBQ1	K13827
ENSG00000107736	5.234787	-1.779887	0.161491	1 CDH23	K06813
ENSG00000109472	5.234787	-1.779887	0.161491	1 CPE	K01294
ENSG00000110375	5.234787	-1.779887	0.161491	1 UPK2	-
ENSG00000111679	5.234787	-1.779887	0.161491	1 PTPN6	K05697
ENSG00000129167	5.234787	-1.779887	0.161491	1 TPH1	K00502
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ENSG00000137745	5.234787	-1.779887	0.161491	1 MMP13	K07994

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ENSG00000145491	5.234787	-1.779887	0.161491	1 ROPN1L	-
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ENSG00000168528	5.234787	-1.779887	0.161491	1 SERINC2	-
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ENSG00000182742	5.234787	-1.779887	0.161491	1 HOXB4	K09304
ENSG00000183346	5.234787	-1.779887	0.161491	1 C10orf107	-
ENSG00000183570	5.234787	-1.779887	0.161491	1 PCBP3	K04006
ENSG00000184414	5.234787	-1.779887	0.161491	1 RP11-44M6.3	K17985
ENSG00000184497	5.234787	-1.779887	0.161491	1 TMEM255B	-
ENSG00000187686	5.234787	-1.779887	0.161491	1 KRT18P59	K07604
ENSG00000199130	5.234787	-1.779887	0.161491	1 MIR365A	-
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ENSG00000201003	5.234787	-1.779887	0.161491	1 SNORA58	-
ENSG00000201749	5.234787	-1.779887	0.161491	1 Y_RNA	-
ENSG00000201793	5.234787	-1.779887	0.161491	1 RN7SKP9	-
ENSG00000202415	5.234787	-1.779887	0.161491	1 RN7SKP269	-
ENSG00000203364	5.234787	-1.779887	0.161491	1 RP11-370F5.4	-
ENSG00000203523	5.234787	-1.779887	0.161491	1 TAS2R2P	K08474
ENSG00000204220	5.234787	-1.779887	0.161491	1 PFDN6	K04798
ENSG00000206674	5.234787	-1.779887	0.161491	1 RNU6-945P	-
ENSG00000206881	5.234787	-1.779887	0.161491	1 RNU6-190P	-
ENSG00000213761	5.234787	-1.779887	0.161491	1 MT1P1	K14739
ENSG00000214659	5.234787	-1.779887	0.161491	1 KRT8P26	K07605
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ENSG00000225203	5.234787	-1.779887	0.161491	1 TBC1D4-AS1	-
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ENSG00000228115	5.234787	-1.779887	0.161491	1 RP11-165F24.5	-
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ENSG00000232692	5.234787	-1.779887	0.161491	1 AP001596.6	-
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ENSG00000233799	5.234787	-1.779887	0.161491	1 AC139887.4	-
ENSG00000234796	5.234787	-1.779887	0.161491	1 AC113607.3	-
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ENSG00000241120	5.234787	-1.779887	0.161491	1 HMGN1P8	-
ENSG00000242553	5.234787	-1.779887	0.161491	1 AP001432.14	-
ENSG00000244021	5.234787	-1.779887	0.161491	1 RP11-50D9.1	K02889
ENSG00000244556	5.234787	-1.779887	0.161491	1 ODCP	K01581
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ENSG00000250938	5.234787	-1.779887	0.161491	1 RP11-679C8.2	-
ENSG00000251056	5.234787	-1.779887	0.161491	1 ANKRD20A17P	K17299
ENSG00000251294	5.234787	-1.779887	0.161491	1 RP11-116O11.1	-
ENSG00000252192	5.234787	-1.779887	0.161491	1 SNORA9	-

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ENSG00000252473	5.234787	-1.779887	0.161491	1 SNORA67	-
ENSG00000253305	5.234787	-1.779887	0.161491	1 PCDHGB6	K16496
ENSG00000253559	5.234787	-1.779887	0.161491	1 OSGEPL1-AS1	-
ENSG00000253833	5.234787	-1.779887	0.161491	1 RP11-367E12.4	K10363
ENSG00000254119	5.234787	-1.779887	0.161491	1 RP11-705O24.1	-
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ENSG00000262519	5.234787	-1.779887	0.161491	1 TXNP4	K03671
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ENSG00000265280	5.234787	-1.779887	0.161491	1 AC018804.1	-
ENSG00000265912	5.234787	-1.779887	0.161491	1 RP11-583F2.2	-
ENSG00000266445	5.234787	-1.779887	0.161491	1 RP13-991F5.2	-
ENSG00000266955	5.234787	-1.779887	0.161491	1 RP11-820I16.3	-
ENSG00000266998	5.234787	-1.779887	0.161491	1 RP11-936I5.1	-
ENSG00000267191	5.234787	-1.779887	0.161491	1 RP11-15A1.2	-
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ENSG00000273485	-4.941771	-1.495101	0.161491	1 RP11-225H22.7	-
ENSG00000112186	-0.940976	4.908921	0.161523	1 CAP2	K17261
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ENSG00000235162	-0.965161	3.806127	0.163061	1 C12orf75	-
ENSG00000125848	-1.210038	1.08637	0.163786	1 FLRT3	K16362
ENSG00000249459	-1.210038	1.08637	0.163786	1 ZNF286B	K09228
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ENSG00000263826	-1.210038	1.08637	0.163786	1 RP11-573D15.9	-
ENSG00000144724	-1.176225	1.063208	0.163786	1 PTPRG	K16667
ENSG00000272338	-1.176225	1.063208	0.163786	1 RP11-722E23.2	-
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ENSG00000173546	0.9188	6.989561	0.16488	1 CSPG4	K08115
ENSG00000114315	-0.940412	4.704589	0.165189	1 HES1	K06054
ENSG00000095370	1.183352	0.858916	0.165529	1 SH2D3C	-
ENSG00000166592	1.183352	0.858916	0.165529	1 RRAD	K07845
ENSG00000147383	0.983639	2.872452	0.165999	1 NSDHL	K07748
ENSG00000138166	-0.921949	5.996899	0.16637	1 DUSP5	K04459
ENSG00000178172	0.926515	4.919256	0.166378	1 SPINK6	-
ENSG00000233077	1.127603	1.530906	0.166992	1 RP11-290F20.2	-
ENSG00000253785	-1.352998	0.864023	0.167446	1 CTC-308K20.3	K01507
ENSG00000134376	-0.966166	3.492934	0.16791	1 CRB1	K16681
ENSG00000234287	0.924603	4.718198	0.169136	1 RP11-761N21.2	K02978
ENSG00000099958	1.21029	0.629559	0.169557	1 DERL3	K13989
ENSG00000244586	1.21029	0.629559	0.169557	1 WNT5A-AS1	-
ENSG00000157216	0.916199	5.703499	0.16956	1 SSBP3	-
ENSG00000114480	0.914569	5.824209	0.169764	1 GBE1	K00700
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ENSG00000127920	-0.907772	7.007695	0.170246	1 GNG11	K04546
ENSG00000253981	-0.966525	3.39645	0.17095	1 ALG1L13P	K03842
ENSG00000142207	0.906533	6.403372	0.171686	1 URB1	K14861
ENSG00000146197	1.327252	0.507388	0.171886	1 SCUBE3	-
ENSG00000199133	1.327252	0.507388	0.171886	1 MIRLET7D	-
ENSG00000225880	1.221653	0.544525	0.171886	1 LINC00115	-
ENSG00000226332	-1.17804	1.439111	0.171981	1 RP11-157P1.4	-
ENSG00000116761	0.903943	6.676488	0.172055	1 CTH	K01758
ENSG00000085063	0.899938	9.042192	0.172165	1 CD59	K04008
ENSG00000123384	0.901808	7.456672	0.172195	1 LRP1	K04550
ENSG00000165389	0.900794	7.565512	0.172573	1 SPTSSA	K01353
ENSG00000137502	0.905244	6.152897	0.172685	1 RAB30	K07917
ENSG00000128422	0.89807	10.31497	0.172777	1 KRT17	K07604
ENSG00000070182	0.956051	3.004671	0.17281	1 SPTB	K06115
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ENSG00000160766	-0.991771	2.677916	0.172973	1 GBAP1	K01201
ENSG00000120211	0.933475	3.640892	0.17318	1 INSL4	K05255
ENSG00000138061	-0.899357	7.68574	0.173356	1 CYP1B1	K07410
ENSG00000230177	1.074865	1.755149	0.1736	1 RP5-1112D6.4	-
ENSG00000168702	1.035518	1.769852	0.1736	1 LRP1B	-
ENSG00000255414	1.090319	1.254434	0.173951	1 LINC01059	-
ENSG00000272341	1.090319	1.254434	0.173951	1 RP1-151F17.2	-
ENSG00000196437	-1.431769	0.498804	0.174456	1 ZNF569	K09228

ENSG00000229666	-1.431769	0.498804	0.174456	1 MAST4-AS1	-
ENSG00000220749	1.249598	0.358371	0.174456	1 RPL21P28	K02889
ENSG00000259328	1.249598	0.358371	0.174456	1 RP11-152F13.7	K08622
ENSG00000064205	0.895785	8.193043	0.174489	1 WISP2	K06827
ENSG00000230715	0.985237	2.352613	0.174694	1 RP11-274B21.4	-
ENSG00000215039	1.035327	1.691453	0.175242	1 CD27-AS1	-
ENSG00000251192	-1.057745	2.104366	0.175703	1 ZNF674	K09228
ENSG00000100342	-0.923043	4.280899	0.176497	1 APOL1	K14480
ENSG00000213672	0.904731	5.088006	0.176803	1 NCKIPSD	-
ENSG00000236901	0.957113	2.708546	0.176873	1 MIR600HG	-
ENSG00000261780	0.967758	2.507298	0.177002	1 CTD-2354A18.1	-
ENSG00000243137	0.918362	4.365793	0.177018	1 PSG4	K06500
ENSG00000141429	-0.895703	6.267455	0.177049	1 GALNT1	K00710
ENSG00000107859	1.035985	1.982731	0.177117	1 PITX3	K09357
ENSG00000097096	-0.938924	3.650743	0.177248	1 SYDE2	K17985
ENSG00000204957	1.40238	0.20966	0.177284	1 AC006486.1	K17985
ENSG00000272525	1.40238	0.20966	0.177284	1 RP11-79P5.9	-
ENSG00000110492	1.267047	0.255801	0.177284	1 MDK	K06828
ENSG00000146090	1.267047	0.255801	0.177284	1 RASGEF1C	-
ENSG00000259146	1.267047	0.255801	0.177284	1 RP1-261D10.2	-
ENSG00000262903	1.267047	0.255801	0.177284	1 RP11-235E17.6	-
ENSG00000270195	1.267047	0.255801	0.177284	1 RP11-572O17.1	-
ENSG00000271119	1.267047	0.255801	0.177284	1 CTD-2012J19.3	-
ENSG00000273449	1.267047	0.255801	0.177284	1 RP11-218F10.3	-
ENSG00000172469	-0.934605	3.400088	0.178845	1 MANEA	K15538
ENSG00000204941	0.897299	5.164889	0.178876	1 PSG5	K06500
ENSG00000127415	-0.969998	2.704559	0.178885	1 IDUA	K14700
ENSG00000143850	-0.983778	2.494774	0.179309	1 PLEKHA6	-
ENSG00000156313	-0.967693	3.122374	0.18032	1 RPGR	K19607
ENSG00000206754	-1.465978	0.251663	0.180372	1 SNORD101	-
ENSG00000151164	-1.402324	0.208302	0.180372	1 RAD9B	K10995
ENSG00000180479	-1.402324	0.208302	0.180372	1 ZNF571	K09228
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ENSG00000198040	-1.402324	0.208302	0.180372	1 ZNF84	K09228
ENSG00000131037	-1.049841	1.963766	0.1804	1 EPS8L1	K17277
ENSG00000260001	-1.049841	1.963766	0.1804	1 TGFBR3L	K15209
ENSG00000155729	-1.009633	2.46397	0.180548	1 KCTD18	-
ENSG00000125246	-0.99716	2.455596	0.180548	1 CLYBL	K11390
ENSG00000268032	1.081918	1.503199	0.180992	1 CTB-52I2.4	K01647
ENSG00000119227	1.034872	1.520929	0.180992	1 PIGZ	K08098
ENSG00000100968	1.169654	0.994261	0.181118	1 NFATC4	K17334
ENSG00000128965	-0.909143	4.271776	0.181237	1 CHAC1	K07232
ENSG00000084764	0.940503	2.755181	0.181468	1 MAPRE3	K10436
ENSG00000027869	-0.970549	2.621316	0.182243	1 SH2D2A	K08273
ENSG00000174799	-0.959824	3.055231	0.182902	1 CEP135	K16461
ENSG00000168274	1.083371	1.456682	0.183242	1 HIST1H2AE	K11251
ENSG00000073464	-1.671341	0.053334	0.183672	1 CLCN4	K05012
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ENSG00000240975	-1.597974	0.003052	0.183672	1 RP11-313M3.1	K02883
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ENSG00000128918	1.530958	-0.162726	0.183672	1 ALDH1A2	K09877
ENSG00000174871	1.530958	-0.162726	0.183672	1 CNIH2	-
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ENSG000000251003	-1.016707	1.868626	0.184097	1 RP11-152P17.2	-
ENSG00000080031	0.907013	3.987413	0.184538	1 PTPRH	K18034
ENSG000000119699	0.983255	2.300432	0.184662	1 TGFB3	K13377
ENSG000000124813	-0.983031	2.540841	0.184745	1 RUNX2	K09278
ENSG000000028116	-0.892213	5.02473	0.185022	1 VRK2	K08816
ENSG000000128710	0.927371	3.40827	0.185413	1 HOXD10	K09295
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ENSG000000261324	-1.088774	1.483589	0.185698	1 RP11-174G6.5	-
ENSG000000143486	0.996078	1.746125	0.186153	1 EIF2D	K15027
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ENSG000000260328	-1.041655	2.093476	0.186235	1 RP11-416I2.1	-
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ENSG000000188707	0.951096	2.920385	0.18678	1 ZBED6CL	-
ENSG00000006611	1.597018	-0.310821	0.187026	1 USH1C	-
ENSG000000172748	1.597018	-0.310821	0.187026	1 ZNF596	K09228
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ENSG000000237976	1.597018	-0.310821	0.187026	1 RP11-126K1.6	-
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ENSG000000150051	-0.923257	3.660952	0.187118	1 MKX	-
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ENSG00000078596	-1.200741	0.928838	0.187314	1 ITM2A	K18241
ENSG000000128512	-0.971518	2.486583	0.187495	1 DOCK4	K17697
ENSG000000108821	0.873247	6.107572	0.188267	1 COL1A1	K06236
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ENSG000000182263	-0.924949	3.265193	0.188824	1 FIGN	-
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ENSG000000120693	1.493347	-0.574178	0.189984	1 SMAD9	K16791
ENSG000000149634	1.493347	-0.574178	0.189984	1 SPATA25	-
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ENSG000000228852	1.493347	-0.574178	0.189984	1 RP11-57H12.5	-
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ENSG000000239002	1.493347	-0.574178	0.189984	1 SCARNA10	-
ENSG000000242078	1.493347	-0.574178	0.189984	1 RP11-738B7.1	-
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ENSG000000261560	1.493347	-0.574178	0.189984	1 RP11-166B2.3	-
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ENSG00000227375	-2.328955	-0.684716	0.191276	1 DLG1-AS1	-
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ENSG00000271997	1.979737	-0.871035	0.191276	1 RP11-97O12.6	-
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ENSG00000176171	0.861019	7.127989	0.192505	1 BNIP3	K15464
ENSG00000180801	-0.89753	3.887451	0.193197	1 ARSJ	K12375
ENSG00000136161	-1.081009	1.25889	0.194613	1 RCBTB2	K11494
ENSG00000273002	1.033711	1.165088	0.194613	1 RP11-336K24.12	-
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ENSG00000228544	1.234632	0.454348	0.199929	1 CCDC183-AS1	-
ENSG00000270673	1.234632	0.454348	0.199929	1 YTHDF3-AS1	-
ENSG00000138161	-1.222941	0.581173	0.199929	1 CUZD1	-
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ENSG00000236199	1.129033	0.492852	0.199929	1 RP11-264I13.2	-
ENSG00000173391	-0.84568	7.785584	0.199974	1 OLR1	K08763
ENSG00000142102	-0.862037	4.899941	0.200059	1 ATHL1	K06566
ENSG00000070759	0.913545	2.880214	0.200597	1 TESK2	K08842
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ENSG00000090238	0.877577	3.501256	0.201419	1 YPEL3	-
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ENSG00000156017	-0.857628	4.837098	0.201945	1 C9orf41	K19787
ENSG00000260948	1.102794	0.955321	0.202302	1 RP11-552M11.8	-
ENSG00000140961	1.032978	0.981921	0.202302	1 OSGIN1	-
ENSG00000159184	1.032978	0.981921	0.202302	1 HOXB13	-
ENSG00000183128	1.032978	0.981921	0.202302	1 CALHM3	K19740
ENSG00000257122	-1.037398	1.448868	0.202662	1 RRN3P3	K15216
ENSG00000072571	-0.849745	5.569357	0.202717	1 HMMR	K06267
ENSG00000169071	0.847814	5.608293	0.202966	1 ROR2	K05123
ENSG00000164414	-0.90862	2.989371	0.20302	1 SLC35A1	K15272
ENSG00000090674	0.855203	4.989022	0.203371	1 MCOLN1	K04992
ENSG00000165533	-0.891344	3.419989	0.203604	1 TTC8	K16781
ENSG00000212907	0.837746	8.298457	0.203626	1 MT-ND4L	K03882
ENSG00000133641	-0.849508	5.207241	0.203687	1 C12orf29	K16533
ENSG00000112972	-0.838713	6.910369	0.204794	1 HMGCS1	K01641
ENSG00000161960	-0.845801	5.446481	0.204841	1 EIF4A1	K03257
ENSG00000160172	-1.013847	1.939489	0.204851	1 FAM86C2P	K03842
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ENSG00000049130	-0.840699	6.440541	0.205014	1 KITLG	K05461
ENSG00000162511	-1.379621	0.462847	0.205414	1 LAPTM5	K12387
ENSG00000238058	-1.379621	0.462847	0.205414	1 RP11-432J22.2	-
ENSG00000256546	-1.379621	0.462847	0.205414	1 AC156455.1	-
ENSG00000235109	-1.001832	1.700777	0.205609	1 ZSCAN31	K09230
ENSG00000088367	0.844596	5.221509	0.20604	1 EPB41L1	K06107
ENSG00000135002	-0.837816	6.275516	0.20635	1 RFK	K00861
ENSG00000188542	-1.098849	1.38498	0.206388	1 DUSP28	K14165
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ENSG00000236810	-1.106123	1.015596	0.206864	1 RP5-886K2.3	-
ENSG00000257950	-1.106123	1.015596	0.206864	1 P2RX5-TAX1BP3	K05219
ENSG00000165905	1.106052	0.887532	0.206864	1 GYLTL1B	K09668
ENSG00000115758	-0.832449	7.118706	0.207815	1 ODC1	K01581
ENSG00000272870	0.989311	1.538405	0.208992	1 RP11-798M19.6	-
ENSG00000183963	0.834691	5.732701	0.209463	1 SMTN	-
ENSG00000082497	-0.832482	6.091709	0.21003	1 SERTAD4	-
ENSG00000065534	0.957776	1.760896	0.210778	1 MYLK	K00907
ENSG00000237424	0.879763	3.176291	0.211063	1 FOXD2-AS1	-

ENSG00000114019	-0.825047	7.458848	0.211375	1 AMOTL2	K16819
ENSG00000174206	-0.877669	3.286959	0.211481	1 C12orf66	-
ENSG00000167094	1.287655	0.14567	0.21179	1 TTC16	-
ENSG00000182253	1.287655	0.14567	0.21179	1 SYNM	K10376
ENSG00000198513	1.287655	0.14567	0.21179	1 ATL1	K17339
ENSG00000205583	1.287655	0.14567	0.21179	1 STAG3L1	K13055
ENSG00000224397	1.287655	0.14567	0.21179	1 RP11-290F20.3	-
ENSG00000249348	1.287655	0.14567	0.21179	1 UGDH-AS1	-
ENSG00000080947	1.152322	0.193847	0.21179	1 CROCCP3	K16469
ENSG00000100060	1.152322	0.193847	0.21179	1 MFNG	K05948
ENSG00000176222	1.152322	0.193847	0.21179	1 ZNF404	K09228
ENSG00000184551	1.152322	0.193847	0.21179	1 AC132872.1	K08959
ENSG00000257108	1.152322	0.193847	0.21179	1 NHLRC4	K03860
ENSG00000258620	1.152322	0.193847	0.21179	1 RP11-362L22.1	-
ENSG00000107443	-1.162438	0.902753	0.21203	1 CCNJ	-
ENSG00000234840	-1.162438	0.902753	0.21203	1 RP11-399D6.2	-
ENSG00000173894	0.934367	1.953858	0.212069	1 CBX2	K11451
ENSG00000182759	0.858842	3.700606	0.212593	1 MAFA	K07595
ENSG00000184574	-1.056292	1.559671	0.212687	1 LPAR5	K08390
ENSG00000123838	0.987693	1.493116	0.212687	1 C4BPA	K04002
ENSG00000117395	-0.8211	8.021554	0.21298	1 EBNA1BP2	K14823
ENSG00000146707	-0.974206	2.171626	0.213042	1 POMZP3	K14316
ENSG00000128284	-0.99948	1.78033	0.2141	1 APOL3	K14480
ENSG00000137440	-0.871519	3.585673	0.21411	1 FGFBP1	-
ENSG00000033170	-0.853585	3.892877	0.215161	1 FUT8	K00717
ENSG00000161091	0.815561	9.266771	0.215292	1 MFSD12	-
ENSG00000204291	0.84571	4.125425	0.215867	1 COL15A1	K08135
ENSG00000244486	0.896617	2.221735	0.216315	1 SCARF2	-
ENSG00000182578	0.909196	2.355335	0.216725	1 CSF1R	K05090
ENSG00000179240	0.984116	1.398162	0.216737	1 RP11-111M22.2	-
ENSG00000261373	-0.853528	3.769976	0.21674	1 VPS9D1-AS1	-
ENSG00000188641	-0.838511	4.3527	0.217017	1 DPYD	K00207
ENSG00000148180	0.815323	6.791141	0.217375	1 GSN	K05768
ENSG00000129474	-0.818994	6.260253	0.217574	1 AJUBA	K16682
ENSG00000039139	-1.231583	0.780296	0.21793	1 DNAH5	K10408
ENSG00000226688	-1.231583	0.780296	0.21793	1 ENTPD1-AS1	-
ENSG00000080854	1.118181	0.663432	0.21793	1 IGSF9B	-
ENSG00000166736	1.118181	0.663432	0.21793	1 HTR3A	K04819
ENSG00000234028	1.118181	0.663432	0.21793	1 AC062029.1	-
ENSG00000261207	1.118181	0.663432	0.21793	1 LA16c-361A3.3	-
ENSG00000102934	-0.829069	4.870262	0.218237	1 PLLP	-
ENSG00000140022	0.866448	3.297614	0.218356	1 STON2	-
ENSG00000153363	-0.942068	2.089839	0.218709	1 LINC00467	-
ENSG00000107099	-1.335731	0.163439	0.219277	1 DOCK8	K13194
ENSG00000196872	-1.335731	0.163439	0.219277	1 KIAA1211L	-
ENSG00000224113	-1.335731	0.163439	0.219277	1 RP5-837J1.2	-
ENSG00000253347	1.312367	0.026781	0.219277	1 CTD-2026D20.2	-
ENSG00000253846	1.312367	0.026781	0.219277	1 PCDHGA10	K16495
ENSG00000254530	1.312367	0.026781	0.219277	1 RP11-460B17.3	-
ENSG00000272822	1.312367	0.026781	0.219277	1 RP11-302B13.5	K07938
ENSG00000106692	-0.831788	4.348368	0.219683	1 FKTN	-
ENSG00000154035	0.856439	3.215104	0.219685	1 C17orf103	K06975
ENSG00000106829	-0.836365	4.170421	0.219698	1 TLE4	-
ENSG00000131981	0.808269	8.10257	0.219906	1 LGALS3	K06831
ENSG00000111731	-0.822298	5.120666	0.220404	1 C2CD5	-
ENSG00000101811	-0.82623	4.790369	0.220634	1 CSTF2	K14407
ENSG00000270696	-0.840532	3.606952	0.220834	1 RP11-342K6.1	-
ENSG00000234665	-1.011007	1.431151	0.221198	1 RP11-262H14.3	-

ENSG00000139974	-0.928421	2.199113	0.221818	1 SLC38A6	K14993
ENSG00000151413	-0.854272	3.047723	0.222922	1 NUBPL	K03593
ENSG00000099194	0.801858	9.433463	0.222957	1 SCD	K00507
ENSG00000179094	0.814252	5.308517	0.223051	1 PER1	K02633
ENSG00000168259	0.821835	4.609303	0.223562	1 DNAJC7	K09527
ENSG00000162729	0.802545	7.529043	0.223624	1 IGSF8	K06730
ENSG00000169136	-0.834932	3.776152	0.223716	1 ATF5	K09044
ENSG00000079805	0.801554	7.38453	0.224342	1 DNMT2	K01528
ENSG00000185864	1.123259	0.580574	0.224728	1 NPIP4	K01896
ENSG00000101236	0.808985	5.688982	0.224901	1 RNF24	-
ENSG00000054938	0.898815	1.932831	0.225187	1 CHRDL2	K17280
ENSG00000171471	0.898815	1.932831	0.225187	1 MAP1LC3B2	K10435
ENSG00000131094	0.817665	4.715297	0.225372	1 C1QL1	-
ENSG00000137767	-0.806967	5.930592	0.225452	1 SQRDL	K17218
ENSG00000054392	-0.883303	2.647238	0.225946	1 HHAT	-
ENSG00000132376	0.807447	5.0869	0.226481	1 INPP5K	K01106
ENSG00000161513	-0.816783	4.477538	0.226494	1 FDXR	K18914
ENSG00000165996	0.843183	3.11254	0.227412	1 PTPLA	K10703
ENSG00000091622	0.802319	5.930376	0.227483	1 PITPNM3	-
ENSG00000154188	-0.8222	4.28017	0.227513	1 ANGPT1	K05465
ENSG00000177138	-1.520674	-0.04925	0.228158	1 FAM9B	K19528
ENSG00000204011	-1.520674	-0.04925	0.228158	1 COL5A1-AS1	-
ENSG00000261270	-1.520674	-0.04925	0.228158	1 RP11-325K4.3	-
ENSG00000271303	0.862227	2.570918	0.228303	1 SRXN1	K12260
ENSG00000132603	-0.804305	5.561063	0.228398	1 NIP7	K07565
ENSG00000143816	0.831777	3.783099	0.228586	1 WNT9A	K01064
ENSG00000163874	0.802329	5.677843	0.228753	1 ZC3H12A	K18668
ENSG00000168505	-0.921817	1.947348	0.228785	1 GBX2	K09321
ENSG00000178685	-0.957762	1.752474	0.229628	1 PARP10	K15261
ENSG00000105696	0.913809	1.697648	0.229628	1 TMEM59L	-
ENSG00000052344	0.847163	3.142587	0.23031	1 PRSS8	K08664
ENSG00000169604	-0.790042	8.2054	0.230438	1 ANTXR1	-
ENSG00000175787	0.985965	1.446399	0.230584	1 ZNF169	K09228
ENSG00000068308	0.938918	1.464845	0.230584	1 OTUD5	K12655
ENSG00000123444	0.827652	3.754122	0.230794	1 KBTBD4	K10472
ENSG00000079215	-0.793203	6.091789	0.231412	1 SLC1A3	K05614
ENSG00000158079	-0.82754	3.941821	0.231434	1 PTPDC1	K18078
ENSG00000163491	-0.925422	2.078806	0.23149	1 NEK10	K08857
ENSG00000131196	0.975219	1.187832	0.23162	1 NFATC1	K04446
ENSG00000003137	-0.816145	4.350408	0.231947	1 CYP26B1	K12664
ENSG00000174606	-0.812616	4.407131	0.232132	1 ANGEL2	K18729
ENSG00000005801	-0.801679	5.100387	0.232207	1 ZNF195	K09228
ENSG00000260498	0.867426	2.614305	0.232421	1 RP4-536B24.4	-
ENSG00000244567	-1.03244	0.966156	0.232558	1 AC096772.6	-
ENSG00000100647	0.821659	3.776827	0.232642	1 KIAA0247	-
ENSG00000201302	-1.172612	0.547265	0.232646	1 SNORA65	-
ENSG00000143387	1.030056	0.439621	0.232646	1 CTSK	K01371
ENSG00000165269	1.030056	0.439621	0.232646	1 AQP7	K08771
ENSG00000100078	-0.958115	1.902207	0.232659	1 PLA2G3	K01047
ENSG00000174628	-0.958115	1.902207	0.232659	1 IQCK	-
ENSG00000136149	0.825291	3.368113	0.23281	1 RPL13AP25	K02872
ENSG00000102743	-0.822119	3.838507	0.233317	1 SLC25A15	K15101
ENSG00000100445	-0.866353	2.552517	0.233372	1 SDR39U1	K07071
ENSG00000259527	0.827078	3.102712	0.233806	1 LINC00052	-
ENSG00000233822	0.861236	2.374032	0.234472	1 HIST1H2BN	K11252
ENSG00000169519	-0.796089	5.22598	0.234563	1 METTL15	-
ENSG00000205560	-0.923706	2.0146	0.23517	1 CPT1B	K19523
ENSG00000213889	-0.923706	2.0146	0.23517	1 PPM1N	K04461

ENSG00000223784	-0.923706	2.0146	0.23517	1 RP11-554I8.2	-
ENSG00000167103	-0.830443	3.427167	0.235176	1 PIP5KL1	K13712
ENSG00000187049	-0.816287	3.63155	0.235417	1 TMEM216	K19385
ENSG00000120162	-0.796032	4.907051	0.235961	1 MOB3B	K12581
ENSG00000170145	0.786584	5.809216	0.236022	1 SIK2	K16311
ENSG00000073921	0.779981	8.376918	0.236112	1 PICALM	-
ENSG00000126368	0.815829	3.737895	0.236157	1 NR1D1	K03728
ENSG00000185585	0.793175	4.875354	0.236229	1 OLFML2A	K12581
ENSG00000171462	0.847331	2.90552	0.237566	1 DLK2	-
ENSG00000111700	-1.019828	1.217755	0.237758	1 SLCO1B3	K05043
ENSG00000204685	-1.019828	1.217755	0.237758	1 STARD7-AS1	-
ENSG00000137261	1.428717	-0.399857	0.23879	1 KIAA0319	-
ENSG00000178773	1.428717	-0.399857	0.23879	1 CPNE7	-
ENSG00000182851	1.428717	-0.399857	0.23879	1 GPIHBP1	-
ENSG00000197701	1.428717	-0.399857	0.23879	1 ZNF595	K09228
ENSG00000224805	1.428717	-0.399857	0.23879	1 LINC00853	-
ENSG00000242396	1.428717	-0.399857	0.23879	1 RP11-67L3.5	-
ENSG00000254064	1.428717	-0.399857	0.23879	1 CTD-2530N21.4	-
ENSG00000257954	1.428717	-0.399857	0.23879	1 RP11-161H23.10	-
ENSG00000264943	1.428717	-0.399857	0.23879	1 SH3GL1P2	K11247
ENSG00000267348	1.428717	-0.399857	0.23879	1 CTB-179K24.3	-
ENSG00000267546	1.428717	-0.399857	0.23879	1 RP11-666A8.8	-
ENSG00000267940	1.428717	-0.399857	0.23879	1 RP11-290F24.6	-
ENSG00000066583	-0.793499	5.044516	0.238811	1 ISOC1	-
ENSG00000253930	-0.911871	1.640967	0.238889	1 RP11-1149O23.2	-
ENSG00000136828	0.893802	2.193493	0.239089	1 RALGPS1	-
ENSG00000165983	-0.800782	4.266443	0.239395	1 PTER	K07048
ENSG00000129354	-0.789361	4.886487	0.239614	1 AP1M2	K12393
ENSG00000088035	-0.793281	4.864159	0.239948	1 ALG6	K03848
ENSG00000232531	1.113679	0.741933	0.240055	1 AC027612.1	K11428
ENSG00000233230	1.113679	0.741933	0.240055	1 AC079807.2	-
ENSG00000065413	1.032002	0.773053	0.240055	1 ANKRD44	K15503
ENSG00000179583	1.032002	0.773053	0.240055	1 CIITA	K08060
ENSG00000184254	-0.796787	4.453674	0.240228	1 ALDH1A3	K00129
ENSG00000198910	0.780186	5.545576	0.24034	1 LICAM	K06550
ENSG00000197746	0.771888	10.2595	0.240352	1 PSAP	K12382
ENSG00000136842	0.824843	3.087353	0.24038	1 TMOD1	K10370
ENSG00000181019	-0.776159	6.79651	0.240415	1 NQO1	K00355
ENSG00000180066	0.851453	2.296451	0.240647	1 C10orf91	-
ENSG00000021645	-0.917402	1.802436	0.241368	1 NRXN3	K07377
ENSG00000162078	-0.917402	1.802436	0.241368	1 ZG16B	-
ENSG00000237310	-0.956731	1.394972	0.241443	1 GS1-124K5.4	-
ENSG00000158457	0.927853	1.317319	0.241443	1 TSPAN33	K17346
ENSG00000246334	0.927853	1.317319	0.241443	1 PRR7-AS1	-
ENSG00000198435	-0.787026	4.885002	0.241609	1 NRARP	-
ENSG00000189007	-0.802241	3.941557	0.241667	1 ADAT2	K15441
ENSG00000267939	-1.325516	0.425862	0.241983	1 CTD-2325M2.1	-
ENSG00000272054	-1.325516	0.425862	0.241983	1 RP11-423P10.2	-
ENSG00000103723	-1.269303	0.387787	0.241983	1 AP3B2	K12397
ENSG00000126246	1.143328	0.300286	0.241983	1 IGFLR1	-
ENSG00000254338	1.143328	0.300286	0.241983	1 RP11-909N17.3	-
ENSG00000257497	1.143328	0.300286	0.241983	1 RP11-585P4.5	-
ENSG00000158528	-0.811684	3.686918	0.242563	1 PPP1R9A	K17551
ENSG00000174804	-0.811684	3.686918	0.242563	1 FZD4	K02354
ENSG00000110042	-0.786501	4.624651	0.242574	1 DTX4	K06058
ENSG00000207652	-0.862485	2.316608	0.244008	1 MIR621	-
ENSG00000231721	0.847948	2.269654	0.244008	1 LINC-PINT	-
ENSG00000234978	-0.957315	1.585004	0.244179	1 RP11-423O2.5	-

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ENSG00000163898	-0.831134	2.872559	0.244366	1 LIPH	K19404
ENSG00000126778	-0.818044	3.083613	0.244408	1 SIX1	K15614
ENSG00000106733	-0.806067	3.58474	0.244409	1 NMRK1	K10524
ENSG00000141564	0.770668	6.21317	0.244571	1 RPTOR	K07204
ENSG00000152582	-1.025522	1.097572	0.244669	1 SPEF2	-
ENSG00000171428	-1.025522	1.097572	0.244669	1 NAT1	K00622
ENSG00000198754	0.966385	1.007955	0.244669	1 OXCT2	K01027
ENSG00000207425	0.966385	1.007955	0.244669	1 Y_RNA	-
ENSG00000256018	0.966385	1.007955	0.244669	1 HIST1H3G	K11253
ENSG00000272767	0.966385	1.007955	0.244669	1 JMJD1C-AS1	-
ENSG00000117174	-0.769854	6.11913	0.245131	1 ZNHIT6	-
ENSG00000133328	-0.869489	2.419164	0.245203	1 HRASLS2	K16817
ENSG00000169908	0.763073	10.44003	0.245677	1 TM4SF1	-
ENSG00000132541	-0.778134	5.271935	0.245729	1 HRSP12	-
ENSG00000083454	-0.803661	3.562644	0.245917	1 P2RX5	K05219
ENSG00000132906	0.772199	5.355524	0.246206	1 CASP9	K04399
ENSG00000178695	-0.785132	4.737114	0.246268	1 KCTD12	-
ENSG00000185842	-0.936441	1.738318	0.246285	1 DNAH14	K10408
ENSG00000074590	-0.792307	4.33516	0.246382	1 NUAK1	K08800
ENSG00000258498	-0.881712	2.168325	0.2464	1 DIO3OS	-
ENSG00000249306	0.856173	2.116649	0.2464	1 RP11-267A15.1	-
ENSG00000116791	-0.770635	5.915522	0.246699	1 CRYZ	K00344
ENSG00000088808	0.815234	2.803328	0.246822	1 PPP1R13B	K17554
ENSG00000198168	-0.808346	3.502174	0.247032	1 SVIP	K14014
ENSG00000115875	-0.76279	7.691686	0.247196	1 SRSF7	K12896
ENSG00000119950	0.764942	6.475483	0.247376	1 MXI1	K09114
ENSG00000138771	-0.774502	5.282078	0.247416	1 SHROOM3	-
ENSG00000174705	0.765947	6.120688	0.24754	1 SH3PXD2B	-
ENSG00000162757	-0.873337	2.272075	0.247574	1 C1orf74	-
ENSG00000184441	0.923599	1.264704	0.247778	1 AP001062.7	-
ENSG00000196391	-0.919727	1.876745	0.247954	1 ZNF774	-
ENSG00000173548	0.76902	5.722676	0.2481	1 SNX33	K17923
ENSG00000102897	-0.786597	4.082351	0.248239	1 LYRM1	-
ENSG00000135069	-0.760227	7.921062	0.248544	1 PSAT1	K00831
ENSG00000120913	0.767856	5.397889	0.248564	1 PDLIM2	-
ENSG00000158483	-0.866116	2.368811	0.248583	1 FAM86C1	-
ENSG00000158246	0.77976	4.449598	0.248628	1 FAM46B	-
ENSG00000183401	-1.144564	0.721298	0.248713	1 CCDC159	-
ENSG00000221500	-1.144564	0.721298	0.248713	1 SNORD100	-
ENSG00000250303	-1.144564	0.721298	0.248713	1 RP11-356J5.12	-
ENSG00000196405	0.762641	6.233178	0.249122	1 EVL	-
ENSG00000155008	-0.872631	2.467796	0.249459	1 APOOL	-
ENSG00000112096	0.75756	8.515058	0.249627	1 SOD2	K04564
ENSG00000229419	0.935483	1.417278	0.249994	1 RALGAPA1P	-
ENSG00000221867	0.790176	3.447361	0.250333	1 MAGEA3	-
ENSG00000139324	-0.770211	5.143018	0.251188	1 TMTC3	-
ENSG00000132000	-1.622248	-0.434073	0.251568	1 PODNL1	-
ENSG00000151623	-1.622248	-0.434073	0.251568	1 NR3C2	K08555
ENSG00000214198	-1.622248	-0.434073	0.251568	1 RP11-642P15.1	-
ENSG00000230042	-1.622248	-0.434073	0.251568	1 AK3P3	K00944
ENSG00000237651	-1.622248	-0.434073	0.251568	1 C2orf74	-
ENSG00000248698	-1.622248	-0.434073	0.251568	1 LINC01085	-
ENSG00000257433	-1.622248	-0.434073	0.251568	1 RP1-197B17.3	-
ENSG00000272825	-1.622248	-0.434073	0.251568	1 LL21NC02-1C16.2	-
ENSG00000108602	-1.508305	-0.507097	0.251568	1 ALDH3A1	K00129
ENSG00000153902	-1.508305	-0.507097	0.251568	1 LGI4	-
ENSG00000196427	-1.508305	-0.507097	0.251568	1 NBPF4	-

ENSG00000197061	-1.508305	-0.507097	0.251568	1 HIST1H4C	K11253
ENSG00000214184	-1.508305	-0.507097	0.251568	1 AC012487.2	-
ENSG00000235475	-1.508305	-0.507097	0.251568	1 RP11-166O4.5	-
ENSG00000238363	-1.508305	-0.507097	0.251568	1 SNORA13	-
ENSG00000250731	-1.508305	-0.507097	0.251568	1 TPM3P6	K09290
ENSG00000259343	-1.508305	-0.507097	0.251568	1 RP11-761I4.3	-
ENSG00000270019	-1.508305	-0.507097	0.251568	1 RP11-141B14.1	-
ENSG00000270587	-1.508305	-0.507097	0.251568	1 RP11-51F16.9	-
ENSG00000179364	0.90636	1.615483	0.251644	1 PACS2	-
ENSG00000143498	-0.803227	3.454955	0.252051	1 TAF1A	K15212
ENSG00000063169	0.775418	4.287905	0.252224	1 GLTSCR1	K12581
ENSG00000186994	1.032685	0.915494	0.252505	1 KANK3	K09654
ENSG00000232833	1.032685	0.915494	0.252505	1 FAM27E3	-
ENSG00000156804	0.800451	3.206764	0.252625	1 FBXO32	K10305
ENSG00000167074	0.800451	3.206764	0.252625	1 TEF	K09058
ENSG00000100319	0.77392	4.045813	0.252979	1 ZMAT5	K13152
ENSG00000181894	0.820511	2.952266	0.253383	1 ZNF329	-
ENSG00000264112	-0.784011	3.706807	0.253613	1 RP11-159D12.2	-
ENSG00000151208	0.762983	4.983701	0.253907	1 DLG5	-
ENSG00000203705	-0.774621	4.417161	0.253915	1 TATDN3	K03424
ENSG00000148842	0.76316	4.625722	0.254213	1 CNNM2	K16302
ENSG00000170522	-0.774256	4.504518	0.254392	1 ELOVL6	K10203
ENSG00000198130	-0.774256	4.504518	0.254392	1 HIBCH	K05605
ENSG00000198830	-0.75347	6.726919	0.254439	1 HMGN2	K11300
ENSG00000103381	-0.782624	3.569729	0.254528	1 CPPED1	-
ENSG00000121671	0.767394	4.535635	0.25461	1 CRY2	K02295
ENSG00000245958	-0.817832	2.829657	0.25521	1 RP11-33B1.1	-
ENSG00000168118	0.770514	4.260669	0.255242	1 RAB4A	K07879
ENSG00000130270	0.775344	4.053764	0.255474	1 ATP8B3	K01530
ENSG00000138459	-0.768134	4.563002	0.255552	1 SLC35A5	K15274
ENSG00000146072	-0.761331	5.130578	0.255806	1 TNFRSF21	K05157
ENSG00000244627	0.81885	2.252547	0.255952	1 RP3-449O17.1	K18079
ENSG00000132109	-0.777455	4.213022	0.256067	1 TRIM21	K10651
ENSG00000119986	0.746688	7.746257	0.256954	1 AVPI1	-
ENSG00000185100	0.773506	3.764564	0.257066	1 ADSSL1	K01939
ENSG00000175279	-0.834027	2.573888	0.25718	1 APITD1	K11511
ENSG00000126838	0.761176	4.79375	0.257269	1 PZP	K03910
ENSG00000142188	0.855113	1.545813	0.257504	1 TMEM50B	-
ENSG00000171282	0.855113	1.545813	0.257504	1 RP11-1055B8.7	-
ENSG00000186847	0.855113	1.545813	0.257504	1 KRT14	K07604
ENSG00000239779	-0.827098	2.727544	0.257756	1 WBP1	-
ENSG00000183722	-0.875684	1.774987	0.258293	1 LHFP	-
ENSG00000167615	0.875506	1.712928	0.258293	1 LENG8	-
ENSG00000196177	-0.777678	3.844102	0.258701	1 ACADSB	K09478
ENSG00000232336	-1.051957	0.659466	0.25882	1 RP11-782C8.3	-
ENSG00000258325	-1.051957	0.659466	0.25882	1 RP4-816N1.6	-
ENSG00000169282	1.030639	0.53019	0.25882	1 KCNAB1	K04882
ENSG00000255320	1.030639	0.53019	0.25882	1 RP11-755F10.1	-
ENSG00000272356	1.030639	0.53019	0.25882	1 RP5-1112D6.8	-
ENSG00000136371	-0.792008	3.12387	0.258872	1 MTHFS	K01934
ENSG00000006638	0.767567	3.923722	0.258921	1 TBXA2R	K04264
ENSG00000165072	0.773799	3.958006	0.258988	1 MAMDC2	-
ENSG00000155893	-0.796734	3.285498	0.259232	1 ACPL2	-
ENSG00000169155	0.753585	4.679973	0.25932	1 ZBTB43	K10514
ENSG00000106991	0.83956	1.991401	0.259338	1 ENG	K06526
ENSG00000185112	-0.776048	3.683043	0.259931	1 FAM43A	-
ENSG00000151025	-0.852332	2.35981	0.26021	1 GPR158	K08469
ENSG00000165475	-0.846906	2.451001	0.2604	1 CRYL1	K13247

ENSG00000116701	-0.76287	4.32844	0.260667	1 NCF2	K08010
ENSG00000120708	0.739994	8.170395	0.260867	1 TGFBI	K19519
ENSG00000205885	0.793807	2.889238	0.261059	1 C1RL-AS1	-
ENSG00000137460	-0.799076	2.981391	0.261123	1 FHDC1	K10408
ENSG00000185261	-0.994138	0.940705	0.261464	1 KIAA0825	-
ENSG00000105793	-0.758099	4.782199	0.261764	1 GTPBP10	-
ENSG00000238266	-0.749022	5.48406	0.261801	1 LINC00707	-
ENSG00000106443	-0.750983	5.171166	0.262375	1 PHF14	-
ENSG00000197555	0.757783	4.65048	0.262585	1 SIPA1L1	K17701
ENSG00000242687	0.908626	1.094705	0.262816	1 AC004893.11	-
ENSG00000180592	0.766856	3.50692	0.263301	1 SKIDA1	-
ENSG00000139915	-0.928808	1.376495	0.263542	1 MDGA2	-
ENSG00000106868	-0.908544	1.552735	0.263939	1 SUSD1	-
ENSG00000139187	-0.908544	1.552735	0.263939	1 KLRG1	K10076
ENSG00000093217	0.893358	1.483016	0.263939	1 XYL B	K00854
ENSG00000226396	0.893358	1.483016	0.263939	1 RPS14P3	K02955
ENSG00000149474	-0.809898	2.753374	0.26394	1 CSRP2BP	K18188
ENSG00000240356	-0.817513	2.520755	0.264114	1 RPL23AP7	K02893
ENSG00000166801	-0.900143	1.863826	0.264252	1 FAM111A	-
ENSG00000078098	-0.880289	1.850776	0.264252	1 FAP	K08674
ENSG00000103226	0.848228	2.055353	0.264288	1 NOMO3	-
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ENSG00000106078	0.738285	6.08995	0.264608	1 COBL	K18623
ENSG00000168610	0.734721	7.650889	0.264672	1 STAT3	K04692
ENSG00000139428	-0.745893	4.954213	0.26519	1 MMAB	K00798
ENSG00000100226	0.738578	6.153144	0.265384	1 GTPBP1	-
ENSG00000163995	0.763096	3.758218	0.266189	1 ABLIM2	K07520
ENSG00000170955	-0.74293	4.975207	0.266499	1 PRKCDBP	-
ENSG00000183615	0.760126	3.639854	0.266521	1 FAM167B	-
ENSG00000147166	-2.193622	-0.77266	0.266667	1 ITGB1BP2	K16735
ENSG00000148346	-2.193622	-0.77266	0.266667	1 LCN2	-
ENSG00000169429	-2.193622	-0.77266	0.266667	1 IL8	K10030
ENSG00000183826	-2.193622	-0.77266	0.266667	1 BTBD9	K10481
ENSG00000196684	-2.193622	-0.77266	0.266667	1 HSH2D	-
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ENSG00000225721	-2.193622	-0.77266	0.266667	1 RP11-269F19.2	-
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ENSG00000248783	-2.193622	-0.77266	0.266667	1 RP11-308B16.2	-
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ENSG00000271933	-2.193622	-0.77266	0.266667	1 RP11-338I21.1	-
ENSG00000102195	1.720581	-0.998959	0.266667	1 GPR50	K04287
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ENSG00000131730	1.720581	-0.998959	0.266667	1 CKMT2	K00933
ENSG00000132837	1.720581	-0.998959	0.266667	1 DMGDH	K00315
ENSG00000157703	1.720581	-0.998959	0.266667	1 SVOPL	-
ENSG00000160282	1.720581	-0.998959	0.266667	1 FTCD	K13990
ENSG00000173175	1.720581	-0.998959	0.266667	1 ADCY5	K08045
ENSG00000173868	1.720581	-0.998959	0.266667	1 PHOSPHO1	K06124
ENSG00000179774	1.720581	-0.998959	0.266667	1 ATOH7	K09083
ENSG00000188886	1.720581	-0.998959	0.266667	1 ASTL	K08778
ENSG00000206561	1.720581	-0.998959	0.266667	1 COLQ	-
ENSG00000213413	1.720581	-0.998959	0.266667	1 PVRIG	-
ENSG00000226413	1.720581	-0.998959	0.266667	1 OR8T1P	K04257
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ENSG00000228288	1.720581	-0.998959	0.266667	1 PCAT6	-
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ENSG00000236986	1.720581	-0.998959	0.266667	1 RP11-544A12.4	-
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ENSG00000243176	1.720581	-0.998959	0.266667	1 RP11-550I24.2	-
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ENSG00000160584	0.747032	4.671397	0.266697	1 SIK3	K19009
ENSG00000167535	0.747032	4.671397	0.266697	1 CACNB3	K04864
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ENSG00000186056	-1.265914	0.116968	0.266675	1 MATN1-AS1	-
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ENSG00000110080	0.733292	6.415819	0.267291	1 ST3GAL4	K03494
ENSG00000103534	0.738615	5.196667	0.267548	1 TMC5	K12581
ENSG00000248098	0.777466	3.230811	0.267908	1 BCKDHA	K00166
ENSG00000169019	-0.757739	4.337086	0.268	1 COMMD8	-
ENSG00000152484	0.730921	6.382973	0.268441	1 USP12	K11842
ENSG00000065833	-0.742002	5.097726	0.269244	1 ME1	K00029
ENSG00000080845	0.73499	5.35232	0.269578	1 DLGAP4	-
ENSG00000104320	-0.731084	6.435315	0.26996	1 NBN	K10867
ENSG00000072682	0.728016	6.569642	0.270349	1 P4HA2	K00472
ENSG00000203883	0.744188	4.580572	0.270546	1 SOX18	K09270
ENSG00000102362	-1.120464	0.51244	0.270771	1 SYTL4	K17598
ENSG00000186710	-1.120464	0.51244	0.270771	1 CCDC42B	K14808
ENSG00000222365	-1.120464	0.51244	0.270771	1 SNORD12B	-
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ENSG00000249572	-1.120464	0.51244	0.270771	1 CTD-2203K17.1	-
ENSG00000259456	-1.120464	0.51244	0.270771	1 RP5-914P20.5	-
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ENSG00000170776	0.728725	6.313853	0.271201	1 AKAP13	K16529
ENSG00000119514	0.919006	1.210162	0.271493	1 GALNT12	K00710
ENSG00000121895	-0.758535	3.89772	0.271569	1 TMEM156	K09228
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ENSG00000165390	-1.041024	0.821171	0.2718	1 ANXA8	K17096
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ENSG00000166793	0.949924	0.728498	0.2718	1 YPEL4	-
ENSG00000260774	0.949924	0.728498	0.2718	1 CTD-2083E4.4	-
ENSG00000135596	-0.990897	1.074514	0.271828	1 MICAL1	-
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ENSG00000260260	0.754884	3.900504	0.272853	1 RP11-304L19.5	-
ENSG00000257704	0.751034	3.423677	0.273073	1 PRR24	-
ENSG00000117472	0.756303	3.326232	0.273801	1 TSPAN1	K17348
ENSG00000264281	0.785976	2.623951	0.273923	1 CTD-2031P19.4	K02928
ENSG00000067992	0.77174	2.953475	0.274374	1 PDK3	K00898
ENSG00000173166	0.834923	1.958357	0.274487	1 RAPH1	-
ENSG00000166822	-0.754413	3.70642	0.274563	1 TMEM170A	K04613
ENSG00000178202	-0.737388	4.812005	0.274717	1 KDEL2	K12581
ENSG00000196937	-0.728142	5.394398	0.275054	1 FAM3C	-
ENSG00000173588	-0.748069	4.127762	0.275079	1 CCDC41	K16754
ENSG00000145287	-0.72027	6.99342	0.275248	1 PLAC8	-
ENSG00000117394	0.720797	6.445368	0.275597	1 SLC2A1	K07299
ENSG00000120616	-0.740254	4.406671	0.275813	1 EPC1	K11322
ENSG00000242265	-0.723554	6.124251	0.275994	1 PEG10	-
ENSG00000256667	-0.854363	1.761041	0.276398	1 KLRAP1	-
ENSG00000137628	-0.72054	6.596252	0.276504	1 DDX60	-
ENSG00000149243	-0.780529	3.030118	0.27669	1 KLHL35	K10461
ENSG00000197119	0.717864	6.411645	0.277211	1 SLC25A29	K15109
ENSG00000178904	-0.736555	4.459289	0.277297	1 DPY19L3	K12581
ENSG00000205220	-0.755861	3.182268	0.277647	1 PSMB10	K02733
ENSG00000196914	0.716599	6.708605	0.277839	1 ARHGEF12	K07532
ENSG00000067082	-0.717878	6.560119	0.27804	1 KLF6	K09207
ENSG00000132570	-0.810015	2.558338	0.278422	1 PCBD2	K01724
ENSG00000130382	0.719513	5.379004	0.278782	1 MLLT1	K15187
ENSG00000102738	-0.728403	4.797894	0.278785	1 MRPS31	K17410
ENSG00000196668	0.877524	1.337583	0.278896	1 LINC00173	-
ENSG00000111145	-0.728707	4.568337	0.278962	1 ELK3	K09430
ENSG00000255112	0.714705	6.721581	0.279076	1 CHMP1B	K08834
ENSG00000144749	-0.812647	2.473877	0.279364	1 LRIG1	-
ENSG00000169193	-0.799727	2.465534	0.279364	1 CCDC126	-
ENSG00000145348	-0.772503	2.765361	0.279536	1 TBCK	K17544
ENSG00000186687	-0.727615	4.420954	0.279778	1 LYRM7	K18170
ENSG00000146263	-0.731251	4.308486	0.280123	1 MMS22L	-
ENSG00000164695	-0.729095	4.683435	0.280162	1 CHMP4C	K12194
ENSG00000185186	0.830065	1.924558	0.280167	1 LINC00313	-
ENSG00000139438	0.914031	1.153549	0.280417	1 FAM222A	-
ENSG00000104549	-0.715202	6.400598	0.280496	1 SQLE	K00511
ENSG00000152137	0.733082	3.955617	0.280714	1 HSPB8	K08879
ENSG00000164463	0.745876	3.272922	0.280845	1 CREBRF	-
ENSG00000151012	-0.728946	4.410717	0.280919	1 SLC7A11	K13869
ENSG00000035681	-0.720597	5.338224	0.281021	1 NSMAF	K18953
ENSG00000077044	0.710173	7.372743	0.281122	1 DGKD	K00901
ENSG00000107957	0.709809	7.533837	0.281184	1 SH3PXD2A	-
ENSG00000242221	0.746169	3.398993	0.281301	1 PSG2	K06500
ENSG00000127081	0.814612	2.224949	0.281607	1 ZNF484	K09228
ENSG00000105663	0.958994	0.874741	0.282111	1 KMT2B	-
ENSG00000053918	0.889177	0.902853	0.282111	1 KCNQ1	K04926
ENSG00000175879	0.889177	0.902853	0.282111	1 HOXD8	K09308
ENSG00000220804	0.889177	0.902853	0.282111	1 AC093642.5	K16941
ENSG00000255455	0.889177	0.902853	0.282111	1 RP11-890B15.3	-
ENSG00000008226	1.951624	-1.267408	0.282609	1 DLEC1	K15696
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ENSG00000075886	1.951624	-1.267408	0.282609	1 TUBA3D	K07374
ENSG00000091844	1.951624	-1.267408	0.282609	1 RGS17	K16449
ENSG00000104888	1.951624	-1.267408	0.282609	1 SLC17A7	K12302
ENSG00000109061	1.951624	-1.267408	0.282609	1 MYH1	K10352

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ENSG00000127588	1.951624	-1.267408	0.282609	1 GNG13	K04547
ENSG00000143199	1.951624	-1.267408	0.282609	1 ADCY10	K11265
ENSG00000151892	1.951624	-1.267408	0.282609	1 GFRA1	-
ENSG00000167748	1.951624	-1.267408	0.282609	1 KLK1	K01325
ENSG00000171747	1.951624	-1.267408	0.282609	1 LGALS4	K10091
ENSG00000178342	1.951624	-1.267408	0.282609	1 KCNG2	K04901
ENSG00000187554	1.951624	-1.267408	0.282609	1 TLR5	K10168
ENSG00000196644	1.951624	-1.267408	0.282609	1 GPR89C	-
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ENSG00000232004	1.951624	-1.267408	0.282609	1 CAP1P2	K17261
ENSG00000232355	1.951624	-1.267408	0.282609	1 RP11-263F14.3	K10104
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ENSG00000233087	1.951624	-1.267408	0.282609	1 AC073869.1	K07895
ENSG00000237082	1.951624	-1.267408	0.282609	1 COX5BP6	K02265
ENSG00000237505	1.951624	-1.267408	0.282609	1 RP11-76N22.2	-
ENSG00000238133	1.951624	-1.267408	0.282609	1 MLK7-AS1	-
ENSG00000241782	1.951624	-1.267408	0.282609	1 RP11-91P24.1	K02889
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ENSG00000259243	1.951624	-1.267408	0.282609	1 GOLGA6L19	-
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ENSG00000269915	1.951624	-1.267408	0.282609	1 AP006621.9	-
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ENSG00000214013	-0.748755	3.229622	0.284121	1 GANC	-
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ENSG00000185024	0.720093	4.636582	0.285047	1 BRF1	K15196
ENSG00000197467	-0.824364	2.341621	0.285106	1 COL13A1	K16617
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ENSG00000216636	4.668855	-2.01648	0.285714	1 RPL7P25	K02937
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ENSG00000078795	-4.631531	-1.658813	0.285714	1 PKD2L2	K04991

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ENSG00000107611	-4.631531	-1.658813	0.285714	1 CUBN	K14616
ENSG00000114786	-4.631531	-1.658813	0.285714	1 ABHD14A-ACY1	K14677
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ENSG00000121577	-4.631531	-1.658813	0.285714	1 POPDC2	-
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ENSG00000153993	-4.631531	-1.658813	0.285714	1 SEMA3D	K06840
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ENSG00000158258	-4.631531	-1.658813	0.285714	1 CLSTN2	K12581
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ENSG00000229852	-4.631531	-1.658813	0.285714	1 RP11-398K22.12	-
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ENSG00000266283	-4.631531	-1.658813	0.285714	1 RP11-627G18.1	--
ENSG00000267637	-4.631531	-1.658813	0.285714	1 RP11-619I22.1	--
ENSG00000268069	-4.631531	-1.658813	0.285714	1 AC004466.1	K11408
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ENSG00000271161	-4.631531	-1.658813	0.285714	1 RP11-708J19.2	-
ENSG00000272201	-4.631531	-1.658813	0.285714	1 U47924.30	-
ENSG00000272360	-4.631531	-1.658813	0.285714	1 RP11-359I18.5	-
ENSG00000272457	-4.631531	-1.658813	0.285714	1 RP11-1070A24.2	-
ENSG00000272854	-4.631531	-1.658813	0.285714	1 RP4-593H12.1	-
ENSG00000272941	-4.631531	-1.658813	0.285714	1 RP11-134L10.1	-
ENSG00000273097	-4.631531	-1.658813	0.285714	1 RP11-219C20.3	-
ENSG00000273264	-4.631531	-1.658813	0.285714	1 RP11-131L23.2	-
ENSG00000273384	-4.631531	-1.658813	0.285714	1 RP5-1098D14.1	-
ENSG00000273389	-4.631531	-1.658813	0.285714	1 RP13-514E23.2	-
ENSG00000273493	-4.631531	-1.658813	0.285714	1 RP11-80H18.4	-
ENSG00000175115	0.704478	6.664569	0.286001	1 PACS1	-
ENSG00000144048	-0.714501	5.087422	0.286049	1 DUSP11	K14165
ENSG00000105427	0.786579	1.868122	0.286292	1 CNFN	-
ENSG00000256982	0.786579	1.868122	0.286292	1 CTD-2555A7.2	-
ENSG00000169242	0.70297	6.845697	0.286757	1 EFNA1	K05462
ENSG00000213865	0.754198	3.178925	0.286807	1 C8orf44	K12581
ENSG00000196696	-0.779767	2.496422	0.28681	1 PDXDC2P	-
ENSG00000173950	-0.721436	4.523365	0.287169	1 XXYLT1	-
ENSG00000162413	0.709913	5.517023	0.28733	1 KLHL21	K10458
ENSG00000255198	0.871451	1.285769	0.287651	1 SNHG9	-
ENSG00000162804	0.725671	3.958529	0.28766	1 SNED1	-
ENSG00000173727	0.741735	2.965498	0.287895	1 AP000769.1	K02983
ENSG00000148444	-0.72779	4.181621	0.287928	1 COMMD3	K11459
ENSG00000152778	-0.762265	2.828262	0.288039	1 IFIT5	K14217
ENSG00000145908	-0.744738	3.605597	0.288089	1 ZNF300	K09228
ENSG00000153558	0.746881	3.068334	0.288796	1 FBXL2	K10268
ENSG00000143353	-0.730848	3.912023	0.288852	1 LYPLAL1	K06999
ENSG00000129028	-0.776704	2.935733	0.289047	1 THAP10	-
ENSG00000113504	0.706207	5.141701	0.289412	1 SLC12A7	K13627
ENSG00000089847	0.90273	1.033447	0.290499	1 ANKRD24	-
ENSG00000229932	0.90273	1.033447	0.290499	1 YWHAZP3	K16197
ENSG00000270223	0.90273	1.033447	0.290499	1 RP13-36G14.4	-
ENSG00000119725	-0.889084	1.131318	0.290499	1 ZNF410	K13949
ENSG00000230615	-0.889084	1.131318	0.290499	1 RP5-1198O20.4	-
ENSG00000135406	0.841766	1.058421	0.290499	1 PRPH	K07607
ENSG00000223891	0.813496	1.562887	0.290856	1 OSER1-AS1	-
ENSG00000131725	0.699989	5.623477	0.29139	1 WDR44	-
ENSG00000188690	-0.705702	5.046975	0.291476	1 UROS	K01719
ENSG00000129657	0.696367	6.361631	0.291832	1 SEC14L1	-
ENSG00000169189	-0.711574	4.778843	0.291972	1 NSMCE1	-
ENSG00000120699	-0.698006	6.403749	0.292084	1 EXOSC8	K12586
ENSG00000145506	0.718145	4.134115	0.292292	1 NKD2	K03213
ENSG00000165929	0.732368	3.140097	0.292459	1 TC2N	K17287
ENSG00000163964	-0.705816	5.025655	0.292611	1 PIGX	K07541
ENSG00000188994	0.707174	4.908222	0.292844	1 ZNF292	-
ENSG00000163104	-0.704576	5.135466	0.29286	1 SMARCAD1	K14439
ENSG00000142046	0.813991	1.818271	0.292915	1 TMEM91	-
ENSG00000238084	-0.806598	1.871983	0.292915	1 RP3-469D22.1	K00237
ENSG00000243749	-0.806598	1.871983	0.292915	1 ZMYM6NB	-
ENSG00000268460	-0.787935	2.366238	0.293234	1 AC006262.6	-
ENSG00000118513	-0.904736	1.458613	0.293828	1 MYB	K09420
ENSG00000143614	0.883172	1.387656	0.293828	1 GATAD2B	-
ENSG00000152763	0.883172	1.387656	0.293828	1 WDR78	-
ENSG00000188277	0.883172	1.387656	0.293828	1 C15orf62	-

ENSG00000186615	0.836125	1.406868	0.293828	1 KTN1-AS1	-
ENSG00000215067	0.836125	1.406868	0.293828	1 AC027763.2	K12417
ENSG00000249199	0.836125	1.406868	0.293828	1 CTD-2139B15.5	-
ENSG00000146426	-0.954791	0.91474	0.293949	1 TIAM2	K16847
ENSG00000172062	-0.954791	0.91474	0.293949	1 SMN1	K13129
ENSG00000203739	0.954703	0.803404	0.293949	1 RP11-296O14.3	-
ENSG00000225573	0.954703	0.803404	0.293949	1 RPL35P5	K02918
ENSG00000229729	0.954703	0.803404	0.293949	1 RP11-159G9.5	-
ENSG00000236992	0.954703	0.803404	0.293949	1 RPL12L3	K02870
ENSG00000164953	-0.714624	4.186325	0.294034	1 TMEM67	K19348
ENSG00000163283	0.691308	7.245061	0.294153	1 ALPP	K01077
ENSG00000181481	-0.716087	4.066115	0.294212	1 RNF135	K16272
ENSG00000064651	-0.714718	4.286117	0.295258	1 SLC12A2	K10951
ENSG00000203875	-0.70106	4.871353	0.295425	1 SNHG5	-
ENSG00000250337	-0.70714	4.504139	0.295507	1 LINC01021	-
ENSG00000118503	-0.703753	4.799376	0.29561	1 TNFAIP3	K11859
ENSG00000131069	-0.693863	5.689487	0.29586	1 ACSS2	K01895
ENSG00000196449	-0.705399	4.808774	0.296154	1 YRDC	-
ENSG00000164850	0.720801	3.688934	0.296425	1 GPER1	K04246
ENSG00000167703	0.694835	5.137977	0.296474	1 SLC43A2	K08229
ENSG00000165655	-0.72195	3.774767	0.296639	1 ZNF503	-
ENSG00000234362	0.79267	1.903188	0.296983	1 AC104654.2	-
ENSG00000161642	0.697844	4.921374	0.297043	1 ZNF385A	-
ENSG00000182871	0.752207	2.660073	0.297256	1 COL18A1	K06823
ENSG00000106610	-0.715534	3.993797	0.297339	1 STAG3L4	K13055
ENSG00000183474	-0.9261	1.269403	0.297457	1 GTF2H2C	K03142
ENSG00000183840	-0.9261	1.269403	0.297457	1 GPR39	K08412
ENSG00000253598	0.857819	1.176412	0.297457	1 SLC10A5	K14343
ENSG00000184470	-0.690959	6.127452	0.297731	1 TXNRD2	K00384
ENSG00000115841	-1.003325	0.627399	0.298081	1 RMDN2	K12756
ENSG00000265962	-1.003325	0.627399	0.298081	1 RP11-674N23.1	-
ENSG00000135338	-0.952996	0.594511	0.298081	1 LCA5	-
ENSG00000186007	-0.952996	0.594511	0.298081	1 LEMD1	-
ENSG00000261690	-0.952996	0.594511	0.298081	1 AC009133.12	-
ENSG00000180834	0.931663	0.478331	0.298081	1 MAP6D1	-
ENSG00000198134	0.931663	0.478331	0.298081	1 RP11-267J23.4	K13784
ENSG00000263412	0.931663	0.478331	0.298081	1 RP5-890E16.2	-
ENSG00000107262	0.683918	8.62852	0.298114	1 BAG1	K09555
ENSG00000167550	-0.714054	3.699164	0.298522	1 RHEBL1	K07849
ENSG00000122035	0.714533	3.906841	0.298984	1 RASL11A	K07852
ENSG00000153832	-0.815924	1.578257	0.299162	1 FBXO36	K10312
ENSG00000203724	-0.815924	1.578257	0.299162	1 C1orf53	-
ENSG00000163386	0.754586	2.566985	0.299211	1 NBPF10	-
ENSG00000172183	-0.708223	4.169351	0.299393	1 ISG20	K12579
ENSG00000140459	-0.712595	3.661583	0.299542	1 CYP11A1	K00498
ENSG00000127663	0.691641	5.093585	0.299594	1 KDM4B	K06709
ENSG00000272645	-0.839744	1.824277	0.300098	1 RP11-504P24.8	-
ENSG00000102878	-0.724181	3.162183	0.300153	1 HSF4	K09417
ENSG00000121988	-0.724181	3.162183	0.300153	1 ZRANB3	K09488
ENSG00000153904	-0.685009	6.401203	0.301059	1 DDAH1	K01482
ENSG00000171346	0.750111	2.747547	0.301579	1 KRT15	K07604
ENSG00000095637	0.732868	2.754552	0.301579	1 SORBS1	K06086
ENSG00000253276	-0.706606	3.988202	0.301752	1 CCDC71L	-
ENSG00000162971	-0.714688	3.644209	0.301763	1 TYW5	K18066
ENSG00000198440	-0.95542	1.051035	0.301975	1 ZNF583	K09228
ENSG00000221995	0.896275	0.969574	0.301975	1 TIAF1	K10362
ENSG00000075651	0.692845	4.845398	0.302166	1 PLD1	K01115
ENSG00000105329	0.680592	6.523364	0.302175	1 TGFB1	K13375

ENSG00000188167	1.163012	0.079269	0.302645	1 TMPPE	-
ENSG00000232630	1.163012	0.079269	0.302645	1 PRPS1P2	K00948
ENSG00000236861	1.163012	0.079269	0.302645	1 AC006378.2	-
ENSG00000269979	1.163012	0.079269	0.302645	1 RP11-498E2.7	-
ENSG00000270133	1.163012	0.079269	0.302645	1 CTC-303L1.2	-
ENSG00000125775	1.027679	0.129644	0.302645	1 SDCBP2	-
ENSG00000180015	1.027679	0.129644	0.302645	1 RP11-756P10.3	K02835
ENSG00000213073	1.027679	0.129644	0.302645	1 RP11-288H12.3	K17610
ENSG00000227533	1.027679	0.129644	0.302645	1 SLC2A1-AS1	-
ENSG00000234281	1.027679	0.129644	0.302645	1 AC007970.1	-
ENSG00000234648	1.027679	0.129644	0.302645	1 AL162151.3	K02925
ENSG00000240891	1.027679	0.129644	0.302645	1 PLCXD2	-
ENSG00000197971	-0.711938	3.900139	0.3027	1 MBP	K17269
ENSG00000171246	0.67668	8.124754	0.303524	1 NPTX1	-
ENSG00000247134	-0.847861	1.680097	0.303817	1 RP11-11N9.4	-
ENSG00000182885	-0.82484	1.665124	0.303817	1 GPR97	K08452
ENSG00000076928	0.820224	1.605921	0.303817	1 ARHGEF1	K12330
ENSG00000237172	0.780877	1.622236	0.303817	1 B3GNT9	K18705
ENSG00000269430	0.756824	2.059312	0.303985	1 LRRC3DN	-
ENSG00000197757	0.713666	3.464674	0.304259	1 HOXC6	K09306
ENSG00000005020	-0.691839	4.783541	0.304259	1 SKAP2	-
ENSG00000226479	-0.696668	4.44506	0.304322	1 TMEM185B	-
ENSG0000023572	-0.693409	4.44303	0.304322	1 GLRX2	K03676
ENSG00000080608	-0.678421	6.711418	0.304436	1 KIAA0020	K14844
ENSG00000185986	-0.725885	3.337181	0.304519	1 SDHAP3	K00234
ENSG00000092978	-0.709255	3.834131	0.304729	1 GPATCH2	K17569
ENSG00000163584	-0.675382	7.602045	0.305117	1 RPL22L1	K02891
ENSG00000079435	1.238158	-0.493694	0.305221	1 LIPE	K07188
ENSG00000104327	1.238158	-0.493694	0.305221	1 CALB1	K14757
ENSG00000138316	1.238158	-0.493694	0.305221	1 ADAMTS14	K08628
ENSG00000147394	1.238158	-0.493694	0.305221	1 ZNF185	-
ENSG00000183682	1.238158	-0.493694	0.305221	1 BMP8A	K16622
ENSG00000197245	1.238158	-0.493694	0.305221	1 FAM110D	-
ENSG00000205086	1.238158	-0.493694	0.305221	1 C2orf91	-
ENSG00000206178	1.238158	-0.493694	0.305221	1 HBZP1	K13826
ENSG00000219626	1.238158	-0.493694	0.305221	1 FAM228B	K10133
ENSG00000221916	1.238158	-0.493694	0.305221	1 C19orf73	-
ENSG00000231313	1.238158	-0.493694	0.305221	1 CLIC1P1	K05021
ENSG00000243587	1.238158	-0.493694	0.305221	1 C6orf183	-
ENSG00000248734	1.238158	-0.493694	0.305221	1 CTD-2260A17.1	-
ENSG00000251593	1.238158	-0.493694	0.305221	1 MSNP1	K05763
ENSG00000260233	1.238158	-0.493694	0.305221	1 SSSCA1-AS1	-
ENSG00000267500	1.238158	-0.493694	0.305221	1 CTD-2006C1.6	K09228
ENSG00000272658	1.238158	-0.493694	0.305221	1 LTB4R2	K04297
ENSG00000272677	1.238158	-0.493694	0.305221	1 RP11-127B20.3	-
ENSG00000257923	0.708641	3.492343	0.305446	1 CUX1	K09313
ENSG00000164442	-0.673957	7.978605	0.305733	1 CITED2	-
ENSG00000105829	-0.681039	5.859534	0.30577	1 BET1	K08504
ENSG00000198406	0.698788	4.01428	0.306074	1 BZW1P2	-
ENSG00000168301	-0.713829	3.546401	0.306592	1 KCTD6	-
ENSG00000099957	-0.759692	2.348112	0.306624	1 P2RX6	K05221
ENSG00000100234	0.674658	6.671819	0.306789	1 TIMP3	K16866
ENSG00000106031	0.723724	2.879192	0.307205	1 HOXA13	K09298
ENSG00000085719	-0.674319	6.771495	0.307216	1 CPNE3	-
ENSG00000164136	-0.708978	3.640623	0.307436	1 IL15	K05433
ENSG00000168389	-0.803187	1.998852	0.307454	1 MFSD2A	-
ENSG00000149313	-0.677049	5.915666	0.30751	1 AASDHPPT	K06133
ENSG00000159263	-0.722798	3.23844	0.307693	1 SIM2	K09100

ENSG00000234494	-0.99817	0.792786	0.307713	1 AC003665.1	-
ENSG00000119636	-0.954005	0.763759	0.307713	1 CCDC176	-
ENSG00000227285	-0.954005	0.763759	0.307713	1 RP3-327A19.5	-
ENSG00000244479	-0.954005	0.763759	0.307713	1 OR2A1-AS1	-
ENSG00000253796	-0.954005	0.763759	0.307713	1 RP11-1084E5.1	-
ENSG00000269386	-0.954005	0.763759	0.307713	1 RAB11B-AS1	-
ENSG00000168795	0.680658	5.414523	0.307957	1 ZBTB5	K10492
ENSG00000090530	-0.673853	6.650069	0.307965	1 LEPREL1	-
ENSG00000223573	0.67541	5.953076	0.308033	1 TINCR	-
ENSG00000074527	-0.678581	5.885657	0.308124	1 NTN4	K06845
ENSG00000231345	-0.858067	1.51964	0.308333	1 RP11-564C4.6	-
ENSG00000068323	0.850133	1.118579	0.308509	1 TFE3	K09105
ENSG00000140876	0.850133	1.118579	0.308509	1 NUDT7	K17879
ENSG00000256092	0.850133	1.118579	0.308509	1 hsa-mir-8072	-
ENSG00000111801	-0.69253	4.198109	0.308709	1 BTN3A3	K06712
ENSG00000169184	0.674951	6.014925	0.308865	1 MN1	-
ENSG00000103485	0.737795	2.370053	0.309113	1 QPRT	K00767
ENSG00000076826	0.681823	4.798796	0.309319	1 CAMSAP3	K17493
ENSG00000135537	-0.747583	2.852405	0.309392	1 LACE1	K18798
ENSG00000165861	0.713412	3.357353	0.309876	1 ZFYVE1	K17603
ENSG00000185033	0.670787	6.516141	0.309998	1 SEMA4B	K06521
ENSG00000173064	0.681073	4.85002	0.310045	1 HECTD4	K17849
ENSG00000197182	0.696549	3.534847	0.310185	1 FLJ27365	-
ENSG00000138640	0.688807	4.497658	0.310477	1 FAM13A	-
ENSG00000130433	0.779649	2.015812	0.310597	1 CACNG6	K04871
ENSG00000243302	0.779649	2.015812	0.310597	1 RP11-274B21.2	-
ENSG00000154328	-0.714529	3.485158	0.310599	1 NEIL2	K10568
ENSG00000134755	-0.691474	4.247306	0.310734	1 DSC2	K07601
ENSG00000124762	0.667551	7.341691	0.310803	1 CDKN1A	K06625
ENSG00000108813	0.682957	4.803524	0.310832	1 DLX4	K09314
ENSG00000171223	-0.665467	9.057819	0.311113	1 JUNB	K09028
ENSG00000230513	-0.741006	2.471631	0.311421	1 THAP7-AS1	-
ENSG00000260257	0.726239	2.428507	0.311421	1 RP5-1085F17.3	-
ENSG00000158825	0.667636	6.330183	0.311716	1 CDA	K01489
ENSG00000140443	0.666615	7.111031	0.311792	1 IGF1R	K05087
ENSG00000006015	-0.673335	5.484057	0.312198	1 C19orf60	-
ENSG00000155850	-0.677427	5.00803	0.31234	1 SLC26A2	K14701
ENSG00000085563	-0.766745	2.30447	0.312343	1 ABCB1	K05658
ENSG00000184584	-0.671969	5.141618	0.313028	1 TMEM173	K12654
ENSG00000060237	0.663087	8.466965	0.313038	1 WNK1	K08867
ENSG00000186603	-0.673683	5.442428	0.313174	1 HPDL	-
ENSG00000163393	-0.703245	3.637028	0.313213	1 SLC22A15	K08211
ENSG00000118600	-0.684661	4.314758	0.313242	1 TMEM5	K02927
ENSG00000170634	-0.758285	2.143977	0.313448	1 ACYP2	K01512
ENSG00000144395	-0.711039	3.396372	0.313889	1 CCDC150	-
ENSG00000133805	0.864902	1.232091	0.313932	1 AMPD3	K01490
ENSG00000180998	0.864902	1.232091	0.313932	1 GPR137C	-
ENSG00000173599	0.663568	6.627086	0.314349	1 PC	K01958
ENSG00000196535	0.669013	5.80829	0.314389	1 MYO18A	K10362
ENSG00000184898	-0.814315	1.942979	0.314789	1 RBM43	-
ENSG00000062370	-0.795248	1.93065	0.314789	1 ZNF112	K09228
ENSG00000270101	-0.722419	3.107248	0.314826	1 RP11-24B19.3	-
ENSG00000163607	-0.680463	4.358038	0.314993	1 GTPBP8	-
ENSG00000141441	-1.066359	0.476647	0.315121	1 GAREM	-
ENSG00000214776	-1.066359	0.476647	0.315121	1 RP11-726G1.1	K04850
ENSG00000242689	-1.066359	0.476647	0.315121	1 CNTF	K05420
ENSG00000160050	1.029385	0.343233	0.315121	1 CCDC28B	-
ENSG00000197558	1.029385	0.343233	0.315121	1 SSPO	-

ENSG00000205869	1.029385	0.343233	0.315121	1 KRTAP5-1	-
ENSG00000249709	1.029385	0.343233	0.315121	1 ZNF564	K09228
ENSG00000258457	1.029385	0.343233	0.315121	1 RP11-298I3.4	-
ENSG00000269982	1.029385	0.343233	0.315121	1 RP11-1020A11.2	-
ENSG00000234618	-1.010147	0.439831	0.315121	1 RPSAP9	K02998
ENSG00000157613	0.923786	0.384744	0.315121	1 CREB3L1	K09048
ENSG00000218226	0.923786	0.384744	0.315121	1 TATDN2P2	K03424
ENSG00000271996	0.923786	0.384744	0.315121	1 RP11-337N6.1	-
ENSG00000139190	0.69035	3.597979	0.315679	1 VAMP1	K08510
ENSG00000083635	-0.679755	4.476738	0.315883	1 NUFIP1	-
ENSG00000143633	-0.678999	4.334368	0.315944	1 C1orf131	K17776
ENSG00000135111	0.661807	6.458256	0.316135	1 TBX3	K10177
ENSG00000137513	-0.672057	4.821086	0.316437	1 NARS2	K01893
ENSG00000117148	0.78826	1.663565	0.316443	1 ACTL8	-
ENSG00000079691	0.663737	5.7604	0.316711	1 LRRC16A	-
ENSG00000182993	-0.74686	2.431623	0.316864	1 C12orf60	K17816
ENSG00000103642	-0.663084	6.035185	0.316988	1 LACTB	K17382
ENSG00000177707	-0.690008	3.962995	0.317354	1 PVRL3	K06592
ENSG00000038002	-0.699767	3.297146	0.317654	1 AGA	K01444
ENSG00000213096	-0.757398	2.029787	0.317704	1 ZNF254	K09228
ENSG00000146109	-0.877854	1.440974	0.318503	1 ABT1	K14785
ENSG00000225135	-0.877854	1.440974	0.318503	1 RP11-361F15.2	-
ENSG00000100084	-0.850461	1.42309	0.318503	1 HIRA	K11293
ENSG00000143951	-0.850461	1.42309	0.318503	1 WDPCP	-
ENSG00000168906	0.654812	9.686542	0.318588	1 MAT2A	K00789
ENSG00000077157	0.691217	3.512013	0.319001	1 PPP1R12B	K12329
ENSG00000151414	-0.657064	6.899761	0.319407	1 NEK7	K08857
ENSG00000129422	0.658422	6.293616	0.319416	1 MTUS1	-
ENSG00000243710	-0.819035	1.810821	0.319771	1 WDR65	K14823
ENSG00000162390	0.801823	1.742931	0.319771	1 ACOT11	K12417
ENSG00000169857	-0.675734	4.109486	0.320085	1 AVEN	-
ENSG00000148814	-0.745361	2.338955	0.320611	1 LRRC27	-
ENSG00000224177	0.720672	2.507779	0.32075	1 LINC00570	-
ENSG00000197121	-0.683584	3.767876	0.320771	1 PGAP1	K05294
ENSG00000183117	-0.707975	2.724333	0.320819	1 CSMD1	K17495
ENSG00000153029	-0.702275	3.274731	0.320849	1 MR1	K17985
ENSG00000205542	-0.651271	10.57076	0.321051	1 TMSB4X	K05764
ENSG00000091428	-0.854459	1.108769	0.321053	1 RAPGEF4	K04351
ENSG00000272438	-0.854459	1.108769	0.321053	1 RP11-54O7.16	-
ENSG00000107829	-0.676465	4.321279	0.321183	1 FBXW4	K10262
ENSG00000108840	0.657644	6.093651	0.321471	1 HDAC5	K11406
ENSG00000158769	0.661505	5.045182	0.322115	1 F11R	K06089
ENSG00000116741	-0.664644	5.021527	0.322159	1 RGS2	K18154
ENSG00000177485	0.798711	1.472899	0.32241	1 ZBTB33	K10507
ENSG00000260361	0.798711	1.472899	0.32241	1 CTD-2313J17.5	-
ENSG00000272686	-0.790907	1.562092	0.32241	1 RP11-390E23.6	-
ENSG00000140450	0.755858	1.490894	0.32241	1 ARRDC4	-
ENSG00000176533	0.755858	1.490894	0.32241	1 GNG7	K04543
ENSG00000175470	-0.737386	2.593053	0.322495	1 PPP2R2D	K04354
ENSG00000116299	0.730371	2.552922	0.322495	1 KIAA1324	-
ENSG00000167658	0.649145	11.44443	0.322506	1 EEF2	K03234
ENSG00000071054	-0.65241	6.688802	0.323269	1 MAP4K4	K04407
ENSG00000179455	-0.705659	3.09668	0.323305	1 MKRN3	K15687
ENSG00000171608	-0.6811	3.849065	0.323685	1 PIK3CD	-
ENSG00000164089	0.93853	0.566432	0.323905	1 ETNPPL	K14286
ENSG00000212670	0.93853	0.566432	0.323905	1 AL161915.1	K12581
ENSG00000242622	0.93853	0.566432	0.323905	1 RP11-18H7.1	-
ENSG00000155957	-0.673356	3.876057	0.324363	1 TMBIM4	K06890

ENSG00000162600	-0.657886	5.158836	0.324378	1 OMA1	-
ENSG00000187017	0.661151	4.28878	0.324427	1 ESPN	-
ENSG00000167972	0.720954	2.404108	0.324489	1 ABCA3	K05643
ENSG00000073756	-0.714575	2.45484	0.324489	1 PTGS2	K11987
ENSG00000152527	-1.192547	0.068768	0.324544	1 PLEKHH2	K10417
ENSG00000168961	-1.192547	0.068768	0.324544	1 LGALS9	K10093
ENSG00000204805	-1.192547	0.068768	0.324544	1 FAM27E4	-
ENSG00000271738	-1.192547	0.068768	0.324544	1 RP11-137H2.6	-
ENSG00000272009	-1.192547	0.068768	0.324544	1 RP1-313I6.12	-
ENSG00000272755	-1.192547	0.068768	0.324544	1 RP11-326G21.1	-
ENSG00000132274	-1.115247	0.018705	0.324544	1 TRIM22	K04257
ENSG00000204536	-1.115247	0.018705	0.324544	1 CCHCR1	K16760
ENSG00000224786	-1.115247	0.018705	0.324544	1 CETN4P	-
ENSG00000235927	-1.115247	0.018705	0.324544	1 NEXN-AS1	-
ENSG00000237773	-1.115247	0.018705	0.324544	1 AC003075.4	-
ENSG00000267473	-1.115247	0.018705	0.324544	1 AC005789.11	-
ENSG00000273226	-1.115247	0.018705	0.324544	1 RP11-513M16.8	-
ENSG00000179284	1.025226	-0.119387	0.324544	1 DAND5	K12581
ENSG00000197358	1.025226	-0.119387	0.324544	1 BNIP3P1	K15464
ENSG00000224023	1.025226	-0.119387	0.324544	1 RP11-383C5.4	-
ENSG00000228084	1.025226	-0.119387	0.324544	1 RP5-884G6.2	-
ENSG00000243885	1.025226	-0.119387	0.324544	1 RP11-278L15.2	-
ENSG00000251359	1.025226	-0.119387	0.324544	1 WWC2-AS2	-
ENSG00000260273	1.025226	-0.119387	0.324544	1 RP11-425D10.10	-
ENSG00000260597	1.025226	-0.119387	0.324544	1 AC012531.25	-
ENSG00000178826	-0.66384	4.824148	0.324691	1 TMEM139	-
ENSG00000135525	0.648994	6.968953	0.324888	1 MAP7	K10433
ENSG00000256073	0.727859	2.200136	0.324905	1 C21orf119	-
ENSG00000122481	-0.676286	4.055248	0.325177	1 RWDD3	-
ENSG00000132326	0.730162	1.929209	0.325362	1 PER2	K02633
ENSG00000141965	0.730162	1.929209	0.325362	1 FEM1A	-
ENSG00000128346	-0.723203	2.69793	0.325652	1 C22orf23	-
ENSG00000160145	0.693068	2.661877	0.325652	1 KALRN	K15048
ENSG00000268879	0.773045	1.579728	0.325787	1 IGFL1P1	-
ENSG00000227543	-0.863593	1.228451	0.325858	1 SPAG5-AS1	-
ENSG00000179630	-0.719811	2.899537	0.326475	1 LACC1	K05810
ENSG00000091127	-0.651973	5.763833	0.326527	1 PUS7	K06176
ENSG00000163171	-0.656387	4.851651	0.326842	1 CDC42EP3	-
ENSG00000215256	-0.751974	2.295015	0.3269	1 DHRS4-AS1	-
ENSG00000117298	0.64543	7.377744	0.326948	1 ECE1	K01415
ENSG00000163346	0.649431	6.130514	0.32709	1 PBXIP1	K13273
ENSG00000174501	0.744097	1.995686	0.327732	1 ANKRD36C	K17299
ENSG00000247095	0.744097	1.995686	0.327732	1 MIR210HG	-
ENSG00000164715	0.656163	4.341815	0.327942	1 LMTK2	K08898
ENSG00000233016	0.646117	6.300296	0.327965	1 SNHG7	-
ENSG00000167220	-0.672398	3.996103	0.328063	1 HDHD2	-
ENSG00000172530	0.652324	5.313086	0.328249	1 BANP	-
ENSG00000136720	0.651903	5.022382	0.328378	1 HS6ST1	K02514
ENSG00000243829	0.694481	2.74915	0.328433	1 CTB-33G10.1	K02997
ENSG00000066557	-0.647011	6.174921	0.32884	1 LRRC40	-
ENSG00000166938	-0.655083	4.691597	0.329271	1 DIS3L	K18681
ENSG00000228998	-0.708793	2.613901	0.329322	1 RP11-697E2.7	K10136
ENSG00000116353	-0.66846	3.873017	0.329491	1 MECR	K07512
ENSG00000198298	-0.724798	2.122607	0.329874	1 ZNF485	K09228
ENSG00000144815	-0.68675	3.19052	0.330151	1 NXPE3	-
ENSG00000166987	0.651914	4.768576	0.330308	1 MBD6	-
ENSG00000230074	-0.872723	0.861179	0.330406	1 RP11-195F19.9	-
ENSG00000078124	0.872624	0.759786	0.330406	1 ACER3	K04711

ENSG00000225663	0.872624	0.759786	0.330406	1 FAM195B	-
ENSG00000260266	0.872624	0.759786	0.330406	1 CTD-2311M21.2	K03767
ENSG00000170442	-0.733335	2.423006	0.330424	1 KRT86	K07605
ENSG00000108846	-0.646944	5.614745	0.330513	1 ABCC3	K05667
ENSG00000170088	-0.662249	4.004205	0.330701	1 TMEM192	K12581
ENSG00000184178	-0.727691	2.663812	0.330723	1 SCFD2	-
ENSG00000169105	-0.662939	4.391656	0.330834	1 CHST14	K08105
ENSG00000185000	0.687893	3.189984	0.331082	1 DGAT1	K11155
ENSG00000169126	-0.766052	1.845856	0.331331	1 ARMC4	-
ENSG00000144468	-0.697206	3.091364	0.332007	1 RHBDD1	K09651
ENSG00000081087	-0.648075	5.12036	0.333176	1 OSTM1	-
ENSG00000224543	-0.80576	1.485673	0.333198	1 SNRPGP15	K11099
ENSG00000260231	0.790565	1.425784	0.333198	1 JHDM1D-AS1	-
ENSG00000267530	-0.704149	2.757072	0.333266	1 AC006273.5	-
ENSG00000131849	0.702841	2.210617	0.333593	1 ZNF132	K09228
ENSG00000078687	1.583971	-0.771526	0.333681	1 TNRC6C	K18412
ENSG00000134940	1.583971	-0.771526	0.333681	1 ACRV1	-
ENSG00000139626	1.583971	-0.771526	0.333681	1 ITGB7	K06590
ENSG00000143479	1.583971	-0.771526	0.333681	1 DYRK3	K18669
ENSG00000168026	1.583971	-0.771526	0.333681	1 TTC21A	-
ENSG00000174945	1.583971	-0.771526	0.333681	1 AMZ1	K06974
ENSG00000185958	1.583971	-0.771526	0.333681	1 FAM186A	-
ENSG00000227288	1.583971	-0.771526	0.333681	1 RP5-837I24.1	-
ENSG00000229348	1.583971	-0.771526	0.333681	1 HYI-AS1	-
ENSG00000232811	1.583971	-0.771526	0.333681	1 RP11-96K19.2	-
ENSG00000234383	1.583971	-0.771526	0.333681	1 CTBP2P8	K04496
ENSG00000236537	1.583971	-0.771526	0.333681	1 RP11-732M18.3	-
ENSG00000247728	1.583971	-0.771526	0.333681	1 RP11-932O9.7	-
ENSG00000247809	1.583971	-0.771526	0.333681	1 NR2F2-AS1	-
ENSG00000249700	1.583971	-0.771526	0.333681	1 SRD5A3-AS1	-
ENSG00000253327	1.583971	-0.771526	0.333681	1 RAD21-AS1	-
ENSG00000258824	1.583971	-0.771526	0.333681	1 CTD-2555O16.2	-
ENSG00000265478	1.583971	-0.771526	0.333681	1 CTD-2145A24.3	-
ENSG00000273113	1.583971	-0.771526	0.333681	1 RP11-367H1.1	-
ENSG00000136514	-1.384585	-0.584421	0.333681	1 RTP4	-
ENSG00000146904	-1.384585	-0.584421	0.333681	1 EPHA1	K05102
ENSG00000151687	-1.384585	-0.584421	0.333681	1 ANKAR	-
ENSG00000162746	-1.384585	-0.584421	0.333681	1 FCRLB	-
ENSG00000167355	-1.384585	-0.584421	0.333681	1 AC104389.28	-
ENSG00000169129	-1.384585	-0.584421	0.333681	1 AFAP1L2	-
ENSG00000196550	-1.384585	-0.584421	0.333681	1 FAM72A	-
ENSG00000197332	-1.384585	-0.584421	0.333681	1 ZNF833P	-
ENSG00000212734	-1.384585	-0.584421	0.333681	1 C17orf100	K15153
ENSG00000213402	-1.384585	-0.584421	0.333681	1 PTPRCAP	K13886
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ENSG00000231084	-1.384585	-0.584421	0.333681	1 CTA-253N17.1	K02891
ENSG00000235100	-1.384585	-0.584421	0.333681	1 RP11-80H5.9	-
ENSG00000238334	-1.384585	-0.584421	0.333681	1 snoU13	-
ENSG00000254602	-1.384585	-0.584421	0.333681	1 AP000662.4	-
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ENSG00000259803	-1.384585	-0.584421	0.333681	1 SLC22A31	-
ENSG00000267648	-1.384585	-0.584421	0.333681	1 RP11-686D22.3	-
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ENSG00000129270	1.273731	-0.679119	0.333681	1 MMP28	K08006
ENSG00000145087	1.273731	-0.679119	0.333681	1 STXBP5L	K08518
ENSG00000145949	1.273731	-0.679119	0.333681	1 MYLK4	K00907
ENSG00000160862	1.273731	-0.679119	0.333681	1 AZGP1	-
ENSG00000172752	1.273731	-0.679119	0.333681	1 COL6A5	K06238

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ENSG00000233631	1.273731	-0.679119	0.333681	1 RP11-457M11.2	-
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ENSG00000238975	1.273731	-0.679119	0.333681	1 snoU13	-
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ENSG00000250602	1.273731	-0.679119	0.333681	1 RP11-517I3.1	-
ENSG00000253667	1.273731	-0.679119	0.333681	1 RP11-30L15.4	-
ENSG00000254812	1.273731	-0.679119	0.333681	1 RP11-661A12.12	-
ENSG00000259182	1.273731	-0.679119	0.333681	1 RP11-424I19.2	-
ENSG00000259424	1.273731	-0.679119	0.333681	1 RP11-35O15.1	-
ENSG00000261349	1.273731	-0.679119	0.333681	1 RP3-465N24.5	-
ENSG00000267231	1.273731	-0.679119	0.333681	1 AC005786.5	-
ENSG00000268201	1.273731	-0.679119	0.333681	1 CTD-3138B18.6	-
ENSG00000272800	1.273731	-0.679119	0.333681	1 RP11-438L19.1	-
ENSG00000139800	-0.643223	5.358567	0.334119	1 ZIC5	K09226
ENSG00000221955	0.652325	4.440308	0.334332	1 SLC12A8	K14428
ENSG00000236081	-0.671559	3.349165	0.334427	1 AC074389.9	-
ENSG00000178605	-0.649954	4.468679	0.334686	1 GTPBP6	-
ENSG00000171552	-0.639088	5.911371	0.334736	1 BCL2L1	K04570
ENSG00000188878	-0.694226	3.033567	0.335083	1 FBF1	K16471
ENSG00000138385	-0.63484	7.39235	0.335115	1 SSB	K11090
ENSG00000140691	-0.676633	3.374821	0.33518	1 ARMC5	-
ENSG00000114854	-0.716264	2.320445	0.335217	1 TNNC1	K05865
ENSG00000068650	0.63599	6.392157	0.335237	1 ATP11A	-
ENSG00000157429	-0.881738	1.002749	0.335401	1 ZNF19	K09228
ENSG00000267858	-0.881738	1.002749	0.335401	1 AC016629.8	-
ENSG00000264920	0.822584	0.930337	0.335401	1 RP11-6N17.4	-
ENSG00000182141	-0.739289	2.01821	0.335692	1 ZNF708	K09228
ENSG00000092200	-1.149847	0.308096	0.335879	1 RPGRIP1	K16512
ENSG00000112902	-1.086193	0.266327	0.335879	1 SEMA5A	K06841
ENSG00000213569	-1.086193	0.266327	0.335879	1 RP13-383K5.4	K15203
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ENSG00000236499	0.764721	1.535972	0.336064	1 LINC00896	-
ENSG00000141458	0.634418	6.691813	0.336309	1 NPC1	K12385
ENSG00000112081	-0.631267	8.488794	0.336745	1 SRSF3	K12892
ENSG00000165006	0.633919	6.437513	0.336791	1 UBAP1	-
ENSG00000165898	-0.653588	4.05503	0.336837	1 ISCA2	-
ENSG00000172954	-0.659833	3.851851	0.33708	1 LCLAT1	K13513
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ENSG00000172493	0.635001	6.228761	0.337783	1 AFF1	K15184
ENSG00000158234	-0.643967	4.684761	0.338193	1 FAIM	-
ENSG00000104765	0.633982	6.163375	0.338449	1 BNIP3L	K15465
ENSG00000138293	0.670802	3.332221	0.338524	1 NCOA4	K09289
ENSG00000120686	-0.633021	6.31336	0.33861	1 UFM1	K12162
ENSG00000137124	-0.63638	5.728819	0.338778	1 ALDH1B1	K00128
ENSG00000160469	0.783274	1.082897	0.339352	1 BRSK1	K08796
ENSG00000243679	-0.70976	2.494239	0.339362	1 RP11-274B21.3	-
ENSG00000099994	-0.637797	5.146508	0.339421	1 SUSD2	-
ENSG00000174405	-0.656486	3.957017	0.339434	1 LIG4	K10777
ENSG00000204634	0.633446	5.822306	0.339494	1 TBC1D8	-
ENSG00000234420	-0.673942	3.049095	0.340145	1 ZNF37BP	K09228
ENSG00000092295	-0.697016	2.8204	0.340336	1 TGM1	K05619
ENSG00000168071	0.656486	3.736734	0.34061	1 CCDC88B	-
ENSG00000111261	-0.776705	1.783484	0.340697	1 MANSC1	K09488

ENSG00000231500	0.75886	1.718941	0.340697	1 RPS18	K02964
ENSG00000178297	0.696207	2.18229	0.340729	1 TMPRSS9	K09640
ENSG00000095015	-0.659563	3.646937	0.341333	1 MAP3K1	K04416
ENSG00000111669	0.709222	2.238412	0.342113	1 TPI1	K01803
ENSG00000218418	0.709222	2.238412	0.342113	1 RP11-296E7.1	-
ENSG00000175197	0.637494	4.56822	0.34232	1 DDIT3	K04452
ENSG00000059804	0.623385	8.719382	0.342535	1 SLC2A3	K08142
ENSG00000166153	-0.811375	1.299814	0.342553	1 DEPDC4	-
ENSG00000142677	0.803714	1.198857	0.342553	1 IL22RA1	K05138
ENSG00000082512	-0.649713	4.106711	0.342608	1 TRAF5	K09849
ENSG00000122497	0.683035	2.620053	0.342671	1 NBPF14	-
ENSG00000147642	-0.659662	3.718532	0.342799	1 SYBU	-
ENSG00000072201	-0.900847	0.560759	0.343208	1 LNX1	K10692
ENSG00000164251	-0.900847	0.560759	0.343208	1 F2RL1	K04234
ENSG00000232807	-0.900847	0.560759	0.343208	1 RP11-536K7.3	-
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ENSG00000196227	-0.646556	3.890583	0.343281	1 FAM217B	-
ENSG00000103404	-0.669872	2.989509	0.343714	1 USP31	K11852
ENSG00000109536	-0.747455	1.963024	0.344281	1 FRG1	K13122
ENSG00000171798	0.722687	1.894821	0.344281	1 KNDC1	-
ENSG00000071243	-0.672244	3.255932	0.34436	1 ING3	K11319
ENSG00000142798	0.62318	6.928256	0.344451	1 HSPG2	K06255
ENSG00000256745	0.685096	2.70978	0.344529	1 RP11-680H20.1	K05756
ENSG00000141574	0.624648	6.361428	0.345075	1 SECTM1	-
ENSG00000228106	-0.644178	4.24232	0.345221	1 RP11-452F19.3	-
ENSG00000164976	0.634129	4.80213	0.345264	1 KIAA1161	-
ENSG00000171631	0.626509	5.275	0.345349	1 P2RY6	K04272
ENSG00000105404	0.660994	2.763089	0.345374	1 RABAC1	-
ENSG00000104885	0.624798	6.117215	0.345403	1 DOT1L	K11427
ENSG00000239665	0.677993	2.422072	0.345619	1 RP11-295P9.3	-
ENSG00000156253	-0.628499	5.482099	0.346037	1 RWDD2B	K09513
ENSG00000163170	-0.631543	5.110236	0.346662	1 BOLA3	-
ENSG00000131759	0.630539	4.722773	0.346743	1 RARA	K08527
ENSG00000176788	0.617266	10.45783	0.346758	1 BASP1	K17272
ENSG00000011028	-0.64194	4.216643	0.346877	1 MRC2	K06560
ENSG00000141968	-0.643379	3.618464	0.34714	1 VAV1	K05730
ENSG00000052802	-0.623255	6.017819	0.347157	1 MSMO1	K07750
ENSG00000118181	-0.739531	1.529139	0.347413	1 RPS25	K02975
ENSG00000173928	-0.739531	1.529139	0.347413	1 SWSAP1	K17985
ENSG00000234147	-0.700912	2.569944	0.347535	1 RP3-460G2.2	-
ENSG00000159593	-0.620139	6.660233	0.347695	1 NAE1	K04532
ENSG00000090020	0.638915	4.252515	0.347704	1 SLC9A1	K05742
ENSG00000179855	0.626689	5.181153	0.347985	1 GIPC3	-
ENSG00000198753	0.94457	0.649652	0.348276	1 PLXNB3	K06821
ENSG00000244242	0.94457	0.649652	0.348276	1 IFITM10	-
ENSG00000241014	-0.908444	0.73406	0.348276	1 RP11-244H3.1	-
ENSG00000241316	-0.908444	0.73406	0.348276	1 RP11-81N13.1	-
ENSG00000125744	0.628006	5.07165	0.348527	1 RTN2	-
ENSG00000007264	-0.620999	6.081206	0.348795	1 MATK	K17692
ENSG00000138756	-0.6893	2.676526	0.349193	1 BMP2K	K08854
ENSG00000105708	0.688124	2.641113	0.349193	1 ZNF14	K09228
ENSG00000035499	-0.635404	4.374699	0.34944	1 DEPDC1B	-
ENSG00000026950	-0.624262	5.003818	0.349764	1 BTN3A1	K06712
ENSG00000160190	-0.632103	4.538012	0.350099	1 SLC37A1	K13783
ENSG00000148459	-0.632302	4.305554	0.350357	1 PDSS1	K12504
ENSG00000241990	0.691584	2.275677	0.350467	1 RP6-109B7.3	-

ENSG00000236943	-0.67931	2.775764	0.350643	1 RP11-640M9.1	-
ENSG00000136379	0.616111	6.50729	0.350726	1 ABHD17C	-
ENSG00000138035	-0.616571	6.434138	0.350989	1 PNPT1	K00962
ENSG00000177989	-0.641978	3.724936	0.351916	1 ODF3B	-
ENSG00000173338	0.881335	0.833024	0.351957	1 KCNK7	K04918
ENSG00000156711	0.811518	0.861948	0.351957	1 MAPK13	K04441
ENSG00000245105	0.811518	0.861948	0.351957	1 A2M-AS1	-
ENSG00000177169	0.612653	7.331643	0.352011	1 ULK1	K08269
ENSG00000164631	0.619998	5.318633	0.352138	1 ZNF12	K09228
ENSG00000105849	-0.618932	5.768689	0.352151	1 TWISTNB	K03004
ENSG00000105711	0.693516	2.388479	0.352237	1 SCN1B	K04845
ENSG00000229152	0.693516	2.388479	0.352237	1 ANKRD10-IT1	-
ENSG00000118257	-0.745344	1.832593	0.352333	1 NRP2	K06819
ENSG00000180178	0.731722	1.772222	0.352333	1 FAR2P1	K09228
ENSG00000135148	0.613334	6.566946	0.352428	1 TRAFD1	-
ENSG00000122591	-0.616183	6.133857	0.352518	1 FAM126A	-
ENSG00000159267	-0.640607	3.976445	0.352521	1 HLCS	K01942
ENSG00000161180	-1.352417	-0.160613	0.352672	1 CCDC116	-
ENSG00000167895	-1.352417	-0.160613	0.352672	1 TMC8	-
ENSG00000213888	-1.352417	-0.160613	0.352672	1 AC005003.1	K09228
ENSG00000231177	-1.352417	-0.160613	0.352672	1 LINC00852	-
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ENSG00000136883	-1.260308	-0.220081	0.352672	1 KIF12	K10399
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ENSG00000229474	-1.260308	-0.220081	0.352672	1 PATL2	-
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ENSG00000062524	1.211955	-0.328686	0.352672	1 LTK	K05118
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ENSG00000142920	1.211955	-0.328686	0.352672	1 ADC	K01583
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ENSG00000215835	1.211955	-0.328686	0.352672	1 RP11-9L18.2	K13209
ENSG00000225693	1.211955	-0.328686	0.352672	1 RP11-54K16.2	K15902
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ENSG00000273472	1.211955	-0.328686	0.352672	1 RP11-102N12.3	-
ENSG00000119630	1.023546	-0.261284	0.352672	1 PGF	K16859
ENSG00000135929	1.023546	-0.261284	0.352672	1 CYP27A1	K00488
ENSG00000179362	1.023546	-0.261284	0.352672	1 HMG2P46	K11300
ENSG00000180616	1.023546	-0.261284	0.352672	1 SSTR2	K04218
ENSG00000187726	1.023546	-0.261284	0.352672	1 DNAJB13	K09519
ENSG00000204869	1.023546	-0.261284	0.352672	1 IGFL4	-
ENSG00000219682	1.023546	-0.261284	0.352672	1 RP3-425P12.4	K14295
ENSG00000230526	1.023546	-0.261284	0.352672	1 RP11-472G21.2	-
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ENSG00000232450	1.023546	-0.261284	0.352672	1 RP4-730K3.3	K02981
ENSG00000232775	1.023546	-0.261284	0.352672	1 AP000525.10	K14569
ENSG00000236345	1.023546	-0.261284	0.352672	1 RP11-59D5__B.2	-
ENSG00000241278	1.023546	-0.261284	0.352672	1 ENPP7P4	K12354
ENSG00000266927	1.023546	-0.261284	0.352672	1 AC006273.7	-
ENSG00000270006	1.023546	-0.261284	0.352672	1 RP11-178L8.7	-
ENSG00000168404	-0.627761	4.611415	0.352781	1 MLKL	K08849
ENSG00000112773	0.612575	6.518355	0.353082	1 FAM46A	-
ENSG00000153574	-0.62784	4.760887	0.353192	1 RPIA	K01807
ENSG00000105339	0.613565	6.018884	0.353456	1 DENND3	-
ENSG00000091592	-0.736489	1.892942	0.353571	1 NLRP1	K11447
ENSG0000013563	0.675044	2.501607	0.353741	1 DNASE1L1	K11995
ENSG00000159055	-0.627267	4.817829	0.353904	1 MIS18A	K11564
ENSG00000125821	-0.618793	4.828616	0.354039	1 DTD1	K07560
ENSG00000145715	-0.619893	5.042812	0.354044	1 RASA1	K04352
ENSG00000271529	0.699896	1.942019	0.354665	1 CICIP14	K16941
ENSG00000197157	0.607971	8.347903	0.354731	1 SND1	K15979
ENSG00000230457	-0.818982	1.085816	0.354733	1 PA2G4P4	-
ENSG00000206567	0.771657	1.021373	0.354733	1 AC022007.5	-
ENSG00000169957	-0.615742	5.250098	0.355357	1 ZNF768	K09228
ENSG00000255624	-0.714096	2.060122	0.355639	1 RP11-564D11.3	-
ENSG00000255717	-0.608241	7.304189	0.355754	1 SNHG1	-
ENSG00000171681	-0.631773	4.041592	0.355833	1 ATF7IP	-
ENSG00000198947	-0.611543	5.894603	0.355855	1 DMD	K10366
ENSG00000197982	-0.616921	5.101317	0.355942	1 C1orf122	-
ENSG00000124839	0.623441	4.044657	0.356041	1 RAB17	K07909
ENSG00000221886	0.6393	3.520541	0.356144	1 C5orf54	-
ENSG00000136319	-0.660793	3.199573	0.356189	1 TTC5	-
ENSG00000152256	0.617995	5.022462	0.356388	1 PDK1	K12077
ENSG00000141854	0.701508	2.082485	0.356511	1 hsa-mir-1199	-
ENSG00000254685	-0.627373	4.325297	0.356684	1 FPGT	K00976
ENSG00000143384	-0.605244	8.725838	0.356757	1 MCL1	K02539
ENSG00000175727	0.60896	6.262313	0.356846	1 MLXIP	K09113
ENSG00000010404	-0.831294	1.207475	0.356891	1 IDS	K01136
ENSG00000063601	-0.831294	1.207475	0.356891	1 MTMR1	K18081
ENSG00000146666	-0.831294	1.207475	0.356891	1 LINC00525	-
ENSG00000162894	-0.831294	1.207475	0.356891	1 FAIM3	-
ENSG00000238045	-0.831294	1.207475	0.356891	1 AC009133.14	-
ENSG00000261051	0.793921	1.141998	0.356891	1 RP11-274H2.5	-
ENSG00000257365	-0.69642	2.209862	0.357297	1 FNTB	K05954
ENSG00000123999	0.663845	2.164252	0.357297	1 INHA	K05500
ENSG00000214193	0.638108	3.302015	0.357558	1 SH3D21	-
ENSG00000143061	-0.607675	6.402461	0.357732	1 IGSF3	K06522
ENSG00000115252	0.610409	5.27388	0.357803	1 PDE1A	K13755
ENSG00000215114	-0.624344	4.442602	0.357894	1 UBXN2B	K14012
ENSG00000075624	-0.602892	11.5825	0.357919	1 ACTB	K05692
ENSG00000146776	-0.706729	2.266234	0.358009	1 ATXN7L1	K11318
ENSG00000162545	0.652081	2.927939	0.358416	1 CAMK2N1	-
ENSG00000179218	0.602308	10.77421	0.358443	1 CALR	K08057
ENSG00000141985	0.605592	6.710309	0.358566	1 SH3GL1	K11247
ENSG00000213462	0.762424	1.27481	0.358608	1 ERV3-1	K09228
ENSG00000114200	-0.735371	1.348956	0.358608	1 BCHE	K01050
ENSG00000225518	-0.735371	1.348956	0.358608	1 RP11-396C23.2	-
ENSG00000248092	-0.735371	1.348956	0.358608	1 NNT-AS1	-
ENSG00000030582	0.602362	9.320615	0.358702	1 GRN	-
ENSG00000148200	0.643398	3.453899	0.358972	1 NR6A1	K08561
ENSG00000155034	0.633286	3.458076	0.358972	1 FBXL18	K10284
ENSG00000204147	-0.656259	3.038064	0.35915	1 ASAH2B	K12349

ENSG00000166261	-0.645018	3.503486	0.359222	1 ZNF202	K09229
ENSG00000121931	-0.662889	3.069889	0.359489	1 LRIF1	-
ENSG00000118418	-0.604816	6.510513	0.359669	1 HMGN3	K11301
ENSG00000164855	0.614445	4.996534	0.35991	1 TMEM184A	-
ENSG00000186350	0.606413	5.725857	0.360071	1 RXRA	K08524
ENSG00000081377	-0.625972	3.981843	0.360275	1 CDC14B	K06639
ENSG00000189042	-0.679716	2.516522	0.360288	1 ZNF567	K09228
ENSG00000198363	0.59975	9.543345	0.360708	1 ASPH	K00476
ENSG00000114473	-0.688546	2.56215	0.360748	1 IQCG	-
ENSG00000244026	-0.688546	2.56215	0.360748	1 FAM86DP	-
ENSG00000091317	-0.610015	4.959481	0.360841	1 CMTM6	-
ENSG00000119138	0.602451	6.304636	0.360913	1 KLF9	K09208
ENSG00000141867	0.607323	5.744843	0.360997	1 BRD4	K11722
ENSG00000037965	0.71424	1.50863	0.361157	1 HOXC8	K09308
ENSG00000141012	0.607355	5.486933	0.361579	1 GALNS	K01132
ENSG00000105357	1.026574	0.010275	0.361697	1 MYH14	K10352
ENSG00000117242	1.026574	0.010275	0.361697	1 PINK1-AS	-
ENSG00000222937	1.026574	0.010275	0.361697	1 SNORD63	-
ENSG00000224846	1.026574	0.010275	0.361697	1 RP1-90J20.8	-
ENSG00000229808	1.026574	0.010275	0.361697	1 RP11-456P18.2	K06698
ENSG00000266235	1.026574	0.010275	0.361697	1 MIR3176	-
ENSG00000149922	0.891241	0.063029	0.361697	1 TBX6	K10180
ENSG00000204529	0.891241	0.063029	0.361697	1 GUCY2EP	K12322
ENSG00000268856	0.891241	0.063029	0.361697	1 AP001579.1	-
ENSG00000184985	0.62597	3.823473	0.361942	1 SORCS2	-
ENSG00000159231	-0.627801	3.863555	0.362093	1 CBR3	K00084
ENSG00000163328	0.733698	1.596342	0.362123	1 GPR155	-
ENSG00000244171	-0.621166	4.228196	0.362175	1 PBX2P1	K15609
ENSG00000182551	-0.602044	6.297407	0.362399	1 ADI1	K08967
ENSG00000144355	-0.634598	3.456207	0.362507	1 DLX1	K09314
ENSG00000140263	-0.602869	6.151222	0.362527	1 SORD	K00008
ENSG00000128617	0.644537	2.770003	0.362605	1 OPN1SW	K04252
ENSG00000140297	0.644537	2.770003	0.362605	1 GCNT3	K09662
ENSG00000130518	-0.755064	1.769595	0.362944	1 KIAA1683	-
ENSG00000159885	-0.755064	1.769595	0.362944	1 ZNF222	K09228
ENSG00000223396	-0.755064	1.769595	0.362944	1 RPS10P7	-
ENSG00000111850	-0.658138	2.892127	0.36319	1 SMIM8	-
ENSG00000101928	0.599999	6.599919	0.3634	1 MOSPD1	-
ENSG00000185928	-0.651396	2.97799	0.363707	1 PAGR1	K14973
ENSG00000115392	-0.604835	5.410888	0.363857	1 FANCL	K10606
ENSG00000143437	0.601656	5.977585	0.363953	1 ARNT	K09097
ENSG00000104325	-0.606932	5.082056	0.364183	1 DECR1	K13236
ENSG00000113721	0.635995	3.096772	0.364583	1 PDGFRB	K05089
ENSG00000171105	0.606492	5.181183	0.364746	1 INSR	K04527
ENSG00000163536	0.615904	3.878406	0.365051	1 SERPINI1	-
ENSG00000182378	0.600003	6.116527	0.365291	1 PLCXD1	-
ENSG00000146409	-0.611457	4.424296	0.365331	1 SLC18B1	-
ENSG00000170485	-0.611869	4.808438	0.365466	1 NPAS2	K09026
ENSG00000164070	-0.605941	5.341385	0.365491	1 HSPA4L	K09485
ENSG00000039560	-0.603761	5.394343	0.36573	1 RAI14	-
ENSG00000165115	-0.671488	2.29218	0.366382	1 KIF27	K10395
ENSG00000212994	0.661262	2.258698	0.366382	1 RPS26P6	K02976
ENSG00000129993	0.62326	3.501544	0.366496	1 CBFA2T3	K10053
ENSG00000245532	0.592225	10.25214	0.366567	1 NEAT1	-
ENSG00000164509	-0.951655	0.40193	0.366588	1 IL31RA	K08857
ENSG00000171872	-0.951655	0.40193	0.366588	1 KLF17	K09211
ENSG00000227199	-0.951655	0.40193	0.366588	1 ST7-AS1	-
ENSG00000246985	-0.951655	0.40193	0.366588	1 SOCS2-AS1	-

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ENSG00000185055	0.91466	0.284949	0.366588	1 EFCAB10	-
ENSG00000198598	0.91466	0.284949	0.366588	1 MMP17	K07997
ENSG00000260778	0.91466	0.284949	0.366588	1 MIR940	-
ENSG00000267270	0.91466	0.284949	0.366588	1 AC139100.2	-
ENSG00000157600	0.596608	5.98662	0.366602	1 TMEM164	-
ENSG00000105483	-0.62454	3.625307	0.366905	1 CARD8	K12801
ENSG00000173145	-0.599114	5.928051	0.367037	1 NOC3L	K14834
ENSG00000140332	0.594087	7.068752	0.367088	1 TLE3	K04497
ENSG00000231365	-0.627364	3.681033	0.367088	1 RP11-418J17.1	-
ENSG00000167700	-0.599036	5.756625	0.36716	1 MFSD3	-
ENSG00000104976	0.609525	4.389064	0.367174	1 SNAPC2	K15209
ENSG00000139684	-0.631988	3.701434	0.367175	1 ESD	K01070
ENSG00000142556	0.656983	2.430959	0.367202	1 ZNF614	K09228
ENSG00000176845	0.593924	6.801006	0.367679	1 METRNL	-
ENSG00000123106	-0.604718	4.578715	0.367764	1 CCDC91	-
ENSG00000104689	-0.620419	3.904972	0.367842	1 TNFRSF10A	K04722
ENSG00000176994	0.611528	3.948439	0.368027	1 SMCR8	-
ENSG00000138686	-0.615393	4.003729	0.368142	1 BBS7	K16749
ENSG00000166311	0.598341	5.232388	0.368295	1 SMPD1	K12350
ENSG00000150347	0.597733	5.704083	0.36858	1 ARID5B	-
ENSG00000135972	-0.595748	6.021915	0.369282	1 MRPS9	K02996
ENSG00000253948	0.839553	0.515868	0.369464	1 RP11-410L14.2	-
ENSG00000260404	0.839553	0.515868	0.369464	1 RP11-384K6.6	-
ENSG00000272447	0.839553	0.515868	0.369464	1 RP11-182L21.6	-
ENSG00000085185	0.602779	4.722893	0.369772	1 BCORL1	-
ENSG00000106823	-0.622342	3.427787	0.369891	1 ECM2	K08119
ENSG00000002586	0.591965	6.29007	0.37031	1 CD99	K06520
ENSG00000198399	-0.613413	4.223455	0.370948	1 ITSN2	-
ENSG00000067601	-0.829869	0.833535	0.371253	1 PMS2P4	K10858
ENSG00000271936	-0.829869	0.833535	0.371253	1 RP11-443B20.1	-
ENSG00000272476	-0.829869	0.833535	0.371253	1 RP1-191J18.66	-
ENSG00000196741	-0.785704	0.805281	0.371253	1 CXorf24	-
ENSG00000205436	0.785594	0.715067	0.371253	1 EXOC3L4	-
ENSG00000034677	0.588114	7.452955	0.371369	1 RNF19A	K11972
ENSG00000186111	0.597222	5.114226	0.371548	1 PIP5K1C	K00889
ENSG00000082153	0.586478	8.587729	0.371748	1 BZW1	-
ENSG00000272655	-0.843435	0.977906	0.372408	1 POLR2J4	K03008
ENSG00000166575	-0.601169	4.667456	0.372936	1 TMEM135	-
ENSG00000100027	-2.044268	-0.866855	0.372947	1 YPEL1	-
ENSG00000132965	-2.044268	-0.866855	0.372947	1 ALOX5AP	-
ENSG00000137310	-2.044268	-0.866855	0.372947	1 TCF19	-
ENSG00000183690	-2.044268	-0.866855	0.372947	1 EFHC2	-
ENSG00000199753	-2.044268	-0.866855	0.372947	1 SNORD104	-
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ENSG00000224725	-2.044268	-0.866855	0.372947	1 CEP57L1P1	K16762
ENSG00000229447	-2.044268	-0.866855	0.372947	1 RP11-490K7.4	K03123
ENSG00000232600	-2.044268	-0.866855	0.372947	1 AC084125.4	-
ENSG00000238123	-2.044268	-0.866855	0.372947	1 MID1IP1-AS1	-
ENSG00000254343	-2.044268	-0.866855	0.372947	1 RP11-760H22.2	-
ENSG00000261737	-2.044268	-0.866855	0.372947	1 RP4-612B15.3	-
ENSG00000270067	-2.044268	-0.866855	0.372947	1 CTC-487M23.5	-
ENSG00000273030	-2.044268	-0.866855	0.372947	1 RP11-285F16.1	-
ENSG00000101049	-1.877647	-0.968243	0.372947	1 SGK2	K13303
ENSG00000106006	-1.877647	-0.968243	0.372947	1 HOXA6	K09306
ENSG00000126861	-1.877647	-0.968243	0.372947	1 OMG	K16666
ENSG00000163376	-1.877647	-0.968243	0.372947	1 KBTBD8	K10475

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ENSG00000172232	-1.877647	-0.968243	0.372947	1 AZU1	K01350
ENSG00000180113	-1.877647	-0.968243	0.372947	1 TDRD6	K18405
ENSG00000183395	-1.877647	-0.968243	0.372947	1 PMCH	K05229
ENSG00000186204	-1.877647	-0.968243	0.372947	1 CYP4F12	K17730
ENSG00000186652	-1.877647	-0.968243	0.372947	1 PRG2	K10786
ENSG00000188092	-1.877647	-0.968243	0.372947	1 GPR89B	-
ENSG00000201772	-1.877647	-0.968243	0.372947	1 SNORA5C	-
ENSG00000222881	-1.877647	-0.968243	0.372947	1 Y_RNA	-
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ENSG00000224854	-1.877647	-0.968243	0.372947	1 C9orf53	-
ENSG00000226141	-1.877647	-0.968243	0.372947	1 AF277315.13	-
ENSG00000229122	-1.877647	-0.968243	0.372947	1 AGBL5-IT1	-
ENSG00000233560	-1.877647	-0.968243	0.372947	1 KRT8P39	K07605
ENSG00000236066	-1.877647	-0.968243	0.372947	1 RP11-389O22.1	-
ENSG00000250155	-1.877647	-0.968243	0.372947	1 CTD-2353F22.1	-
ENSG00000250410	-1.877647	-0.968243	0.372947	1 RP11-714G18.1	-
ENSG00000254876	-1.877647	-0.968243	0.372947	1 RP11-23J9.5	-
ENSG00000255568	-1.877647	-0.968243	0.372947	1 BRWD1-IT2	-
ENSG00000255992	-1.877647	-0.968243	0.372947	1 RP11-417L19.4	-
ENSG00000258302	-1.877647	-0.968243	0.372947	1 RP11-981P6.1	-
ENSG00000260944	-1.877647	-0.968243	0.372947	1 RP11-463O9.5	-
ENSG00000261468	-1.877647	-0.968243	0.372947	1 RP11-1024P17.1	-
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ENSG00000168807	0.590261	5.589119	0.373465	1 SNTB2	K12196
ENSG00000107819	0.586725	6.267401	0.373534	1 SFXN3	-
ENSG00000165046	-0.78046	1.279906	0.373369	1 LETM2	-
ENSG00000231822	-0.78046	1.279906	0.373369	1 AC019097.7	K06669
ENSG00000172785	-0.623465	3.407307	0.373749	1 CBWD1	-
ENSG00000251474	0.62317	3.29338	0.373823	1 RPL32P3	K02912
ENSG00000271870	0.772489	1.326846	0.374041	1 RP11-97C16.1	-
ENSG00000082014	0.627593	3.012496	0.374052	1 SMARCD3	K11650
ENSG00000174093	0.63746	2.934065	0.374117	1 RP11-1407O15.2	K08776
ENSG00000123178	-0.59504	4.978992	0.374127	1 SPRYD7	K11447
ENSG00000136854	0.586657	6.563606	0.374171	1 STXBP1	K15292
ENSG00000151470	-0.63003	2.84333	0.37422	1 C4orf33	-
ENSG00000180596	0.703546	1.462766	0.37428	1 HIST1H2BC	K11252
ENSG00000184702	0.703546	1.462766	0.37428	1	5-Sep K04557
ENSG00000130940	0.640881	2.614245	0.374367	1 CASZ1	-
ENSG00000156398	-0.645342	2.61203	0.374404	1 SFXN2	K07944
ENSG00000213533	0.724271	1.55313	0.374441	1 TMEM110	-
ENSG00000205060	-0.599551	4.70986	0.374513	1 SLC35B4	K15278
ENSG00000147168	-0.683557	1.982846	0.374665	1 IL2RG	K05070
ENSG00000214226	-0.664491	1.97084	0.374665	1 C17orf67	-
ENSG00000177946	-0.696211	2.048791	0.374666	1 CENPBD1	-
ENSG00000065618	0.650125	1.999939	0.374666	1 COL17A1	K07603
ENSG00000118260	-0.606425	4.378715	0.37509	1 CREB1	K05870
ENSG00000185989	0.5842	7.04493	0.375112	1 RASA3	K12380
ENSG00000115756	0.585789	6.499923	0.375188	1 HPCAL1	K19695
ENSG00000196498	0.583596	7.110993	0.3755	1 NCOR2	K06065
ENSG00000116574	0.590883	4.915878	0.375583	1 RHOU	-
ENSG00000196776	-0.592739	5.408826	0.375613	1 CD47	K06266
ENSG00000116679	-0.583473	7.216447	0.375704	1 IVNS1ABP	K15046
ENSG00000107882	0.596488	4.028867	0.375809	1 SUFU	K06229
ENSG00000145246	-0.605151	4.025292	0.375854	1 ATP10D	K01530
ENSG00000105355	0.58229	7.655382	0.375872	1 PLIN3	-

ENSG00000234072	0.614775	3.687023	0.376702	1 AC074117.10	-
ENSG00000145022	0.610573	3.532444	0.377161	1 TCTA	K09228
ENSG00000065308	0.582766	6.310689	0.377198	1 TRAM2	K12581
ENSG00000179862	-0.582509	6.761389	0.377344	1 CITED4	-
ENSG00000115919	0.579768	8.281173	0.377398	1 KYNU	K01556
ENSG00000128165	-0.603248	4.276275	0.377454	1 ADM2	-
ENSG00000243566	-0.61453	3.443848	0.377523	1 UPK3B	-
ENSG00000096968	-0.615526	3.423595	0.377622	1 JAK2	K04447
ENSG00000161179	-0.584231	6.028653	0.377648	1 YDJC	-
ENSG00000108064	-0.582611	6.557312	0.377762	1 TFAM	K11830
ENSG00000133706	-0.58001	7.766159	0.377797	1 LARS	K01869
ENSG00000115084	-0.586192	5.394335	0.378646	1 SLC35F5	K15289
ENSG00000172262	-0.581187	6.551733	0.379137	1 ZNF131	-
ENSG00000213983	-0.607246	3.737667	0.379736	1 AP1G2	K12391
ENSG00000134152	-0.592704	4.904987	0.379839	1 KATNBL1	-
ENSG00000151233	-0.590278	4.903519	0.379839	1 GXYLT1	K13676
ENSG00000187583	-0.640286	2.849693	0.379901	1 PLEKHN1	-
ENSG00000105290	0.58814	5.130651	0.379904	1 APLP1	K05639
ENSG00000113389	0.580165	6.050346	0.380094	1 NPR3	K12325
ENSG00000148950	-0.610234	3.670517	0.380103	1 IMMP1L	K09647
ENSG00000236753	0.633973	2.731237	0.380326	1 MKLN1-AS	-
ENSG00000164403	-0.615306	3.563539	0.380652	1 SHROOM1	K18625
ENSG00000104205	-0.628852	2.674805	0.380799	1 SGK3	K13304
ENSG00000100330	0.583801	5.161697	0.380924	1 MTMR3	K18082
ENSG00000198198	0.585465	4.696084	0.380966	1 SZT2	K09537
ENSG00000115368	-0.579407	6.382761	0.38102	1 WDR75	K14552
ENSG00000217801	0.594864	3.945776	0.381382	1 RP11-465B22.3	-
ENSG00000053254	-0.589838	4.335902	0.381411	1 FOXN3	K09407
ENSG00000198752	0.577209	6.54533	0.381419	1 CDC42BPB	K16307
ENSG00000169740	-0.587575	4.632539	0.381419	1 ZNF32	-
ENSG00000258429	-0.616551	3.403052	0.381635	1 PDF	K01462
ENSG00000221930	0.601523	3.346548	0.381822	1 FAM45B	-
ENSG00000101160	0.573687	9.225867	0.381922	1 CTSZ	K08568
ENSG00000166250	0.580047	5.830762	0.382139	1 CLMP	K06789
ENSG00000115507	-0.613602	3.313285	0.382218	1 OTX1	K09326
ENSG00000167283	0.611576	3.252744	0.382428	1 ATP5L	K02140
ENSG00000053900	-0.585384	4.709799	0.382553	1 ANAPC4	K03351
ENSG00000164219	-0.590408	4.43229	0.382787	1 PGGT1B	K11713
ENSG00000167549	0.584611	5.036005	0.382981	1 CORO6	K13886
ENSG00000064652	-0.583948	4.861978	0.382988	1 SNX24	K17941
ENSG00000153767	-0.589403	4.84991	0.383068	1 GTF2E1	K03136
ENSG00000124191	-0.628761	3.17971	0.383116	1 TOX2	-
ENSG00000183111	0.610736	3.1576	0.383116	1 ARHGEF37	-
ENSG00000053747	0.581143	5.17515	0.383165	1 LAMA3	K06240
ENSG00000196700	-0.583072	5.157492	0.383364	1 ZNF512B	-
ENSG00000106683	0.638827	2.174998	0.383391	1 LIMK1	K05743
ENSG00000143590	0.599681	3.635159	0.383518	1 EFNA3	K05462
ENSG00000154814	-0.600023	3.628499	0.383709	1 OXNAD1	-
ENSG00000185885	0.573172	7.342882	0.383718	1 IFITM1	K06566
ENSG00000106638	-0.668396	2.140544	0.383825	1 TBL2	-
ENSG00000100442	-0.574377	6.691619	0.384165	1 FKBP3	K09570
ENSG00000273033	0.658652	2.031928	0.384293	1 RP11-67L2.2	-
ENSG00000213160	-0.585851	4.692984	0.384332	1 KLHL23	K10460
ENSG00000171867	-0.573619	6.766252	0.384623	1 PRNP	K05634
ENSG00000085465	0.670251	1.954697	0.384798	1 OVGPI	K17526
ENSG00000160678	0.670251	1.954697	0.384798	1 S100A1	-
ENSG00000108306	0.618115	2.923042	0.38481	1 FBXL20	K10268
ENSG00000183647	0.618115	2.923042	0.38481	1 ZNF530	K09228

ENSG00000168487	0.573594	6.50812	0.384934	1 BMP1	K05502
ENSG00000105971	-0.571242	7.747599	0.38503	1 CAV2	K12958
ENSG00000165060	-0.587682	4.146243	0.38508	1 FXN	K19054
ENSG00000038219	0.574953	5.713312	0.385416	1 BOD1L1	-
ENSG00000135318	-0.579679	5.516906	0.385538	1 NT5E	K01081
ENSG00000175170	0.664869	1.800836	0.385936	1 FAM182B	-
ENSG00000196754	-0.6339	2.780949	0.386264	1 S100A2	-
ENSG00000100911	-0.572785	6.360062	0.386346	1 PSME2	K06697
ENSG00000198886	0.567582	12.86187	0.386508	1 MT-ND4	K03881
ENSG00000204792	0.714577	1.694609	0.386579	1 AC104135.3	-
ENSG00000207547	-0.710785	1.741362	0.386579	1 MIR25	-
ENSG00000262251	0.679101	1.709844	0.386579	1 RP11-199F11.2	-
ENSG00000121417	0.628474	2.711465	0.386681	1 ZNF211	K09228
ENSG00000064199	-0.624931	2.741865	0.386681	1 SPA17	K12581
ENSG00000185238	-0.577018	5.490877	0.386718	1 PRMT3	K11436
ENSG00000151131	-0.58863	4.596827	0.386908	1 C12orf45	-
ENSG00000083838	0.634464	2.663675	0.387124	1 ZNF446	K09229
ENSG00000101384	-0.575676	5.213969	0.387529	1 JAG1	K06052
ENSG00000137210	-0.568773	7.301598	0.387656	1 TMEM14B	-
ENSG00000099860	0.572174	5.912592	0.387935	1 GADD45B	K04402
ENSG00000175274	0.588084	4.296074	0.388008	1 TP53I11	-
ENSG00000107263	0.57264	5.539873	0.388025	1 RAPGEF1	K06277
ENSG00000112365	-0.57906	4.476136	0.388186	1 ZBTB24	K10503
ENSG00000127334	-0.570669	5.819972	0.388288	1 DYRK2	K18669
ENSG00000108984	-0.581689	4.628978	0.388326	1 MAP2K6	K04433
ENSG00000085491	-0.568674	6.902669	0.388431	1 SLC25A24	K14684
ENSG00000149218	-0.582365	4.602209	0.388612	1 ENDOD1	K15049
ENSG00000231638	-0.723561	1.43298	0.388873	1 AC011738.4	-
ENSG00000139117	-0.571436	5.698033	0.388902	1 CPNE8	-
ENSG00000148344	-0.574967	4.802043	0.389546	1 PTGES	K15729
ENSG00000170727	-0.611077	3.010081	0.389575	1 BOP1	K14824
ENSG00000129007	-0.602623	3.394503	0.38968	1 CALML4	-
ENSG00000224411	-0.705105	1.329734	0.389778	1 RP11-1033A18.1	K04079
ENSG00000272316	-0.705105	1.329734	0.389778	1 XXbac-BPGBPG55C	-
ENSG00000108839	0.701237	1.242555	0.389778	1 ALOX12	K00458
ENSG00000255860	-0.798255	1.186151	0.390757	1 RP11-807H22.6	K13649
ENSG00000124693	0.727061	1.106896	0.390757	1 HIST1H3B	K11253
ENSG00000013503	-0.580816	4.251039	0.390891	1 POLR3B	K03021
ENSG00000176907	-0.566366	6.603079	0.391013	1 C8orf4	-
ENSG00000197702	-0.56756	6.4098	0.391415	1 PARVA	K06275
ENSG00000113441	-0.57829	4.771945	0.39147	1 LNPEP	K01257
ENSG00000214194	-0.569282	5.742835	0.391598	1 LINC00998	-
ENSG00000233276	-0.563642	7.515144	0.39163	1 GPX1	K00432
ENSG00000184226	-0.745299	1.038639	0.391806	1 PCDH9	K16498
ENSG00000128886	0.697965	0.98353	0.391806	1 ELL3	K15183
ENSG00000181350	0.697965	0.98353	0.391806	1 FAM211A	-
ENSG00000196313	0.697965	0.98353	0.391806	1 POM121	K14316
ENSG00000228232	0.697965	0.98353	0.391806	1 GAPDHP1	K00134
ENSG00000041353	-0.571771	5.596815	0.391892	1 RAB27B	K07886
ENSG00000067533	-0.571902	5.309724	0.391928	1 RRP15	-
ENSG00000106635	0.646598	2.203426	0.391947	1 BCL7B	-
ENSG00000204842	0.567812	5.51605	0.392016	1 ATXN2	-
ENSG00000175318	0.60279	3.177311	0.392054	1 GRAMD2	-
ENSG00000163644	-0.621365	2.805938	0.392109	1 PPM1K	K17505
ENSG00000078269	0.57638	4.586959	0.392173	1 SYNJ2	K01099
ENSG00000135365	0.565007	6.522991	0.392256	1 PHF21A	-
ENSG00000136010	-0.598718	3.494999	0.392344	1 ALDH1L2	K00289
ENSG00000090534	0.799257	0.790299	0.392904	1 THPO	K06854

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ENSG00000213312	0.72944	0.820076	0.392904	1 RPL7AP34	K02936
ENSG00000217094	-0.605297	3.139986	0.392996	1 PPIAP31	K03767
ENSG00000156697	-0.564933	6.040701	0.393169	1 UTP14A	K14567
ENSG00000176623	-0.568603	5.505396	0.393212	1 RMDN1	K08142
ENSG00000154914	0.570485	4.632005	0.393306	1 USP43	K11856
ENSG00000163291	-0.591467	3.872128	0.393355	1 PAQR3	K08854
ENSG00000109107	0.565814	5.583619	0.393789	1 ALDOC	K01623
ENSG00000160991	0.85195	0.601643	0.393996	1 ORAI2	K16057
ENSG00000161912	0.85195	0.601643	0.393996	1 ADCY10P1	K11265
ENSG00000224596	0.85195	0.601643	0.393996	1 ZMIZ1-AS1	-
ENSG00000267283	0.85195	0.601643	0.393996	1 AC005306.3	-
ENSG00000122711	0.770273	0.635879	0.393996	1 SPINK4	-
ENSG00000144596	0.770273	0.635879	0.393996	1 GRIP2	-
ENSG00000167476	0.770273	0.635879	0.393996	1 JSRP1	-
ENSG00000271646	0.770273	0.635879	0.393996	1 RP11-326I11.3	-
ENSG00000008277	-0.617187	2.667576	0.394019	1 ADAM22	K16068
ENSG00000204054	0.570763	4.991127	0.394029	1 LINC00963	-
ENSG00000104774	0.565509	5.719992	0.394266	1 MAN2B1	K12311
ENSG00000206573	0.586802	3.592301	0.394301	1 SETD5-AS1	-
ENSG00000068903	0.576887	4.555523	0.394462	1 SIRT2	K11412
ENSG00000153815	0.564829	5.703211	0.394542	1 CMIP	-
ENSG00000187244	-0.579998	4.436272	0.394564	1 BCAM	K06578
ENSG00000056291	-1.03357	-0.033371	0.394643	1 NPFFR2	K08375
ENSG00000176826	-1.03357	-0.033371	0.394643	1 FKBP9L	K09575
ENSG00000213901	-1.03357	-0.033371	0.394643	1 SLC23A3	K14612
ENSG00000243896	-1.03357	-0.033371	0.394643	1 OR2A7	K04257
ENSG00000244513	-1.03357	-0.033371	0.394643	1 CTD-2013N24.2	-
ENSG00000255306	-1.03357	-0.033371	0.394643	1 RP5-901A4.1	-
ENSG00000266402	-1.03357	-0.033371	0.394643	1 SNORA76	-
ENSG00000122861	-0.678102	2.03736	0.394662	1 PLAU	K01348
ENSG00000005483	0.567405	5.184873	0.394821	1 KMT2E	K09189
ENSG00000072501	-0.846743	0.526095	0.394949	1 SMC1A	K06636
ENSG00000150636	-0.846743	0.526095	0.394949	1 CCDC102B	-
ENSG00000177570	-0.846743	0.526095	0.394949	1 SAMD12	-
ENSG00000116663	0.825392	0.424913	0.394949	1 FBXO6	K10100
ENSG00000198689	0.825392	0.424913	0.394949	1 SLC9A6	K12041
ENSG00000238271	0.825392	0.424913	0.394949	1 IFNWP19	K05440
ENSG00000261655	0.825392	0.424913	0.394949	1 CTD-3064M3.3	-
ENSG00000141837	-0.79053	0.490468	0.394949	1 CACNA1A	K04344
ENSG00000213920	-0.79053	0.490468	0.394949	1 MDP1	K17619
ENSG00000236751	-0.79053	0.490468	0.394949	1 RP1-30G7.2	-
ENSG00000253106	-0.79053	0.490468	0.394949	1 RP11-158K1.3	-
ENSG00000106799	0.557927	9.21575	0.395062	1 TGFBR1	K04674
ENSG00000249395	-0.612371	2.982632	0.395175	1 CASC9	-
ENSG00000005175	-0.562051	6.191373	0.395196	1 RPAP3	K04135
ENSG00000151292	-0.565588	5.48893	0.395359	1 CSNK1G3	K08958
ENSG00000158623	-1.019599	0.22316	0.395441	1 COPG2	K17267
ENSG00000231702	-1.019599	0.22316	0.395441	1 RP11-54O7.10	K02924
ENSG00000235912	-1.019599	0.22316	0.395441	1 RP1-159A19.3	K07604
ENSG00000236871	-1.019599	0.22316	0.395441	1 LINC00106	-
ENSG00000271826	-1.019599	0.22316	0.395441	1 RP1-93I3.1	-
ENSG00000011590	0.90396	0.178069	0.395441	1 ZBTB32	K10506
ENSG00000156042	0.90396	0.178069	0.395441	1 TTC18	-
ENSG00000187008	0.90396	0.178069	0.395441	1 PKD1L3	-
ENSG00000213713	0.616285	2.526585	0.395509	1 PIGCP1	K03859
ENSG00000138780	-0.584697	3.74065	0.39556	1 GSTCD	-
ENSG00000082781	-0.559258	7.276187	0.395644	1 ITGB5	K06588

ENSG00000141642	-0.645169	1.958722	0.395739	1 ELAC1	K00784
ENSG00000197461	-0.573323	4.596748	0.395765	1 PDGFA	K04359
ENSG00000074755	0.568029	5.121876	0.395804	1 ZZEF1	K17985
ENSG00000185453	0.591813	3.229944	0.395907	1 C19orf68	-
ENSG00000176978	-0.56179	6.215122	0.39597	1 DPP7	K01276
ENSG00000011143	-0.585614	3.898721	0.39599	1 MKS1	K19332
ENSG00000165416	-0.561212	6.175727	0.396045	1 SUGT1	K12795
ENSG00000158411	-0.56645	5.542475	0.396372	1 MITD1	-
ENSG00000145242	-0.591776	3.69414	0.396374	1 EPHA5	K05106
ENSG00000145604	-0.558615	6.999898	0.396653	1 SKP2	K03875
ENSG00000157259	-0.565544	5.076796	0.396717	1 GATAD1	K17985
ENSG00000115904	0.560617	6.017426	0.396783	1 SOS1	K03099
ENSG00000151881	-0.562408	5.618352	0.396871	1 C5orf28	-
ENSG00000065485	0.559104	6.219747	0.397007	1 PDIA5	K09583
ENSG00000125845	0.557012	7.476454	0.397038	1 BMP2	K04662
ENSG00000159882	-0.643367	2.452533	0.397217	1 ZNF230	K09228
ENSG00000088451	-0.572981	4.614718	0.397236	1 TGDS	K01710
ENSG00000123472	-0.56064	5.908583	0.397375	1 ATPAF1	K07555
ENSG00000132313	-0.562658	5.722273	0.397582	1 MRPL35	K02916
ENSG00000145623	0.555086	8.443555	0.397825	1 OSMR	K08267
ENSG00000106538	0.637023	2.356767	0.398169	1 RARRES2	K10044
ENSG00000156968	-0.632244	2.403142	0.398169	1 MPV17L	K13349
ENSG00000094841	-0.618054	2.394324	0.398169	1 UPRT	K00761
ENSG00000099942	0.555192	7.588511	0.398447	1 CRKL	K04438
ENSG00000168077	-0.560922	5.617462	0.398662	1 SCARA3	-
ENSG00000113140	-0.598773	3.08407	0.398854	1 SPARC	-
ENSG00000164211	-0.558877	5.677675	0.399254	1 STARD4	-
ENSG00000236618	-0.602593	2.728059	0.399458	1 PITPNA-AS1	-
ENSG00000139211	-0.567177	4.376342	0.399704	1 AMIGO2	-
ENSG00000152359	-0.586575	3.673624	0.399976	1 POC5	K16483
ENSG00000152413	-0.586575	3.673624	0.399976	1 HOMER1	K15010
ENSG00000225151	0.599499	2.969045	0.400249	1 GOLGA2P7	-
ENSG00000141551	0.552979	7.608689	0.400299	1 CSNK1D	K08959
ENSG00000172828	-0.59351	3.231266	0.40078	1 CES3	K15743
ENSG00000163006	-0.566997	4.611112	0.400825	1 CCDC138	-
ENSG00000158106	-0.562127	5.353176	0.400871	1 RHPN1	-
ENSG00000099849	-0.562139	5.181769	0.400927	1 RASSF7	K09855
ENSG00000168564	0.553849	6.521041	0.40124	1 CDKN2AIP	-
ENSG00000100997	0.556514	5.926369	0.40126	1 ABHD12	K13704
ENSG00000257815	0.67379	1.526115	0.401305	1 RP11-611E13.2	-
ENSG00000104140	0.552028	7.407144	0.401341	1 RHOV	K07866
ENSG00000115380	-0.551011	8.471113	0.401367	1 EFEMP1	K18262
ENSG00000104312	-0.556883	5.920916	0.40147	1 RIPK2	K08846
ENSG00000204946	-0.580955	3.402435	0.401746	1 ZNF783	K09228
ENSG00000196850	0.554025	5.996906	0.401895	1 PPTC7	K17508
ENSG00000159921	-0.559975	5.389113	0.402234	1 GNE	K12409
ENSG00000198807	-0.608557	2.589201	0.40226	1 PAX9	K09382
ENSG00000185115	-0.57605	3.877916	0.40228	1 NDNL2	-
ENSG00000105866	-0.596568	2.884664	0.402637	1 SP4	K09194
ENSG00000006016	0.560203	5.086099	0.402763	1 CRLF1	-
ENSG00000163521	-0.651356	2.129855	0.402827	1 GLB1L	K11447
ENSG00000226049	0.649266	1.434174	0.403125	1 TLK2P1	K08864
ENSG00000106785	-0.557443	5.484051	0.403225	1 TRIM14	K12004
ENSG00000107798	-0.55198	6.426216	0.403314	1 LIPA	K01052
ENSG00000181035	0.609649	2.503833	0.403327	1 SLC25A42	K15085
ENSG00000114023	0.552818	6.269594	0.403481	1 FAM162A	-
ENSG00000170448	-0.564577	4.563778	0.40361	1 NFXL1	K15683
ENSG00000235043	0.58358	3.066893	0.403614	1 TECRP1	K10258

ENSG00000147601	-0.552371	5.843803	0.403863	1 TERF1	K11110
ENSG00000074582	-0.562541	4.46617	0.403928	1 BCS1L	K08900
ENSG00000177000	0.563942	4.155396	0.404024	1 MTHFR	K00297
ENSG00000140750	0.56223	4.836649	0.404059	1 ARHGAP17	-
ENSG00000033178	-0.554961	5.613896	0.40408	1 UBA6	K10699
ENSG00000213762	0.575652	3.621311	0.404213	1 ZNF134	-
ENSG00000163617	0.622201	2.01207	0.404264	1 KIAA1407	-
ENSG00000196878	0.54777	7.800732	0.404534	1 LAMB3	K06244
ENSG00000211584	-0.557315	5.011814	0.404629	1 SLC48A1	K15380
ENSG00000184508	-0.584963	3.249648	0.405065	1 HDDC3	K01139
ENSG00000244300	0.560377	4.908672	0.405387	1 RP11-475N22.4	-
ENSG00000142627	-0.548771	6.741211	0.405517	1 EPHA2	K05103
ENSG00000044459	-0.576369	3.862953	0.40553	1 CNTLN	K16467
ENSG00000186352	0.631861	1.933823	0.405843	1 ANKRD37	-
ENSG00000198805	-0.548131	6.709797	0.406133	1 PNP	K03783
ENSG00000047578	0.580176	3.355556	0.406252	1 KIAA0556	-
ENSG00000116604	0.550308	5.979585	0.406422	1 MEF2D	K09262
ENSG00000100592	-0.56803	4.056832	0.406511	1 DAAM1	K04512
ENSG00000059588	-0.549625	5.920206	0.406559	1 TARBP1	-
ENSG00000139269	-0.586977	3.178854	0.406612	1 INHBE	K04667
ENSG00000078177	-0.594503	2.942823	0.407071	1 N4BP2	K15720
ENSG00000140287	0.739816	1.16498	0.407523	1 HDC	K01590
ENSG00000175106	-0.716568	1.23914	0.407523	1 TVP23C	K17985
ENSG00000178852	-0.716568	1.23914	0.407523	1 EFCAB13	-
ENSG00000197191	-0.716568	1.23914	0.407523	1 C9orf169	-
ENSG00000258048	-0.716568	1.23914	0.407523	1 RP11-530C5.1	-
ENSG00000246859	0.687668	1.187541	0.407523	1 STARD4-AS1	-
ENSG00000260418	0.687668	1.187541	0.407523	1 RP3-406A7.7	-
ENSG00000187642	-0.669629	1.91366	0.407585	1 C1orf170	-
ENSG00000158715	-0.605425	2.660307	0.407672	1 SLC45A3	K15379
ENSG00000163050	0.550148	5.743146	0.407724	1 ADCK3	-
ENSG00000101680	0.545855	6.632452	0.407884	1 LAMA1	K05637
ENSG00000156958	-0.566	4.194667	0.408103	1 GALK2	K18674
ENSG00000101187	0.543873	7.390956	0.408322	1 SLCO4A1	K14354
ENSG00000048405	-0.561275	4.580317	0.40875	1 ZNF800	-
ENSG00000165832	-0.551722	5.252323	0.408769	1 TRUB1	K03177
ENSG00000148175	0.541813	8.477429	0.409125	1 STOM	K17286
ENSG00000128274	0.553265	4.984245	0.409164	1 A4GALT	K01988
ENSG00000118898	0.543369	7.043425	0.409251	1 PPL	K10386
ENSG00000150455	-0.632904	1.827549	0.409516	1 TIRAP	K05403
ENSG00000235173	-0.632904	1.827549	0.409516	1 FAM203A	-
ENSG00000081913	0.567337	3.908544	0.409952	1 PHLPP1	K16340
ENSG00000237412	0.540318	9.531444	0.409965	1 PRSS56	-
ENSG00000115652	-0.547992	5.154981	0.410102	1 UXS1	K08678
ENSG00000166275	-0.566891	3.393878	0.410106	1 C10orf32	-
ENSG00000174137	0.713165	1.046477	0.410207	1 FAM53A	-
ENSG00000132763	-0.565591	3.901427	0.410501	1 MMACHC	-
ENSG00000173812	-0.540054	8.845609	0.410525	1 EIF1	K03113
ENSG00000086300	-0.561093	4.27369	0.410689	1 SNX10	K17924
ENSG00000101247	-0.569096	3.98954	0.410953	1 NDUFAF5	K18162
ENSG00000185128	0.586317	3.167934	0.411037	1 TBC1D3F	K11837
ENSG00000134830	0.570351	3.471093	0.411516	1 C5AR2	K04171
ENSG00000054179	0.668892	1.669927	0.411671	1 ENTPD2	K01509
ENSG00000164330	0.633416	1.685423	0.411671	1 EBF1	K09103
ENSG00000088727	-0.614116	2.1583	0.411745	1 KIF9	K10397
ENSG00000141519	-0.614116	2.1583	0.411745	1 CCDC40	-
ENSG00000160781	-0.614116	2.1583	0.411745	1 PAQR6	-
ENSG00000124787	-0.553235	4.313798	0.411886	1 RPP40	K14530

ENSG00000151532	-0.556457	4.380477	0.412167	1 VTI1A	K08493
ENSG00000137168	-0.545986	5.761527	0.412262	1 PPIL1	K12733
ENSG00000080822	-0.550464	5.014508	0.412706	1 CLDND1	-
ENSG00000090857	0.561726	3.890949	0.413198	1 PDPR	K17509
ENSG00000163520	0.538698	7.029338	0.413296	1 FBLN2	K17307
ENSG00000149527	0.744925	0.890209	0.413309	1 PLCH2	K19006
ENSG00000183072	0.744925	0.890209	0.413309	1 NKX2-5	K09345
ENSG00000218422	0.744925	0.890209	0.413309	1 AC016773.1	K14283
ENSG00000173227	0.540551	5.908156	0.413337	1 SYT12	-
ENSG00000184863	0.541924	5.856739	0.413334	1 RBM33	-
ENSG00000170946	-0.584335	3.272493	0.413482	1 DNAJC24	K17867
ENSG00000143458	-0.576647	3.267802	0.413482	1 GABPB2	K09454
ENSG00000196312	0.631259	2.043778	0.413612	1 HIATL2	-
ENSG00000120658	-0.56917	3.663047	0.413857	1 ENOX1	-
ENSG00000227764	0.684924	1.570052	0.414088	1 RP11-354K1.1	-
ENSG00000041515	0.646622	1.586746	0.414088	1 MYO16	K17481
ENSG00000109917	-0.544134	5.337018	0.414273	1 ZNF259	K06874
ENSG00000141179	-0.558517	3.528916	0.414278	1 PCTP	K09228
ENSG00000143624	0.55051	4.048057	0.414295	1 INTS3	K13140
ENSG00000077232	-0.537616	7.113961	0.414363	1 DNAJC10	K09530
ENSG00000160712	0.552184	4.42672	0.414706	1 IL6R	K05055
ENSG00000111726	-0.539583	5.836183	0.414849	1 CMAS	K00983
ENSG00000184887	-0.581863	3.047032	0.41505	1 BTBD6	K10478
ENSG00000171793	-0.536227	7.351884	0.415188	1 CTPS1	K01937
ENSG00000088826	0.551264	4.474956	0.415266	1 SMOX	K12259
ENSG00000164603	-0.606951	2.625194	0.415387	1 C7orf60	-
ENSG00000213066	-0.556916	3.723807	0.415539	1 FGFR10P	K16546
ENSG00000100266	0.535953	6.890598	0.415908	1 PACSIN2	-
ENSG00000087266	0.54126	5.63051	0.415998	1 SH3BP2	K07984
ENSG00000159082	0.551834	4.074364	0.416133	1 SYNJ1	K01099
ENSG00000101004	-0.578764	3.173836	0.416437	1 NINL	K16477
ENSG00000173482	-0.543912	5.182947	0.416628	1 PTPRM	K05693
ENSG00000115464	0.53818	5.919092	0.416703	1 USP34	K11853
ENSG00000123545	-0.54994	4.148378	0.416783	1 NDUFAF4	K18161
ENSG00000100033	0.661929	1.480849	0.416821	1 PRODH	K00318
ENSG00000267040	0.661929	1.480849	0.416821	1 RP11-35G9.3	-
ENSG00000115325	-0.553706	4.222968	0.416853	1 DOK1	K14752
ENSG00000117010	-0.596085	2.581503	0.416911	1 ZNF684	K09228
ENSG00000091831	-0.740143	0.776389	0.416921	1 ESR1	-
ENSG00000219891	-0.740143	0.776389	0.416921	1 ZSCAN12P1	K09229
ENSG00000161547	-0.53324	7.86502	0.417152	1 SRSF2	K12891
ENSG00000089902	0.535428	6.157612	0.417193	1 RCOR1	K11829
ENSG00000176912	0.584599	2.752339	0.417195	1 C18orf56	K00560
ENSG00000187653	-0.543347	4.852786	0.417651	1 TMSB4XP8	K05764
ENSG00000111640	0.530814	12.45609	0.417845	1 GAPDH	K00134
ENSG00000188042	-0.625585	1.94649	0.41793	1 ARL4C	K07945
ENSG00000166016	0.545484	4.785032	0.417996	1 ABTB2	K10521
ENSG00000172965	-0.537735	5.477191	0.418258	1 MIR4435-1HG	-
ENSG00000272565	-0.569749	3.628061	0.41859	1 RP11-485G4.2	-
ENSG00000163482	-0.559808	3.389578	0.418628	1 STK36	K06228
ENSG00000127419	0.564313	3.225831	0.418644	1 TMEM175	-
ENSG00000103876	-0.540852	4.866343	0.418695	1 FAH	K01555
ENSG00000173517	0.553121	4.143112	0.41905	1 PEAK1	K17538
ENSG00000198796	-0.543257	4.806624	0.419081	1 ALPK2	K08868
ENSG00000110172	-0.53229	6.992811	0.4192	1 CHORDC1	K16729
ENSG00000129480	-0.550653	3.907105	0.419207	1 DTD2	K17985
ENSG00000125726	0.535257	6.095319	0.419228	1 CD70	K05470
ENSG00000246705	0.538434	5.329672	0.419783	1 H2AFJ	K11251

ENSG00000196954	-0.538322	5.267155	0.419866	1 CASP4	K04394
ENSG00000241627	-0.695087	1.414924	0.419933	1 UBQLN4P1	K04523
ENSG00000228506	0.679882	1.366596	0.419933	1 RP11-98I9.4	-
ENSG00000138134	-0.541038	4.917916	0.420017	1 STAMBPL1	-
ENSG00000107672	-0.537044	5.621034	0.420097	1 NSMCE4A	-
ENSG00000023516	-0.545889	4.823732	0.420144	1 AKAP11	K16527
ENSG00000120458	-0.603974	2.694582	0.420144	1 MSANTD2	-
ENSG00000164430	-0.537342	5.669118	0.42023	1 MB21D1	K17834
ENSG00000255103	0.588421	2.4334	0.420304	1 KIAA0754	K09228
ENSG00000205047	0.605723	2.1569	0.420439	1 FLJ00104	K17985
ENSG00000135213	0.63257	1.814899	0.420445	1 POM121C	K14316
ENSG00000255248	0.63257	1.814899	0.420445	1 RP11-166D19.1	-
ENSG00000198157	-0.54579	4.253059	0.420582	1 HMGN5	K17045
ENSG00000116273	0.536238	5.367434	0.420722	1 PHF13	-
ENSG00000169100	0.527506	9.135598	0.421228	1 SLC25A6	K05863
ENSG00000182287	-0.542387	4.42385	0.421255	1 AP1S2	K12394
ENSG00000135924	0.539834	4.583492	0.421338	1 DNAJB2	K09508
ENSG00000162623	-0.531025	6.453991	0.421412	1 TYW3	K15450
ENSG00000143952	-0.532439	5.891778	0.421465	1 VPS54	K17600
ENSG00000267673	-0.581612	2.645647	0.421769	1 FDX1L	-
ENSG00000134987	-0.534253	5.960834	0.421961	1 WDR36	K14554
ENSG00000185839	-0.570936	3.144226	0.422031	1 RP4-592A1.2	K00939
ENSG00000113645	0.528462	7.012709	0.422222	1 WWC1	K16685
ENSG00000164815	-0.537071	5.053209	0.42229	1 ORC5	K02607
ENSG00000198369	-0.540062	4.665451	0.422382	1 SPRED2	K04703
ENSG00000244041	0.580411	2.958281	0.422429	1 LINC01011	-
ENSG00000181649	-0.529704	6.410426	0.422477	1 PHLDA2	-
ENSG00000198814	-0.634113	2.119077	0.422712	1 GK	K00864
ENSG00000271335	0.585323	2.56511	0.423507	1 RP11-324I22.4	-
ENSG00000105963	-0.642597	1.290401	0.42351	1 ADAP1	-
ENSG00000177855	-0.642597	1.290401	0.42351	1 CACYBPP2	K04507
ENSG00000114544	-0.558035	3.584736	0.423621	1 SLC41A3	K15122
ENSG00000172273	0.539038	4.404154	0.42365	1 HINFP	K04613
ENSG00000151576	-0.533604	5.158637	0.423709	1 QTRTD1	K15407
ENSG00000076864	0.553021	3.757759	0.423715	1 RAPIGAP	K17700
ENSG00000021826	0.524167	10.05511	0.423902	1 CPS1	K01948
ENSG00000182240	0.52462	8.666107	0.423971	1 BACE2	K07747
ENSG00000250588	-0.553456	3.230471	0.423982	1 IQCJ-SCHIP1	-
ENSG00000261116	-0.559039	3.470843	0.424065	1 RP3-523K23.2	-
ENSG00000177054	-0.555989	3.850623	0.424143	1 ZDHHC13	K18932
ENSG00000116127	-0.550849	3.847523	0.424143	1 ALMS1	K16741
ENSG00000013364	0.526347	6.540446	0.424171	1 MVP	K17266
ENSG00000188910	-0.538837	4.401221	0.424187	1 GJB3	K07622
ENSG00000204406	-0.605539	2.342804	0.424256	1 MBD5	-
ENSG00000214145	0.600197	2.314832	0.424256	1 LINC00887	-
ENSG00000222041	-0.540405	4.749195	0.424408	1 LINC00152	-
ENSG00000111540	0.539382	4.439013	0.424451	1 RAB5B	K07888
ENSG00000076242	-0.534261	5.236142	0.424497	1 MLH1	K08734
ENSG00000163399	0.522851	10.01411	0.425069	1 ATP1A1	K01539
ENSG00000146223	-0.524449	7.535753	0.425215	1 RPL7L1	K17985
ENSG00000136122	-0.532416	5.24655	0.425254	1 BORA	K16831
ENSG00000117461	0.536112	4.412452	0.425527	1 PIK3R3	K02649
ENSG00000169093	0.526367	6.135875	0.425572	1 ASMTL	K05066
ENSG00000155115	-0.528567	5.771191	0.425875	1 GTF3C6	K15203
ENSG00000109066	0.545105	4.220649	0.426009	1 TMEM104	K17985
ENSG00000035687	-0.525267	6.400116	0.426021	1 ADSS	K01939
ENSG00000172476	-0.89069	0.362879	0.426125	1 RAB40A	K07928
ENSG00000188996	-0.89069	0.362879	0.426125	1 HUS1B	K10996

ENSG00000227124	-0.89069	0.362879	0.426125	1 ZNF717	K09228
ENSG00000237350	-0.89069	0.362879	0.426125	1 CDC42P6	K04393
ENSG00000272947	-0.89069	0.362879	0.426125	1 RP11-71H17.9	-
ENSG00000007952	-0.827036	0.322603	0.426125	1 NOX1	K08008
ENSG00000104723	-0.827036	0.322603	0.426125	1 TUSC3	K12669
ENSG00000116885	-0.827036	0.322603	0.426125	1 OSCP1	-
ENSG00000123977	-0.827036	0.322603	0.426125	1 DAW1	K19760
ENSG00000133710	-0.827036	0.322603	0.426125	1 SPINK5	-
ENSG00000155959	-0.827036	0.322603	0.426125	1 VBPI	-
ENSG00000196648	-0.827036	0.322603	0.426125	1 GOLGA6L20	-
ENSG00000227946	-0.827036	0.322603	0.426125	1 AC007383.3	-
ENSG00000268798	-0.827036	0.322603	0.426125	1 AC027307.3	K01368
ENSG00000163319	-0.531795	5.372297	0.426139	1 MRPS18C	K02963
ENSG00000138794	-0.559607	3.410329	0.426189	1 CASP6	K04396
ENSG00000164506	-0.559607	3.410329	0.426189	1 STXBP5	K08518
ENSG00000129514	-0.550517	3.950229	0.426378	1 FOXA1	K09387
ENSG00000149547	-0.524372	6.508369	0.426459	1 EI24	K10134
ENSG00000175137	0.53649	4.810352	0.426642	1 SH3BP5L	-
ENSG00000068079	-0.532893	5.297505	0.426832	1 IFI35	-
ENSG00000069509	-0.535099	4.770174	0.426937	1 FUNDC1	K17986
ENSG00000099377	0.527306	5.596382	0.427281	1 HSD3B7	K12408
ENSG00000164934	-0.523393	6.817371	0.427335	1 DCAF13	K11806
ENSG00000196950	0.523478	6.620359	0.427337	1 SLC39A10	K14716
ENSG00000126391	0.527175	5.660361	0.427489	1 FRMD8	-
ENSG00000213185	-0.729816	1.142407	0.427663	1 FAM24B	-
ENSG00000197381	0.521314	7.352089	0.428007	1 ADARB1	K13194
ENSG00000108465	-0.522687	6.551925	0.428183	1 CDK5RAP3	-
ENSG00000112812	-0.557448	3.65595	0.428188	1 PRSS16	K09649
ENSG00000124193	-0.520856	7.340124	0.428648	1 SRSF6	K12893
ENSG00000133935	-0.526659	5.248847	0.428747	1 C14orf1	K11504
ENSG00000131944	-0.611748	2.206698	0.428915	1 C19orf40	K10898
ENSG00000172270	0.5184	10.47282	0.42892	1 BSG	K06535
ENSG00000125375	-0.574445	2.959354	0.428925	1 ATP5S	K07554
ENSG00000176055	-0.545625	3.631249	0.429177	1 MBLAC2	K14026
ENSG00000053371	-0.529682	5.174469	0.429306	1 AKR7A2	K15303
ENSG00000112234	-0.539235	4.481783	0.429344	1 FBXL4	K10270
ENSG00000180448	0.529307	5.003618	0.429381	1 HMHA1	-
ENSG00000138778	-0.526067	5.465354	0.429817	1 CENPE	K11498
ENSG00000269728	-0.535487	4.419722	0.429839	1 RP11-145M9.4	-
ENSG00000267809	-0.6525	1.555135	0.429983	1 NDUFV2P1	K03943
ENSG00000063660	0.519796	6.803087	0.430216	1 GPC1	K08107
ENSG00000137171	-0.534579	4.302612	0.430312	1 KLC4	K10407
ENSG00000141527	0.526568	5.230137	0.430481	1 CARD14	-
ENSG00000144283	-0.525621	5.653565	0.430627	1 PKP4	K19720
ENSG00000060566	2.438432	-1.595162	0.430642	1 CREB3L3	K09048
ENSG00000063015	2.438432	-1.595162	0.430642	1 SEZ6	-
ENSG00000077092	2.438432	-1.595162	0.430642	1 RARB	K08528
ENSG00000086991	2.438432	-1.595162	0.430642	1 NOX4	-
ENSG00000087085	2.438432	-1.595162	0.430642	1 ACHE	K01049
ENSG00000087116	2.438432	-1.595162	0.430642	1 ADAMTS2	K08618
ENSG00000091656	2.438432	-1.595162	0.430642	1 ZFHX4	K09380
ENSG00000103316	2.438432	-1.595162	0.430642	1 CRYM	K18258
ENSG00000106069	2.438432	-1.595162	0.430642	1 CHN2	K05062
ENSG00000108825	2.438432	-1.595162	0.430642	1 PTGES3L-AARSD1	K07050
ENSG00000111732	2.438432	-1.595162	0.430642	1 AICDA	K10989
ENSG00000113073	2.438432	-1.595162	0.430642	1 SLC4A9	K13860
ENSG00000124232	2.438432	-1.595162	0.430642	1 RBPJL	K06053
ENSG00000129194	2.438432	-1.595162	0.430642	1 SOX15	K09271

ENSG00000130826	2.438432	-1.595162	0.430642	1 DKC1	K11131
ENSG00000130876	2.438432	-1.595162	0.430642	1 SLC7A10	K13782
ENSG00000133246	2.438432	-1.595162	0.430642	1 PRAM1	-
ENSG00000140285	2.438432	-1.595162	0.430642	1 FGF7	K04358
ENSG00000155974	2.438432	-1.595162	0.430642	1 GRIP1	-
ENSG00000159618	2.438432	-1.595162	0.430642	1 GPR114	K08459
ENSG00000162267	2.438432	-1.595162	0.430642	1 ITIH3	-
ENSG00000162618	2.438432	-1.595162	0.430642	1 ELTD1	K04595
ENSG00000162944	2.438432	-1.595162	0.430642	1 RFTN2	-
ENSG00000164675	2.438432	-1.595162	0.430642	1 IQUB	-
ENSG00000165092	2.438432	-1.595162	0.430642	1 ALDH1A1	K07249
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ENSG00000066827	0.548736	3.368953	0.431105	1 ZFAT	-
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ENSG00000254901	0.536652	3.56367	0.431264	1 MEF2BNB	K15696
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ENSG00000156639	0.521815	5.828366	0.431503	1 ZFAND3	K08834
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ENSG00000152147	-0.530756	4.607343	0.431759	1 GEMIN6	K13134
ENSG00000197056	-0.5293	4.73443	0.431792	1 ZMYM1	-
ENSG00000164574	-0.52693	4.952204	0.431843	1 GALNT10	K00710
ENSG00000007314	-0.876415	0.132235	0.431875	1 SCN4A	K04837
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ENSG00000117983	0.875871	-0.061516	0.431875	1 MUC5B	K13908
ENSG00000121104	0.875871	-0.061516	0.431875	1 FAM117A	-

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ENSG00000169885	0.875871	-0.061516	0.431875	1 CALML6	K02183
ENSG00000169962	0.875871	-0.061516	0.431875	1 TAS1R3	K04626
ENSG00000215394	0.875871	-0.061516	0.431875	1 BMS1P18	-
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ENSG00000220472	0.875871	-0.061516	0.431875	1 RP11-69L16.5	K02985
ENSG00000229931	0.875871	-0.061516	0.431875	1 RP1-151F17.1	-
ENSG00000232611	0.875871	-0.061516	0.431875	1 RP11-1114A5.4	-
ENSG00000234742	0.875871	-0.061516	0.431875	1 AC144530.1	K02880
ENSG00000236364	0.875871	-0.061516	0.431875	1 RP11-525G13.2	-
ENSG00000248109	0.875871	-0.061516	0.431875	1 CTC-295J13.3	-
ENSG00000161653	-0.799116	0.08425	0.431875	1 NAGS	K11067
ENSG00000163806	-0.799116	0.08425	0.431875	1 SPDYA	K08694
ENSG00000168676	-0.799116	0.08425	0.431875	1 KCTD19	-
ENSG00000230565	-0.799116	0.08425	0.431875	1 ZNF32-AS2	-
ENSG00000235105	-0.799116	0.08425	0.431875	1 RP11-329A14.1	K17532
ENSG00000241634	-0.799116	0.08425	0.431875	1 RP11-381E24.1	-
ENSG00000242220	-0.799116	0.08425	0.431875	1 TCP10L	-
ENSG00000246640	-0.799116	0.08425	0.431875	1 RP11-1094H24.4	-
ENSG00000257773	-0.799116	0.08425	0.431875	1 ST13P3	K09560
ENSG00000273018	-0.799116	0.08425	0.431875	1 CTD-2303H24.2	-
ENSG00000071073	0.740538	-0.00618	0.431875	1 MGAT4A	K00738
ENSG00000159905	0.740538	-0.00618	0.431875	1 ZNF221	K09228
ENSG00000214940	0.740538	-0.00618	0.431875	1 NPIPA8	K04985
ENSG00000228335	0.740538	-0.00618	0.431875	1 AC073063.10	K18732
ENSG00000233885	0.740538	-0.00618	0.431875	1 YEATS2-AS1	-
ENSG00000262154	0.740538	-0.00618	0.431875	1 LA16c-352F10.1	K03113
ENSG00000267871	0.740538	-0.00618	0.431875	1 CTC-444N24.6	-
ENSG00000136051	-0.520439	6.320799	0.432012	1 KIAA1033	K18465
ENSG00000100068	0.552444	2.528735	0.43206	1 LRP5L	K03068
ENSG00000183674	0.56162	2.847399	0.432247	1 LINC00518	-
ENSG00000068971	0.552833	3.230754	0.432343	1 PPP2R5B	K11584
ENSG00000166821	0.533921	4.064072	0.432349	1 PEX11A	K13351
ENSG00000112208	-0.519559	6.507903	0.432464	1 BAG2	K09556
ENSG00000211455	-0.523819	5.630788	0.432489	1 STK38L	K08790
ENSG00000197930	0.516277	7.237882	0.432621	1 ERO1L	K10950
ENSG00000171310	-0.527276	4.789261	0.43277	1 CHST11	K01017
ENSG00000185129	-0.528923	4.446022	0.43293	1 PURA	-
ENSG00000124160	-0.534489	4.291478	0.433011	1 NCOA5	-
ENSG00000197448	-0.516833	6.843918	0.433077	1 GSTK1	K13299
ENSG00000165030	0.518817	6.123931	0.433146	1 NFIL3	K09059
ENSG00000112290	-0.530212	4.814374	0.433233	1 WASF1	K05753
ENSG00000100101	-0.532124	4.427857	0.433555	1 NOL12	K14851
ENSG00000075643	-0.521627	5.397424	0.433823	1 MOCOS	K15631
ENSG00000121578	-0.521807	5.598643	0.433877	1 B4GALT4	K07969
ENSG00000165801	0.54715	2.953474	0.433945	1 ARHGEF40	-
ENSG00000187239	0.523774	5.286412	0.433949	1 FNBP1	-
ENSG00000136273	-0.541006	3.97261	0.434044	1 HUS1	K10903
ENSG00000178694	-0.566455	2.835549	0.434058	1 NSUN3	-
ENSG00000181016	0.635717	1.386	0.43406	1 LSMEM1	-
ENSG00000249626	-0.630941	1.460585	0.43406	1 RP11-496H1.1	K15425
ENSG00000102100	0.592863	1.405105	0.43406	1 SLC35A2	K15272
ENSG00000269473	0.592863	1.405105	0.43406	1 CTD-2619J13.19	-
ENSG00000269896	0.592863	1.405105	0.43406	1 RP4-740C4.6	-
ENSG00000163933	-0.528553	4.41558	0.434192	1 RFT1	K06316
ENSG00000120756	-0.531501	4.36552	0.434262	1 PLS1	K17275
ENSG00000161955	-0.585607	2.49808	0.434301	1 TNFSF13	K05475

ENSG00000167680	0.583873	2.261748	0.434415	1 SEMA6B	K06842
ENSG00000245614	-0.611264	1.814063	0.434448	1 DDX11-AS1	-
ENSG00000223380	0.594808	2.024085	0.43449	1 SEC22B	-
ENSG00000261505	0.594808	2.024085	0.43449	1 LA16c-358B7.3	-
ENSG00000137806	-0.529506	4.495372	0.434673	1 NDUFAF1	K18159
ENSG00000106028	-0.52459	5.103688	0.434981	1 SSBP1	-
ENSG00000136100	-0.519013	5.610335	0.435234	1 VPS36	K12190
ENSG00000099797	0.515892	6.345524	0.435302	1 TECR	K10258
ENSG00000273344	0.547547	3.046656	0.435437	1 PAXIP1-AS1	-
ENSG00000237765	-0.525324	4.648032	0.43549	1 FAM200B	-
ENSG00000186480	-0.517583	5.756709	0.435679	1 INSIG1	-
ENSG00000166401	-0.55612	2.797907	0.435981	1 SERPINB8	K13963
ENSG00000163320	-0.517281	5.871766	0.436095	1 CGGBP1	-
ENSG00000253954	-0.557399	2.630823	0.43632	1 HMGN1P38	K11299
ENSG00000182481	0.525282	4.65683	0.436505	1 KPNA2	K15043
ENSG00000173821	0.51177	7.281181	0.436575	1 RNF213	K03327
ENSG00000261526	0.580867	2.409158	0.436716	1 CTB-31O20.2	-
ENSG00000169679	-0.51145	7.396045	0.436921	1 BUB1	K02178
ENSG00000127481	0.511194	7.344218	0.437005	1 UBR4	K10691
ENSG00000101079	0.515201	5.604531	0.437161	1 NDRG3	K17985
ENSG00000133460	0.552658	2.871806	0.437536	1 SLC2A11	K08148
ENSG00000196159	-0.552891	3.342712	0.437553	1 FAT4	K16669
ENSG00000143507	-0.603303	1.990601	0.437711	1 DUSP10	K04459
ENSG00000180917	-0.532583	4.074787	0.437884	1 CMTR2	K14590
ENSG00000117153	-0.520646	4.712861	0.437903	1 KLHL12	K10450
ENSG00000134321	-1.161914	-0.282393	0.438083	1 RSAD2	K15045
ENSG00000157064	-1.161914	-0.282393	0.438083	1 NMNAT2	K06210
ENSG00000166246	-1.161914	-0.282393	0.438083	1 C16orf71	-
ENSG00000239704	-1.161914	-0.282393	0.438083	1 CDRT4	-
ENSG00000261575	-1.161914	-0.282393	0.438083	1 RP11-259G18.1	-
ENSG00000140678	1.021395	-0.417965	0.438083	1 ITGAX	K06462
ENSG00000167311	1.021395	-0.417965	0.438083	1 ART5	K00775
ENSG00000178429	1.021395	-0.417965	0.438083	1 RPS3AP5	K02984
ENSG00000204956	1.021395	-0.417965	0.438083	1 PCDHGA1	K16495
ENSG00000215126	1.021395	-0.417965	0.438083	1 CBWD7	-
ENSG00000247982	1.021395	-0.417965	0.438083	1 LINC00926	-
ENSG00000271643	1.021395	-0.417965	0.438083	1 RP11-10C24.3	-
ENSG00000121101	0.832987	-0.346466	0.438083	1 TEX14	K17540
ENSG00000143554	0.832987	-0.346466	0.438083	1 SLC27A3	K08772
ENSG00000187994	0.832987	-0.346466	0.438083	1 RINL	-
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ENSG00000259556	0.832987	-0.346466	0.438083	1 RP11-56B16.2	K15177
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ENSG00000270607	0.832987	-0.346466	0.438083	1 RP11-359E10.1	-
ENSG00000173163	-0.539079	3.517175	0.438166	1 COMMD1	-
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ENSG00000182405	-0.665103	1.712497	0.438288	1 PGBD4	-
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ENSG00000268885	0.621713	1.644884	0.438288	1 AC026740.1	-
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ENSG00000262089	0.712226	0.74652	0.438358	1 RP11-589P10.5	-
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ENSG00000155100	-0.515578	5.270536	0.438495	1 OTUD6B	K18342
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ENSG00000125703	-0.516099	5.104944	0.438875	1 ATG4C	K08342
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ENSG00000184500	0.515356	4.786743	0.439035	1 PROS1	K03908
ENSG00000170632	-0.515801	5.526436	0.439214	1 ARMC10	K10279
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ENSG00000268573	0.564964	2.359454	0.439326	1 RP11-158H5.7	-
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ENSG00000107833	-0.511527	6.29096	0.439731	1 NPM3	K11278
ENSG00000118894	-0.530274	3.850316	0.439739	1 FAM86A	-
ENSG00000109762	0.510468	5.562361	0.440152	1 SNX25	K17887
ENSG00000114353	0.571841	2.138603	0.440198	1 GNAI2	-
ENSG00000182704	0.508529	6.719998	0.440411	1 TSKU	K08130
ENSG00000137133	-0.524937	4.621607	0.440454	1 HINT2	-
ENSG00000089048	-0.520637	4.861768	0.440569	1 ESF1	-
ENSG00000124587	0.511223	5.887466	0.440578	1 PEX6	K13339
ENSG00000160746	-0.528799	4.123286	0.440761	1 ANO10	-
ENSG00000132535	0.528361	4.11065	0.440761	1 DLG4	K11828
ENSG00000118246	-0.514938	5.408796	0.440761	1 FASTKD2	K18190
ENSG00000239911	-0.57149	2.528413	0.441081	1 PRKAG2-AS1	-
ENSG00000109458	-0.545527	3.359753	0.441399	1 GAB1	K09593
ENSG00000225031	0.528081	3.864457	0.441404	1 EIF4BP7	K03258
ENSG00000249815	0.528081	3.864457	0.441404	1 RP11-269F21.3	-
ENSG00000104517	0.505851	7.657614	0.441427	1 UBR5	K10593
ENSG00000130803	0.511825	5.149483	0.441672	1 ZNF317	K09228
ENSG00000078237	-0.516467	4.903293	0.44169	1 C12orf5	K14634
ENSG00000066629	0.515351	4.95205	0.441741	1 EML1	K18595
ENSG00000137269	-0.52975	3.804034	0.441876	1 LRRC1	K16175
ENSG00000204856	-0.515692	4.866259	0.441929	1 FAM216A	K06883
ENSG00000140416	-0.507215	6.716616	0.441934	1 TPM1	K10373
ENSG00000166788	-0.527833	4.045875	0.44206	1 SAAL1	-
ENSG00000165948	0.523991	4.138399	0.44213	1 IFI27L1	-
ENSG00000174720	-0.513026	5.543424	0.442312	1 LARP7	K15191
ENSG00000149418	0.528505	3.71191	0.442399	1 ST14	K08670
ENSG00000088543	1.324815	-0.890764	0.442579	1 C3orf18	-
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ENSG00000108950	1.324815	-0.890764	0.442579	1 FAM20A	-
ENSG00000127241	1.324815	-0.890764	0.442579	1 MASP1	K03992
ENSG00000135951	1.324815	-0.890764	0.442579	1 TSGA10	-
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ENSG00000204659	1.324815	-0.890764	0.442579	1 CBY3	-
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ENSG00000229525	1.324815	-0.890764	0.442579	1 AC053503.4	-
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ENSG00000261441	1.324815	-0.890764	0.442579	1 RP11-217B1.2	-
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ENSG00000268379	1.324815	-0.890764	0.442579	1 CTC-360J11.4	K17659
ENSG00000269952	1.324815	-0.890764	0.442579	1 RP11-324I22.3	-
ENSG00000273186	1.324815	-0.890764	0.442579	1 RP11-339B21.10	-
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ENSG00000258790	-1.249252	-0.666575	0.442579	1 KIAA0391	K17655
ENSG00000259845	-1.249252	-0.666575	0.442579	1 HERC2P10	K10595
ENSG00000260591	-1.249252	-0.666575	0.442579	1 RP11-817O13.6	-
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ENSG00000080644	1.014574	-0.790856	0.442579	1 CHRNA3	K04805
ENSG00000081181	1.014574	-0.790856	0.442579	1 ARG2	K01476
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ENSG00000139329	1.014574	-0.790856	0.442579	1 LUM	K08122
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ENSG00000166482	1.014574	-0.790856	0.442579	1 MFAP4	-
ENSG00000184544	1.014574	-0.790856	0.442579	1 DHRS7C	K11167
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ENSG00000186684	1.014574	-0.790856	0.442579	1 CYP27C1	K17951
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ENSG00000249715	1.014574	-0.790856	0.442579	1 FER1L5	K02927
ENSG00000251994	1.014574	-0.790856	0.442579	1 RNU2-27P	-
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ENSG00000258759	1.014574	-0.790856	0.442579	1 RP11-1012A1.7	K09529
ENSG00000260495	1.014574	-0.790856	0.442579	1 RP11-55K13.1	-
ENSG00000260808	1.014574	-0.790856	0.442579	1 CTD-2007L18.5	-
ENSG00000261713	1.014574	-0.790856	0.442579	1 SSTR5-AS1	-
ENSG00000266507	1.014574	-0.790856	0.442579	1 MIR4479	-
ENSG00000267141	1.014574	-0.790856	0.442579	1 CTB-31O20.8	-
ENSG00000272482	1.014574	-0.790856	0.442579	1 RP11-474O21.5	-
ENSG00000272896	1.014574	-0.790856	0.442579	1 RP11-216L13.17	-
ENSG00000273343	1.014574	-0.790856	0.442579	1 XXbac-B444P24.13	-
ENSG00000183929	0.634443	1.543356	0.442635	1 DUSP5P1	K04459
ENSG00000112294	-0.621798	1.612621	0.442635	1 ALDH5A1	K00139
ENSG00000101400	0.511372	5.04818	0.44277	1 SNTA1	-
ENSG00000198604	-0.509161	5.987328	0.443229	1 BAZ1A	K11655
ENSG00000185269	0.577985	2.067146	0.443513	1 NOTUM	-
ENSG00000175792	-0.504662	7.04488	0.443567	1 RUVBL1	K04499
ENSG00000198000	-0.506354	6.370864	0.443737	1 NOL8	-
ENSG00000188818	0.520421	4.383377	0.443772	1 ZDHHC11	K18932
ENSG00000048162	-0.50693	6.071719	0.443803	1 NOP16	-
ENSG00000162384	-0.517938	4.213265	0.44387	1 C1orf123	-
ENSG00000054654	0.505956	6.131446	0.443879	1 SYNE2	K19346
ENSG00000104427	-0.522665	4.002775	0.443994	1 ZC2HC1A	-
ENSG00000226381	-0.683529	1.218259	0.444231	1 RP11-119F19.2	-
ENSG00000236360	-0.683529	1.218259	0.444231	1 RP11-334A14.2	K07830
ENSG00000235231	0.672957	1.130437	0.444231	1 AP000351.10	K10028
ENSG00000232233	-0.649716	1.197032	0.444231	1 RP11-573D15.2	-
ENSG00000203761	0.620808	1.153537	0.444231	1 MSTO2P	-
ENSG00000140406	-0.518903	4.618016	0.444307	1 MESDC1	-
ENSG00000116191	-0.512963	5.152465	0.444342	1 RALGPS2	-
ENSG00000105865	-0.531227	3.938642	0.444551	1 DUS4L	K05545
ENSG00000160948	-0.526364	3.93573	0.444551	1 VPS28	K12184
ENSG00000002549	-0.509902	5.480132	0.444596	1 LAP3	K11142
ENSG00000272325	-0.510377	5.289675	0.444624	1 NUDT3	K07766
ENSG00000165506	-0.508628	5.14382	0.4448	1 DNAAF2	K19751
ENSG00000120992	-0.502211	7.432259	0.445168	1 LYPLA1	K06128
ENSG00000008405	-0.508381	5.5453	0.445205	1 CRY1	K02295
ENSG00000119729	0.50341	6.608625	0.445247	1 RHOQ	K07194
ENSG00000139146	-0.502099	7.414672	0.445293	1 FAM60A	-
ENSG00000104998	-0.510295	4.949328	0.445321	1 IL27RA	K19598
ENSG00000094631	-0.812766	0.672515	0.445397	1 HDAC6	K11407
ENSG00000254719	-0.812766	0.672515	0.445397	1 RP11-351I24.3	K04545
ENSG00000087303	-0.762437	0.640598	0.445397	1 NID2	K06826
ENSG00000224699	0.752973	0.552303	0.445397	1 LAMTOR5-AS1	-
ENSG00000129749	0.671297	0.587699	0.445397	1 CHRNA10	K04811
ENSG00000144214	0.671297	0.587699	0.445397	1 LYG1	-
ENSG00000233175	0.671297	0.587699	0.445397	1 CTD-2020K17.3	-
ENSG00000251257	0.671297	0.587699	0.445397	1 CTD-2263F21.1	-
ENSG00000268030	0.671297	0.587699	0.445397	1 AC005253.2	-
ENSG00000272808	0.671297	0.587699	0.445397	1 RP11-66B24.7	-
ENSG00000164077	-0.553709	3.183002	0.445448	1 MON1A	K01557
ENSG00000183718	0.531451	3.578532	0.445569	1 TRIM52	K12025
ENSG00000224259	-0.521409	4.401104	0.44564	1 LINC01133	-

ENSG00000188312	0.530874	3.419387	0.445834	1 CENPP	K11508
ENSG00000148690	-0.510645	4.963424	0.446062	1 FRA10AC1	K13121
ENSG00000153291	-0.520241	4.118175	0.446195	1 SLC25A27	K15112
ENSG00000196155	-0.515894	4.467863	0.446234	1 PLEKHG4	-
ENSG00000075131	-0.513433	4.504948	0.446511	1 TIPIN	K10904
ENSG00000079950	-0.508239	4.869232	0.446542	1 STX7	K08488
ENSG00000173621	-0.501351	6.813959	0.447003	1 LRFN4	K16357
ENSG00000064012	-0.508788	5.149996	0.447028	1 CASP8	K04398
ENSG00000024422	0.50049	6.999597	0.447141	1 EHD2	K12469
ENSG00000135407	0.607648	1.452617	0.447595	1 AVIL	K08017
ENSG00000261254	0.607648	1.452617	0.447595	1 RP4-714D9.5	-
ENSG00000130522	-0.500441	6.865905	0.447719	1 JUND	K04449
ENSG00000183665	-0.528381	3.68988	0.447862	1 TRMT12	K07055
ENSG00000181467	-0.505084	5.593222	0.448433	1 RAP2B	K07838
ENSG00000111666	-0.503547	5.592316	0.448433	1 CHPT1	K00994
ENSG00000187742	-0.511096	4.541104	0.448467	1 SECISBP2	K19539
ENSG00000139131	-0.50296	5.622829	0.448642	1 YARS2	K01866
ENSG00000076201	0.507746	4.789954	0.448718	1 PTPN23	K18040
ENSG00000143669	0.51457	4.008035	0.448855	1 LYST	-
ENSG00000117862	-0.498355	7.070198	0.449222	1 TXNDC12	K05360
ENSG00000140400	-0.504643	5.218584	0.449623	1 MAN2C1	K01191
ENSG00000126814	-0.509716	4.722792	0.449638	1 TRMT5	K15429
ENSG00000128573	-0.559854	2.358445	0.449714	1 FOXP2	K09409
ENSG00000178977	0.59879	1.700729	0.449741	1 LINC00324	-
ENSG00000243716	0.518322	3.761468	0.449889	1 NPIP5	K08873
ENSG00000173334	-0.501955	5.859028	0.450122	1 TRIB1	K08814
ENSG00000075945	-0.507032	5.161043	0.450341	1 KIFAP3	-
ENSG00000185088	-0.497861	6.663254	0.450497	1 RPS27L	K02978
ENSG00000175745	-0.505054	5.482091	0.450659	1 NR2F1	K08547
ENSG00000270172	-0.535912	2.991889	0.450668	1 RP5-1024G6.8	-
ENSG00000272579	-0.535912	2.991889	0.450668	1 RP11-101E13.5	-
ENSG00000173706	0.49563	7.649046	0.450685	1 HEG1	-
ENSG00000146856	0.639473	1.00929	0.450687	1 AGL3	-
ENSG00000185504	-0.505679	4.953558	0.450959	1 C17orf70	K10993
ENSG00000163743	-0.513014	3.983427	0.45102	1 RCHY1	K10144
ENSG00000164163	-0.496845	6.349586	0.451096	1 ABCE1	K06174
ENSG00000232445	-0.536478	3.072305	0.45117	1 RP11-132A1.4	-
ENSG00000127954	0.495667	6.999233	0.451519	1 STEAP4	K16467
ENSG00000198890	-0.510903	4.656665	0.451525	1 PRMT6	K11437
ENSG00000182700	0.523684	3.144702	0.451611	1 IGIP	-
ENSG00000164764	-0.556595	2.733388	0.451945	1 SBSPON	K16467
ENSG00000133243	-0.495238	6.498333	0.452247	1 BTBD2	K10477
ENSG00000152620	-0.495377	6.881225	0.452283	1 NADK2	K00858
ENSG00000248835	0.587621	2.097669	0.452285	1 AL357673.1	K12581
ENSG00000223509	-0.579833	2.137088	0.452285	1 RP11-632K20.7	-
ENSG00000143156	-0.509409	4.473745	0.452318	1 NME7	K00940
ENSG00000196923	-0.495988	6.608261	0.452329	1 PDLIM7	-
ENSG00000153162	0.495183	6.672905	0.452566	1 BMP6	K16620
ENSG00000117602	-0.514686	3.84099	0.452929	1 RCAN3	K17905
ENSG00000134056	-0.514686	3.84099	0.452929	1 MRPS36	K17414
ENSG00000173209	-0.49827	5.823158	0.452991	1 AHSA2	-
ENSG00000131844	-0.497211	6.223503	0.453022	1 MCCC2	K01969
ENSG00000172000	0.523628	3.020446	0.45328	1 ZNF556	K09228
ENSG00000176371	0.523628	3.020446	0.45328	1 ZSCAN2	K09488
ENSG00000242588	0.621185	1.33623	0.453309	1 RP11-274B21.1	K08864
ENSG00000254996	0.621185	1.33623	0.453309	1 ANKHD1-EIF4EBP	K16726
ENSG00000259802	0.621185	1.33623	0.453309	1 CTD-2256P15.2	-
ENSG00000104946	0.503956	4.791556	0.453578	1 TBC1D17	-

ENSG00000164548	-0.496447	6.081466	0.453601	1 TRA2A	K12897
ENSG00000272269	-0.545426	3.128726	0.453613	1 RP11-500C11.3	-
ENSG00000117308	-0.49989	5.192487	0.453688	1 GALE	K01784
ENSG00000185630	-0.501123	5.031884	0.453718	1 PBX1	-
ENSG00000115946	-0.499135	5.549046	0.453909	1 PNO1	K11884
ENSG00000130779	0.492779	7.129871	0.453946	1 CLIP1	K10421
ENSG00000131788	0.809061	0.32812	0.454082	1 PIAS3	K16064
ENSG00000144285	0.809061	0.32812	0.454082	1 SCN1A	K04833
ENSG00000232628	0.809061	0.32812	0.454082	1 RP11-365O16.3	-
ENSG00000272853	0.809061	0.32812	0.454082	1 RP11-398C13.6	-
ENSG00000147650	-0.732038	0.453823	0.454082	1 LRP12	K12581
ENSG00000228519	-0.732038	0.453823	0.454082	1 RP11-298C3.2	K15306
ENSG00000270175	-0.732038	0.453823	0.454082	1 RP11-793H13.11	-
ENSG00000105270	0.710667	0.369847	0.454082	1 CLIP3	K10423
ENSG00000205744	0.710667	0.369847	0.454082	1 DENND1C	-
ENSG00000227630	0.710667	0.369847	0.454082	1 LINC01132	-
ENSG00000250896	0.710667	0.369847	0.454082	1 RNPS1P1	K14325
ENSG00000254416	0.710667	0.369847	0.454082	1 RP11-347E10.1	-
ENSG00000261542	0.710667	0.369847	0.454082	1 RP11-16E18.3	-
ENSG00000272198	0.710667	0.369847	0.454082	1 RP11-309G3.3	-
ENSG00000004399	0.492405	7.248798	0.454114	1 PLXND1	K06822
ENSG00000033867	-0.495703	5.747802	0.454138	1 SLC4A7	K13858
ENSG00000161888	0.497166	5.770729	0.45422	1 SPC24	K11549
ENSG00000064490	-0.49861	5.434314	0.454433	1 RFXANK	K08062
ENSG00000205981	-0.49861	5.434314	0.454433	1 DNAJC19	K09539
ENSG00000152642	-0.502932	5.090862	0.454474	1 GPD1L	K00006
ENSG00000136875	-0.495143	6.163728	0.454687	1 PRPF4	K12662
ENSG00000128266	0.60931	1.603217	0.454799	1 GNAZ	-
ENSG00000168453	0.492065	6.785953	0.455185	1 HR	K00478
ENSG00000267575	-0.535274	2.906702	0.455261	1 CTC-459F4.3	-
ENSG00000115827	-0.516754	3.682914	0.455268	1 DCAF17	-
ENSG00000138641	0.514374	3.671324	0.455268	1 HERC3	K10614
ENSG00000184792	-0.494485	6.086631	0.455337	1 OSBP2	-
ENSG00000164758	-0.504992	4.653162	0.455354	1 MED30	K15143
ENSG00000112996	-0.490185	7.911595	0.455548	1 MRPS30	K17409
ENSG00000137038	-0.498777	5.585043	0.455644	1 TMEM261	-
ENSG00000107862	0.493742	6.248777	0.455679	1 GBF1	K18443
ENSG00000169220	0.527259	3.073437	0.455718	1 RGS14	K17706
ENSG00000253683	-0.608375	1.875361	0.455728	1 CTB-79E8.3	K07604
ENSG00000273108	-0.587365	1.862338	0.455728	1 RP11-416N2.4	-
ENSG00000152952	0.489055	8.634834	0.455939	1 PLOD2	K13645
ENSG00000169439	-0.491595	6.741831	0.456026	1 SDC2	K16336
ENSG00000160271	0.498439	5.011892	0.456063	1 RALGDS	K08732
ENSG00000105755	-0.495097	5.609451	0.456091	1 ETHE1	K17725
ENSG00000070778	-0.530658	3.329283	0.456207	1 PTPN21	K18025
ENSG00000137547	-0.493035	6.414132	0.456208	1 MRPL15	K02876
ENSG00000132436	-0.498536	5.326118	0.456537	1 FIGNL1	K12196
ENSG00000181524	0.513767	3.586142	0.456645	1 RPL24P4	K02896
ENSG00000182973	-0.494623	5.417005	0.456656	1 CNOT10	K12607
ENSG00000198466	0.502822	4.461362	0.456669	1 ZNF587	K09228
ENSG00000126217	0.49096	6.44769	0.456711	1 MCF2L	-
ENSG00000162702	-0.492872	5.816192	0.456759	1 ZNF281	-
ENSG00000145029	-0.561267	2.223748	0.456779	1 NICN1	K16607
ENSG00000104907	-0.49005	7.050894	0.456826	1 TRMT1	K00555
ENSG00000188486	-0.4906	6.751208	0.456915	1 H2AFX	K11251
ENSG00000143224	-0.509351	4.021632	0.457162	1 PPOX	K00231
ENSG00000222011	-0.558335	2.520358	0.457328	1 FAM185A	-
ENSG00000139182	0.491897	5.719091	0.457381	1 CLSTN3	-

ENSG00000179950	0.504636	4.338586	0.457455	1 PUF60	K12838
ENSG00000213923	0.487783	8.043207	0.457497	1 CSNK1E	K08960
ENSG00000163659	-0.490878	6.158234	0.457675	1 TIPARP	K15259
ENSG00000100364	0.488876	6.946367	0.457815	1 KIAA0930	-
ENSG00000160124	-0.493423	5.285176	0.457976	1 CCDC58	K16741
ENSG00000218283	0.489351	6.600446	0.458049	1 MORF4L1P1	K11339
ENSG00000185567	0.48753	7.588175	0.45816	1 AHNAK2	-
ENSG00000196843	0.505647	3.894572	0.458325	1 ARID5A	-
ENSG00000168970	-0.722021	0.90035	0.45842	1 JMJD7-PLA2G4B	K16342
ENSG00000198576	-0.722021	0.90035	0.45842	1 ARC	K15867
ENSG00000120278	0.662847	0.849152	0.45842	1 PLEKHG1	-
ENSG00000252645	0.662847	0.849152	0.45842	1 RNU7-111P	-
ENSG00000142634	0.487499	7.284457	0.458561	1 EFHD2	-
ENSG00000064932	0.487166	7.394611	0.458723	1 SBNO2	-
ENSG00000156162	-0.490794	5.49282	0.45935	1 DPY19L4	-
ENSG00000167552	0.497524	4.232784	0.459416	1 TUBA1A	K07374
ENSG00000064933	-0.495548	4.933619	0.459734	1 PMS1	K10864
ENSG00000226137	-0.512287	3.481879	0.459908	1 BAIAP2-AS1	-
ENSG00000106526	0.637339	1.209696	0.459963	1 ACTR3C	K18584
ENSG00000197409	0.637339	1.209696	0.459963	1 HIST1H3D	K11253
ENSG00000232060	0.637339	1.209696	0.459963	1 RP11-255N24.4	-
ENSG00000163354	-0.610298	1.270272	0.459963	1 DCST2	-
ENSG00000141562	0.488418	6.272837	0.460264	1 NARF	-
ENSG00000113845	-0.4869	6.743074	0.460327	1 TIMMDC1	-
ENSG00000188917	-0.502506	4.227229	0.460463	1 TRMT2B	K15331
ENSG00000271576	0.621478	1.498672	0.460565	1 RP11-486G15.2	-
ENSG00000116406	-0.499221	4.740866	0.46063	1 EDEM3	K10086
ENSG00000162009	0.538904	2.281632	0.460755	1 SSTR5	K04221
ENSG00000135899	-0.566984	1.78666	0.460787	1 SP110	-
ENSG00000183496	-0.566984	1.78666	0.460787	1 MEX3B	K15686
ENSG00000148290	-0.544765	2.16544	0.460817	1 SURF1	K14998
ENSG00000224420	-0.544765	2.16544	0.460817	1 ADM5	-
ENSG00000117620	-0.486452	6.681741	0.460876	1 SLC35A3	K15272
ENSG00000135778	-0.491935	5.29524	0.460966	1 NTPCR	K06928
ENSG00000026103	-0.493989	4.89	0.461088	1 FAS	K04390
ENSG00000125772	0.487757	5.643727	0.461216	1 GPCPD1	K18695
ENSG00000124532	-0.488708	5.992185	0.46126	1 MRS2	K16075
ENSG00000069399	0.489701	5.518922	0.461457	1 BCL3	K09258
ENSG00000153714	0.502823	4.155952	0.461618	1 LURAP1L	-
ENSG00000108561	-0.48289	8.767686	0.461626	1 C1QBP	K15414
ENSG00000151502	0.491948	5.074548	0.461928	1 VPS26B	K18466
ENSG00000182134	0.509051	3.217582	0.462139	1 TDRKH	K18406
ENSG00000122912	0.506269	3.777731	0.462487	1 SLC25A16	K15084
ENSG00000236287	-0.484234	6.821008	0.462613	1 ZBED5	-
ENSG00000163138	-0.516824	2.980364	0.462737	1 PACRGL	K10408
ENSG00000122483	-0.489878	5.336979	0.46283	1 CCDC18	K14825
ENSG00000112033	0.501902	4.095565	0.462871	1 PPARD	K04504
ENSG00000125875	0.494384	4.926325	0.462934	1 TBC1D20	K17985
ENSG00000242539	-0.535044	2.877145	0.462981	1 AC007620.3	-
ENSG00000100209	-0.493759	4.405057	0.463011	1 HSCB	K04082
ENSG00000173846	-0.50609	3.497379	0.463328	1 PLK3	K08862
ENSG00000174791	-0.484607	5.921032	0.463665	1 RIN1	K17638
ENSG00000205403	0.498009	4.123597	0.463909	1 CFI	K01333
ENSG00000032389	-0.492773	4.637362	0.463928	1 TSSC1	-
ENSG00000100307	0.494506	4.035293	0.464235	1 CBX7	K11454
ENSG00000245937	-0.51308	3.206109	0.464307	1 CTC-228N24.3	-
ENSG00000104524	-0.490484	5.045176	0.46439	1 PYCRL	K00286
ENSG00000213123	-0.528166	3.118293	0.464616	1 TCTEX1D2	-

ENSG00000087903	0.507743	3.099713	0.464616	1 RFX2	K09173
ENSG00000168291	-0.482301	6.63497	0.464812	1 PDHB	K00162
ENSG00000185641	0.487247	5.320942	0.464824	1 CTD-2287O16.1	K02975
ENSG00000163029	-0.487429	5.407755	0.464937	1 SMC6	K02159
ENSG00000137871	-0.489529	4.901746	0.464993	1 ZNF280D	-
ENSG00000172803	-0.949783	0.178499	0.465039	1 SNX32	K17920
ENSG00000240399	-0.949783	0.178499	0.465039	1 RP1-228P16.1	K02922
ENSG00000241057	-0.949783	0.178499	0.465039	1 AC004985.12	K17630
ENSG00000162645	0.767521	0.113659	0.465039	1 GBP2	-
ENSG00000221539	0.767521	0.113659	0.465039	1 SNORD99	-
ENSG00000265399	0.767521	0.113659	0.465039	1 RP13-270P17.2	-
ENSG00000272990	0.767521	0.113659	0.465039	1 RP11-305K5.1	-
ENSG00000166479	-0.486027	5.494763	0.46543	1 TMX3	K09585
ENSG00000087253	-0.50054	4.029607	0.465504	1 LPCAT2	K13510
ENSG00000113739	-0.4841	5.328287	0.465789	1 STC2	-
ENSG00000198873	0.485636	5.214886	0.465822	1 GRK5	K08291
ENSG00000172893	-0.489852	5.138828	0.466249	1 DHCR7	K00213
ENSG00000101412	0.480744	6.32638	0.466314	1 E2F1	K17454
ENSG00000162572	-0.617927	1.68297	0.466499	1 SCNN1D	K04826
ENSG00000073711	-0.520383	3.162866	0.466581	1 PPP2R3A	K11583
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ENSG00000225830	-0.491226	5.006217	0.46699	1 ERCC6	K10841
ENSG00000124067	0.483493	5.436072	0.467055	1 SLC12A4	K14427
ENSG00000135272	-0.483865	5.32283	0.467287	1 MDFIC	-
ENSG00000141298	0.485122	5.036236	0.467378	1 SSH2	K05766
ENSG00000132423	-0.494868	4.435729	0.467435	1 COQ3	K00591
ENSG00000101311	-0.497761	4.079639	0.467573	1 FERMT1	K17082
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ENSG00000186026	-0.694339	1.119961	0.467814	1 ZNF284	K09228
ENSG00000259976	-0.694339	1.119961	0.467814	1 RP11-553L6.5	-
ENSG00000167065	0.656952	1.071081	0.467814	1 DUSP18	K14165
ENSG00000225760	-0.693097	0.74683	0.467852	1 LINC00431	-
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ENSG00000242338	-0.693097	0.74683	0.467852	1 BMS1P4	K14569
ENSG00000254860	-0.693097	0.74683	0.467852	1 TMEM9B-AS1	-
ENSG00000258704	-0.693097	0.74683	0.467852	1 RP11-85K15.2	-
ENSG00000125618	0.692974	0.669195	0.467852	1 PAX8	K09293
ENSG00000186765	0.692974	0.669195	0.467852	1 FSCN2	K17455
ENSG00000226823	0.692974	0.669195	0.467852	1 SUGT1P	K12795
ENSG00000254389	0.692974	0.669195	0.467852	1 RHPN1-AS1	-
ENSG00000214357	0.497988	4.024499	0.467852	1 NEURL1B	K01931
ENSG00000259479	-0.507475	3.293531	0.467932	1 CTD-2008A1.2	K00008
ENSG00000065989	0.483211	5.127071	0.467959	1 PDE4A	K13293
ENSG00000125877	-0.482377	5.409813	0.468172	1 ITPA	K01519
ENSG00000172732	-0.485251	5.355266	0.468537	1 MUS81	K08991
ENSG00000173120	0.481302	5.810412	0.468615	1 KDM2A	K10276
ENSG00000112319	0.481559	5.697223	0.468675	1 EYA4	K17622
ENSG00000128791	-0.4855	5.318451	0.468796	1 TWSG1	K17985
ENSG00000027001	-0.4918	4.352441	0.468936	1 MIPEP	K01410
ENSG00000139921	-0.480339	5.932549	0.46911	1 TMX1	-
ENSG00000234160	-0.561804	2.175878	0.469114	1 RP11-613M10.6	-
ENSG00000188153	0.477535	6.509741	0.469494	1 COL4A5	K06237
ENSG00000099364	-0.483306	5.22325	0.469506	1 FBXL19	K10285
ENSG00000261088	-0.508659	3.33757	0.469589	1 RP11-61A14.3	-
ENSG00000163697	-0.482575	4.854093	0.469974	1 APBB2	K04530
ENSG00000253293	-0.50663	3.516655	0.470055	1 HOXA10	K17443
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ENSG00000178425	-0.484043	5.194856	0.470265	1 NT5DC1	K01794
ENSG00000144635	-0.481814	5.097227	0.470499	1 DYNC1LI1	K10416
ENSG00000178878	0.501363	3.432172	0.470579	1 APOLD1	K12581
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ENSG00000251562	0.472026	10.35697	0.471118	1 MALAT1	-
ENSG00000100983	-0.475537	6.569694	0.471242	1 GSS	K01920
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ENSG00000178093	0.531928	2.402679	0.471336	1 TSSK6	K08811
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ENSG00000234231	-0.522713	2.745584	0.471923	1 AC093616.4	K03348
ENSG00000260896	0.516515	2.714818	0.471923	1 RP11-314O13.1	-
ENSG00000214717	0.472979	7.284672	0.472015	1 ZBED1	K11170
ENSG00000108175	0.474513	6.120676	0.472052	1 ZMIZ1	-
ENSG00000100292	0.490137	4.082775	0.472077	1 HMOX1	K00510
ENSG00000108176	0.487848	4.292374	0.47226	1 DNAJC12	K09532
ENSG00000166446	0.474593	6.395863	0.472274	1 CDYL2	K00653
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ENSG00000124635	0.529561	2.25476	0.472508	1 HIST1H2BJ	K11252
ENSG00000132680	0.473849	6.531272	0.472535	1 KIAA0907	K17985
ENSG00000124459	-0.503773	3.41758	0.472635	1 ZNF45	K09228
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ENSG00000091140	-0.472663	7.07421	0.472869	1 DLD	K00382
ENSG00000079819	0.474182	6.424799	0.47292	1 EPB41L2	K06107
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ENSG00000077420	-0.570422	1.580766	0.472999	1 APBB1IP	K17704
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ENSG00000116044	0.471465	7.218034	0.473523	1 NFE2L2	K05638
ENSG00000120798	-0.47676	5.802947	0.473659	1 NR2C1	K08543
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ENSG00000144559	-0.562381	2.126352	0.473914	1 TAMM41	K17807
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ENSG00000162878	0.471682	6.384326	0.474288	1 PKDCC	K17548
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ENSG00000136522	-0.472031	6.368847	0.474486	1 MRPL47	K17428
ENSG00000128654	-0.47778	5.456405	0.474619	1 MTX2	K17776
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ENSG00000099308	0.492209	3.738977	0.475653	1 MAST3	K08789
ENSG00000170364	-0.510696	3.107777	0.475864	1 SETMAR	K11433
ENSG00000081760	0.472366	5.792274	0.475876	1 AACS	K01907
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ENSG00000175602	-0.469792	6.814469	0.476051	1 CCDC85B	K16758
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ENSG00000101898	-0.66765	0.989655	0.477216	1 RP3-324O17.4	K07575
ENSG00000257086	-0.66765	0.989655	0.477216	1 RP11-783K16.13	-
ENSG00000073737	-0.627199	0.96444	0.477216	1 DHRS9	K11149
ENSG00000225465	-0.627199	0.96444	0.477216	1 RFPL1S	-
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ENSG00000135049	0.469845	5.486939	0.477326	1 AGTPBP1	-
ENSG00000133315	-0.473908	5.268223	0.47739	1 MACROD1	-
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ENSG00000182208	0.487581	4.187775	0.47758	1 MOB2	-
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ENSG00000256628	-0.591412	1.735727	0.477755	1 ZBTB11-AS1	-
ENSG00000143499	-0.473297	5.054387	0.478035	1 SMYD2	K11426
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ENSG00000197183	0.490027	3.961129	0.478272	1 C20orf112	-
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ENSG00000116260	0.466537	6.925817	0.478606	1 QSOX1	K10758
ENSG00000170035	-0.471508	5.55558	0.478633	1 UBE2E3	K06689
ENSG00000121753	0.477373	4.706706	0.47868	1 BAI2	K04597
ENSG00000185736	0.480413	4.531572	0.47869	1 ADARB2	K13194
ENSG00000001617	0.468317	6.412966	0.478881	1 SEMA3F	K06840
ENSG00000165275	-0.520948	2.64385	0.478927	1 TRMT10B	K12581
ENSG00000153395	0.464243	8.376095	0.47918	1 LPCAT1	K13510
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ENSG00000143178	-0.94699	-0.087628	0.479207	1 TBX19	K10184
ENSG00000159588	-0.94699	-0.087628	0.479207	1 CCDC17	-
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ENSG00000166947	-0.94699	-0.087628	0.479207	1 EPB42	-
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ENSG00000213089	-0.94699	-0.087628	0.479207	1 PDCL3P5	-

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ENSG00000251026	-0.94699	-0.087628	0.479207	1 RP11-138J23.1	-
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ENSG00000272909	-0.94699	-0.087628	0.479207	1 CTD-2555O16.4	-
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ENSG00000229873	0.856925	-0.197275	0.479207	1 OGFR-AS1	-
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ENSG00000252817	0.856925	-0.197275	0.479207	1 AL590431.1	-
ENSG00000254109	0.856925	-0.197275	0.479207	1 RBPMS-AS1	-
ENSG00000258748	0.856925	-0.197275	0.479207	1 CTD-2223O18.1	-
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ENSG00000261777	0.856925	-0.197275	0.479207	1 RP11-529K1.2	-
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ENSG00000108405	-0.854881	-0.144255	0.479207	1 P2RX1	K05215
ENSG00000135373	-0.854881	-0.144255	0.479207	1 EHF	K17102
ENSG00000166396	-0.854881	-0.144255	0.479207	1 SERPINB7	K13964
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ENSG00000178385	-0.854881	-0.144255	0.479207	1 PLEKHM3	-
ENSG00000230896	-0.854881	-0.144255	0.479207	1 RP11-767N6.7	-
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ENSG00000258900	-0.854881	-0.144255	0.479207	1 HNRNPCP1	K12884
ENSG00000265750	-0.854881	-0.144255	0.479207	1 RP11-799B12.4	-
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ENSG00000012660	0.464706	7.603285	0.479393	1 ELOVL5	K10244
ENSG00000155868	-0.487047	3.794057	0.479452	1 MED7	K15148
ENSG00000138758	-0.513613	2.834159	0.479456	1	11-Sep K16939
ENSG00000168917	0.512647	2.805498	0.479456	1 SLC35G2	K17985
ENSG00000127946	0.733283	0.463827	0.479616	1 HIP1	K04559
ENSG00000183091	0.733283	0.463827	0.479616	1 NEB	K18267
ENSG00000257702	0.733283	0.463827	0.479616	1 LBX2-AS1	-
ENSG00000270039	0.733283	0.463827	0.479616	1 RP11-571M6.17	-
ENSG00000273478	0.733283	0.463827	0.479616	1 RP11-465N4.5	-
ENSG00000196588	0.471544	5.441142	0.479753	1 MKL1	-
ENSG00000054598	-0.466438	6.022164	0.479788	1 FOXC1	K09396
ENSG00000172071	0.473789	4.945053	0.480123	1 EIF2AK3	K08860
ENSG00000221963	-0.467287	5.910913	0.480175	1 APOL6	K14480
ENSG00000163378	-0.502668	3.127804	0.480182	1 EOGT	K18134
ENSG00000237248	0.482543	4.156137	0.480244	1 LINC00987	-
ENSG00000189403	-0.463041	8.527115	0.480313	1 HMGB1	K10802
ENSG00000240682	-0.473651	4.546525	0.480318	1 ISY1	K12870
ENSG00000133059	0.470832	4.587522	0.480404	1 DSTYK	K16288
ENSG00000056972	0.468508	5.124581	0.480439	1 TRAF3IP2	-
ENSG00000198353	0.551246	1.423919	0.480463	1 HOXC4	K09304
ENSG00000169084	0.467075	5.861933	0.480525	1 DHRSX	K11170
ENSG00000176476	-0.495212	3.371597	0.480655	1 CCDC101	K11364
ENSG00000171497	-0.46688	5.812335	0.480662	1 PPID	K05864
ENSG00000111845	-0.464936	6.184405	0.480805	1 PAK1IP1	K14830
ENSG00000267519	0.469629	5.399061	0.480853	1 MIR24-2	-
ENSG00000168569	-0.481327	4.191554	0.480975	1 TMEM223	-
ENSG00000063046	0.461748	9.686585	0.480989	1 EIF4B	K03258
ENSG00000166557	0.463433	7.232683	0.481053	1 TMED3	K14825
ENSG00000242125	-0.464208	6.916551	0.481094	1 SNHG3	-
ENSG00000145743	-0.487976	3.682512	0.481116	1 FBXL17	K10283

ENSG00000170903	-0.487976	3.682512	0.481116	1 MSANTD4	-
ENSG00000093010	-0.464413	6.71594	0.481318	1 COMT	K00545
ENSG00000085840	0.466423	5.484978	0.481809	1 ORC1	K02603
ENSG00000156469	-0.467662	5.85	0.481815	1 MTERFD1	K15032
ENSG00000109534	-0.469602	5.361657	0.482022	1 GARI	K11128
ENSG00000121486	-0.472678	4.90608	0.482139	1 TRMT1L	-
ENSG00000129757	0.463425	6.594001	0.482185	1 CDKN1C	K09993
ENSG00000004864	-0.467193	5.864345	0.482259	1 SLC25A13	K15105
ENSG00000172115	-0.460658	8.54961	0.482553	1 CYCS	K08738
ENSG00000116786	0.463236	6.034773	0.482901	1 PLEKHM2	K15348
ENSG00000151743	0.51452	2.760869	0.482914	1 AMN1	-
ENSG00000128311	-0.466246	5.364845	0.482944	1 TST	K01011
ENSG00000101473	0.473072	4.580182	0.483008	1 ACOT8	K11992
ENSG00000148358	0.470868	4.390025	0.483622	1 GPR107	-
ENSG00000141543	0.459616	8.208788	0.48367	1 EIF4A3	K13025
ENSG00000103047	-0.474084	4.885501	0.483837	1 TANGO6	-
ENSG00000130508	0.464503	5.724894	0.483875	1 PXDN	K19511
ENSG00000157184	-0.470616	4.715978	0.483957	1 CPT2	K08766
ENSG00000260005	-0.615091	1.175447	0.483994	1 AC027601.1	-
ENSG00000247844	0.460079	7.296962	0.484137	1 CCAT1	-
ENSG00000158792	-0.488736	3.388317	0.484252	1 SPATA2L	K17595
ENSG00000037241	-0.465046	5.63082	0.48446	1 RPL26L1	K02898
ENSG00000140577	0.460151	6.837472	0.484793	1 CRTC3	K16334
ENSG00000198081	-0.487694	3.809766	0.484852	1 ZBTB14	-
ENSG00000233024	0.558829	1.577133	0.484925	1 NPIPA7	K04985
ENSG00000229638	0.473567	4.696591	0.484935	1 RPL4P4	K02930
ENSG00000111981	-0.512492	2.240632	0.48504	1 ULBP1	K07986
ENSG00000156239	-0.512492	2.240632	0.48504	1 N6AMT1	K02493
ENSG00000161082	-0.564398	1.966572	0.485092	1 CELF5	K13207
ENSG00000256433	-0.564398	1.966572	0.485092	1 RP1-102E24.8	-
ENSG00000120669	-0.467573	5.323911	0.48516	1 SOHLH2	-
ENSG00000179111	-0.466435	5.088219	0.485196	1 HES7	K09087
ENSG00000185947	0.477655	3.906668	0.485547	1 ZNF267	K09228
ENSG00000181381	-0.463251	5.518826	0.485697	1 DDX60L	K12581
ENSG00000181472	-0.469371	5.180424	0.485751	1 ZBTB2	K10489
ENSG00000012822	0.463742	5.174115	0.485751	1 CALCOCO1	-
ENSG00000247828	-0.4883	3.191276	0.485767	1 TMEM161B-AS1	-
ENSG00000101255	-0.459745	6.560503	0.486093	1 TRIB3	K19518
ENSG00000196756	-0.464407	5.39428	0.486255	1 SNHG17	-
ENSG00000164535	0.461242	5.791468	0.486342	1 DAGLB	K13806
ENSG00000128487	0.457157	7.779409	0.486361	1 SPECC1	-
ENSG00000043355	-0.463125	5.104842	0.486643	1 ZIC2	K06235
ENSG00000176273	-0.476124	3.787589	0.4867	1 SLC35G1	-
ENSG00000112414	-0.458727	6.409094	0.48677	1 GPR126	K08463
ENSG00000119906	-0.470197	4.050595	0.486849	1 FAM178A	-
ENSG00000175471	-0.472204	4.518141	0.486876	1 MCTP1	-
ENSG00000268516	0.507436	2.522654	0.486983	1 CTD-3138B18.5	-
ENSG00000196968	0.468328	4.3984	0.48718	1 FUT11	K11257
ENSG00000158373	0.483178	3.382862	0.487804	1 HIST1H2BD	K11252
ENSG00000071994	-0.457249	6.809064	0.487896	1 PDCD2	K14801
ENSG00000167280	-0.467915	4.815701	0.487928	1 ENGASE	K01227
ENSG00000164362	-0.544663	2.063805	0.48798	1 TERT	K11126
ENSG00000168661	-0.544663	2.063805	0.48798	1 ZNF30	K09228
ENSG00000134333	0.454082	10.78123	0.488078	1 LDHA	K00016
ENSG00000262477	-0.474433	3.640784	0.488093	1 AC021224.1	-
ENSG00000074356	-0.468651	4.730882	0.488238	1 C17orf85	-
ENSG00000162688	-0.458485	6.001151	0.48826	1 AGL	K01196
ENSG00000082212	-0.458479	5.944004	0.488476	1 ME2	K00027

ENSG00000100271	0.564977	1.715848	0.48859	1 TTLL1	K16599
ENSG00000090971	-0.544324	1.772737	0.48859	1 NAT14	-
ENSG00000151611	-0.544324	1.772737	0.48859	1 MMAA	K07588
ENSG00000182890	0.531938	1.730785	0.48859	1 GLUD2	K00261
ENSG00000156876	-0.458144	6.014076	0.488603	1 SASS6	K16487
ENSG00000162913	0.559998	1.305329	0.489124	1 C1orf145	K17531
ENSG00000166780	0.559998	1.305329	0.489124	1 C16orf45	-
ENSG00000144485	-0.489954	3.01812	0.489153	1 HES6	K09087
ENSG00000133466	0.455547	6.510633	0.489429	1 C1QTNF6	K19470
ENSG00000111875	-0.462352	5.054363	0.489449	1 ASF1A	K10753
ENSG00000126870	0.466404	4.829283	0.489638	1 WDR60	-
ENSG00000182796	-0.51431	2.864616	0.489778	1 TMEM198B	K17692
ENSG00000186666	-0.503831	2.858307	0.489778	1 BCDIN3D	-
ENSG00000130164	0.455784	6.315866	0.489905	1 LDLR	K12473
ENSG00000010704	-0.472721	4.013144	0.490082	1 HFE	K11253
ENSG00000056050	-0.46054	4.906042	0.490166	1 C4orf27	-
ENSG00000113368	-0.454383	6.9126	0.490415	1 LMNB1	K07611
ENSG00000185164	0.459501	5.494757	0.490515	1 NOMO2	-
ENSG00000198276	-0.460709	5.330447	0.490515	1 UCKL1	K00876
ENSG00000141127	-0.46005	5.436327	0.490563	1 PRPSAP2	K17299
ENSG00000082269	-0.479373	3.742531	0.490582	1 FAM135A	-
ENSG00000136824	-0.454492	6.722208	0.490705	1 SMC2	K06674
ENSG00000105514	0.474216	3.640565	0.491067	1 RAB3D	K07884
ENSG00000233762	0.464163	4.621869	0.49118	1 AC007969.5	K02958
ENSG00000183666	-0.505577	2.917613	0.491182	1 GUSBP1	K01195
ENSG00000162994	0.495039	2.897103	0.491182	1 CLHC1	-
ENSG00000115561	-0.461017	4.694119	0.491314	1 CHMP3	K12193
ENSG00000164265	0.509531	2.468223	0.491483	1 SCGB3A2	-
ENSG00000177192	-0.457224	5.980508	0.491571	1 PUS1	K06173
ENSG00000168826	-0.523467	1.883527	0.491653	1 ZBTB49	-
ENSG00000225697	0.457369	5.858136	0.491663	1 SLC26A6	K14704
ENSG00000125089	0.467121	4.52403	0.491764	1 SH3TC1	-
ENSG00000175130	-0.453025	6.731304	0.492083	1 MARCKSL1	K13536
ENSG00000156475	-0.489609	2.757693	0.492084	1 PPP2R2B	K04354
ENSG00000152219	-0.458617	4.953427	0.492401	1 ARL14EP	K17985
ENSG00000162174	0.486581	2.960666	0.492481	1 ASRGL1	K13051
ENSG00000157985	0.459985	5.046968	0.492527	1 AGAP1	K12491
ENSG00000122378	-0.479503	3.34136	0.492967	1 FAM213A	K11447
ENSG00000139160	-0.599226	1.521901	0.49314	1 METTL20	-
ENSG00000229186	-0.599226	1.521901	0.49314	1 ADAM1A	K08607
ENSG00000137601	-0.479685	3.626745	0.493249	1 NEK1	K08857
ENSG00000140396	-0.457781	4.732484	0.493492	1 NCOA2	K11255
ENSG00000112343	-0.461584	4.7505	0.493847	1 TRIM38	K12014
ENSG00000164933	-0.453177	6.171741	0.493851	1 SLC25A32	K15115
ENSG00000139618	-0.481474	3.383996	0.493898	1 BRCA2	K08775
ENSG00000105185	-0.451365	6.53763	0.494123	1 PDCD5	K06875
ENSG00000135127	0.470715	4.17825	0.494132	1 CCDC64	K16756
ENSG00000107105	-0.525284	1.998341	0.494252	1 ELAVL2	K13208
ENSG00000120526	-0.450416	6.753387	0.494528	1 NUDCD1	-
ENSG00000090554	0.790017	0.224692	0.494712	1 FLT3LG	K05454
ENSG00000170153	0.790017	0.224692	0.494712	1 RNF150	K15701
ENSG00000256817	0.790017	0.224692	0.494712	1 TPT1P12	-
ENSG00000115295	-0.760443	0.281025	0.494712	1 CLIP4	K10423
ENSG00000144460	-0.760443	0.281025	0.494712	1 NYAP2	K17985
ENSG00000150672	-0.760443	0.281025	0.494712	1 DLG2	K12075
ENSG00000212232	-0.760443	0.281025	0.494712	1 SNORD17	-
ENSG00000261159	-0.760443	0.281025	0.494712	1 RP11-723O4.9	-
ENSG00000143515	0.471089	3.553545	0.494757	1 ATP8B2	K01530

ENSG00000083828	0.480658	3.246202	0.494797	1 ZNF586	K09228
ENSG00000053702	0.620307	0.944861	0.494848	1 NRIP2	K13215
ENSG000000204524	0.620307	0.944861	0.494848	1 ZNF805	K09228
ENSG000000253958	0.620307	0.944861	0.494848	1 CLDN23	K06087
ENSG000000254639	0.620307	0.944861	0.494848	1 CTD-2589M5.5	-
ENSG000000248019	0.561815	0.971308	0.494848	1 FAM13A-AS1	-
ENSG000000163374	0.452189	5.962592	0.495137	1 YY1AP1	-
ENSG000000183520	-0.451922	6.055475	0.495367	1 UTP11L	K14769
ENSG000000068784	-0.468259	4.172141	0.495677	1 SRBD1	-
ENSG000000111424	-0.466519	3.982933	0.495858	1 VDR	K08539
ENSG000000136068	0.446889	8.041818	0.495948	1 FLNB	K04437
ENSG000000141337	-0.486521	2.934452	0.496003	1 ARSG	K12381
ENSG000000154447	0.457804	4.655414	0.496029	1 SH3RF1	K12171
ENSG000000225892	-0.593748	1.667949	0.496369	1 RP11-384K6.2	-
ENSG000000073670	0.572939	1.619473	0.496369	1 ADAM11	K16067
ENSG000000273329	0.572939	1.619473	0.496369	1 RP11-448A19.1	-
ENSG000000139278	-0.569157	1.652749	0.496369	1 GLIPR1	-
ENSG000000273066	-0.569157	1.652749	0.496369	1 RP11-216L13.19	-
ENSG000000243479	-0.526831	2.104607	0.496484	1 MNX1-AS1	-
ENSG000000157869	-0.460192	4.30205	0.496506	1 RAB28	K07915
ENSG000000180694	-0.450474	5.49282	0.496516	1 TMEM64	-
ENSG000000125870	-0.44926	6.14293	0.497159	1 SNRPB2	K11094
ENSG000000123607	-0.466364	4.061089	0.497452	1 TTC21B	K19673
ENSG000000038382	0.447222	6.649282	0.497496	1 TRIO	K08810
ENSG000000106351	0.450316	5.464225	0.497612	1 AGFG2	-
ENSG000000115548	0.447064	6.089975	0.497677	1 KDM3A	K15601
ENSG000000167513	0.446478	6.881693	0.497762	1 CDT1	K10727
ENSG000000178966	-0.455739	4.944918	0.49785	1 RMI1	K10990
ENSG000000131711	1.018542	-0.59288	0.497906	1 MAP1B	K10429
ENSG000000136383	1.018542	-0.59288	0.497906	1 ALPK3	K08868
ENSG000000138642	1.018542	-0.59288	0.497906	1 HERC6	K10614
ENSG000000162931	1.018542	-0.59288	0.497906	1 TRIM17	K12007
ENSG000000177173	1.018542	-0.59288	0.497906	1 NAP1L4P1	K11282
ENSG000000179168	1.018542	-0.59288	0.497906	1 GGN	-
ENSG000000200090	1.018542	-0.59288	0.497906	1 Y_RNA	-
ENSG000000214784	1.018542	-0.59288	0.497906	1 AC010468.1	K02984
ENSG000000225313	1.018542	-0.59288	0.497906	1 RP11-415J8.3	-
ENSG000000225745	1.018542	-0.59288	0.497906	1 PLAC4	-
ENSG000000225778	1.018542	-0.59288	0.497906	1 PROSER2-AS1	-
ENSG000000227953	1.018542	-0.59288	0.497906	1 RP11-439E19.3	-
ENSG000000233785	1.018542	-0.59288	0.497906	1 RP13-314C10.5	-
ENSG000000235001	1.018542	-0.59288	0.497906	1 EIF4A1P2	K03257
ENSG000000239127	1.018542	-0.59288	0.497906	1 SNORD125	-
ENSG000000242198	1.018542	-0.59288	0.497906	1 CTD-2235C13.1	K02976
ENSG000000245275	1.018542	-0.59288	0.497906	1 SAP30L-AS1	-
ENSG000000248787	1.018542	-0.59288	0.497906	1 RP11-666A20.4	-
ENSG000000251034	1.018542	-0.59288	0.497906	1 RP11-582J16.4	-
ENSG000000260190	1.018542	-0.59288	0.497906	1 RP11-229P13.25	-
ENSG000000263089	1.018542	-0.59288	0.497906	1 RP11-166P13.4	-
ENSG000000267082	1.018542	-0.59288	0.497906	1 CTC-510F12.2	-
ENSG000000267681	1.018542	-0.59288	0.497906	1 CTD-3199J23.6	K11299
ENSG000000268852	1.018542	-0.59288	0.497906	1 AC132872.2	K18047
ENSG000000270049	1.018542	-0.59288	0.497906	1 RP11-297D21.4	-
ENSG000000272430	1.018542	-0.59288	0.497906	1 RP11-38L15.8	-
ENSG000000210196	0.446621	6.730155	0.497909	1 MT-TP	-
ENSG000000141905	0.446704	6.647966	0.497996	1 NFIC	K09170
ENSG000000166012	-0.444911	7.963071	0.498047	1 TAF1D	-
ENSG000000134769	-0.491012	3.044959	0.498147	1 DTNA	-

ENSG00000178075	-0.491012	3.044959	0.498147	1 GRAMD1C	-
ENSG00000140367	-0.473708	3.73918	0.498205	1 UBE2Q2	K10582
ENSG00000080603	0.450498	5.538905	0.498251	1 SRCAP	K11661
ENSG00000184575	-0.444541	8.080741	0.498298	1 XPOT	K14288
ENSG00000013288	0.451771	4.711859	0.498451	1 MAN2B2	K12312
ENSG00000158006	-0.476309	3.274933	0.498608	1 PAFAH2	K01062
ENSG00000153179	-0.450798	5.109898	0.498823	1 RASSF3	K09852
ENSG00000168002	-0.449921	5.82862	0.498857	1 POLR2G	K03015
ENSG00000125257	0.445961	6.506258	0.498888	1 ABCC4	K05673
ENSG00000266967	-0.484089	3.091846	0.499108	1 AARSD1	K07050
ENSG00000243660	0.479535	2.561197	0.499285	1 ZNF487	K05610
ENSG00000197536	-0.577259	1.24982	0.499294	1 C5orf56	-
ENSG00000260766	-0.577259	1.24982	0.499294	1 RP11-226L15.5	-
ENSG00000264058	-0.577259	1.24982	0.499294	1 KRT222	K11651
ENSG00000223820	0.570479	1.176213	0.499294	1 CFL1P1	-
ENSG00000224877	-0.447123	6.156497	0.499375	1 C17orf89	-
ENSG00000169991	0.474472	3.296326	0.499418	1 IFFO2	-
ENSG00000079257	0.447279	5.7779	0.499867	1 LXN	-
ENSG00000143772	-0.529324	2.296025	0.500122	1 ITPKB	K00911
ENSG00000241935	-0.513586	2.286465	0.500122	1 HOGA1	K18123
ENSG00000130600	0.443094	7.336032	0.500329	1 H19	-
ENSG00000143252	-0.44512	6.445244	0.500502	1 SDHC	K00236
ENSG00000248175	0.486646	2.633358	0.500545	1 CTC-428G20.3	-
ENSG00000189362	-0.485396	2.656777	0.500545	1 TMEM194B	-
ENSG00000100344	-0.477874	2.95701	0.500741	1 PNPLA3	K13534
ENSG00000175482	-0.477874	2.95701	0.500741	1 POLD4	K03505
ENSG00000198088	-0.477874	2.95701	0.500741	1 NUP62CL	K14306
ENSG00000198919	-0.463268	3.748848	0.500954	1 DZIP3	K10642
ENSG00000163900	-0.452049	5.335869	0.500959	1 TMEM41A	K12581
ENSG00000158467	0.453696	4.447649	0.50098	1 AHCYL2	K01251
ENSG00000105974	-0.441801	7.894113	0.501113	1 CAV1	K06278
ENSG00000168014	0.451661	4.639667	0.501272	1 C2CD3	K16751
ENSG00000186260	0.464961	3.762187	0.501492	1 MKL2	-
ENSG00000168614	-0.515572	2.373947	0.501624	1 NBPF9	-
ENSG00000162585	-0.448515	4.834164	0.501752	1 C1orf86	K18952
ENSG00000196526	0.442253	6.896507	0.501807	1 AFAP1	K18616
ENSG00000120800	-0.446805	5.389059	0.501843	1 UTP20	K14772
ENSG00000132600	0.442567	6.705508	0.501863	1 PRMT7	K11438
ENSG00000167202	0.456108	4.41093	0.502014	1 TBC1D2B	-
ENSG00000132963	-0.442242	6.859366	0.502164	1 POMP	K11599
ENSG00000065526	0.444032	5.561412	0.502363	1 SPEN	-
ENSG00000181444	0.464138	3.26948	0.502368	1 ZNF467	K09228
ENSG00000139826	-0.448856	4.947737	0.502412	1 ABHD13	K06889
ENSG00000160007	0.44361	6.410827	0.502413	1 ARHGAP35	K05732
ENSG00000100916	-0.473788	3.060419	0.502538	1 BRMS1L	K19196
ENSG00000231419	0.472175	3.043147	0.502538	1 LINC00689	-
ENSG00000178209	0.44639	5.786682	0.502556	1 PLEC	K10388
ENSG00000125731	-0.451801	4.806285	0.502561	1 SH2D3A	-
ENSG00000002746	-0.543775	1.40665	0.502646	1 HECW1	K12167
ENSG00000229953	-0.543775	1.40665	0.502646	1 RP11-284F21.7	-
ENSG00000123213	-0.444219	6.054174	0.502727	1 NLN	K01393
ENSG00000145414	-0.458608	4.004838	0.502809	1 NAF1	K14763
ENSG00000151665	-0.458608	4.004838	0.502809	1 PIGF	K05287
ENSG00000137135	-0.453831	4.479304	0.502966	1 ARHGEF39	K09228
ENSG00000197959	-0.710288	0.607863	0.503	1 DNM3	K01528
ENSG00000246465	-0.710288	0.607863	0.503	1 RP11-57A19.2	-
ENSG00000169955	-0.464409	3.332404	0.503063	1 ZNF747	K09228
ENSG00000131746	0.441812	6.260727	0.503064	1 TNS4	K18080

ENSG00000139726	-0.441761	6.617836	0.503154	1 DENR	K17985
ENSG00000090989	-0.451892	4.921987	0.503171	1 EXOC1	-
ENSG00000170584	-0.4462	5.792757	0.503225	1 NUDCD2	-
ENSG00000166979	0.443301	5.869435	0.503228	1 EVA1C	-
ENSG00000181830	0.440905	6.790926	0.503302	1 SLC35C1	K15279
ENSG00000214510	0.477578	3.095285	0.503343	1 SPINK13	-
ENSG00000154889	0.466793	3.542353	0.503419	1 MPPE1	K12581
ENSG00000124802	-0.442636	6.136116	0.503475	1 EEF1E1	K15439
ENSG00000115540	-0.449524	5.090756	0.503579	1 MOB4	-
ENSG00000186318	0.465138	3.739349	0.503676	1 BACE1	K04521
ENSG00000132879	0.449863	4.730193	0.504031	1 FBXO44	K10103
ENSG00000100284	0.446399	5.120838	0.504148	1 TOM1	-
ENSG00000033327	0.461096	3.775127	0.504154	1 GAB2	K08091
ENSG00000155254	-0.440942	6.52251	0.504177	1 MARVELD1	-
ENSG00000143157	-0.441615	6.150361	0.504185	1 POGK	-
ENSG00000095951	-0.450879	4.752081	0.504272	1 HIVEP1	K12581
ENSG00000015171	-0.444182	5.326076	0.504291	1 ZMYND11	-
ENSG00000196470	-0.462215	3.633564	0.504498	1 SIAH1	K04506
ENSG00000187097	-0.485281	2.905441	0.504583	1 ENTPD5	K01511
ENSG00000004777	0.526609	2.090086	0.504734	1 ARHGAP33	K17933
ENSG00000101361	-0.438316	7.638342	0.50476	1 NOP56	K14564
ENSG00000167721	-0.438988	7.125402	0.504825	1 TSR1	K14799
ENSG00000129055	-0.440531	6.09253	0.504863	1 ANAPC13	K12456
ENSG00000136643	-0.445175	5.177971	0.504864	1 RPS6KC1	-
ENSG00000127948	0.453706	4.516451	0.50516	1 POR	K00327
ENSG00000137710	0.4384	7.119871	0.505171	1 RDX	K05762
ENSG00000003987	0.582131	1.516241	0.505261	1 MTMR7	K18083
ENSG00000046653	0.543829	1.533565	0.505261	1 GPM6B	-
ENSG00000152492	-0.440529	6.461739	0.505577	1 CCDC50	-
ENSG00000113070	0.457467	3.719592	0.505934	1 HBEGF	K08523
ENSG00000132952	-0.451973	4.231482	0.506102	1 USPL1	-
ENSG00000174977	-0.445926	4.973037	0.506171	1 AC026271.5	K14322
ENSG00000072954	0.477786	2.66161	0.506213	1 TMEM38A	K14209
ENSG00000100479	-0.456811	4.117587	0.506515	1 POLE2	K02325
ENSG00000183255	0.43555	8.631091	0.50653	1 PTTG1IP	-
ENSG00000125863	-0.440825	6.111011	0.50665	1 MKKS	K09492
ENSG00000115355	-0.440841	5.877843	0.506897	1 CCDC88A	-
ENSG00000158286	-0.462394	3.824984	0.507191	1 RNF207	-
ENSG00000126768	-0.544236	1.706658	0.507356	1 TIMM17B	K15696
ENSG00000154957	-0.499208	2.321553	0.507365	1 ZNF18	K09229
ENSG00000182324	-0.499208	2.321553	0.507365	1 KCNJ14	K05007
ENSG00000135045	-0.444027	5.446396	0.50761	1 C9orf40	-
ENSG00000131650	-0.443886	4.910365	0.50764	1 KREMEN2	-
ENSG00000181222	0.436234	6.861009	0.5077	1 POLR2A	K03006
ENSG00000175084	0.45833	3.408346	0.507729	1 DES	K07610
ENSG00000091947	0.438799	5.579902	0.507783	1 TMEM101	-
ENSG00000086189	-0.438919	5.90147	0.507798	1 DIMT1	K14191
ENSG00000134480	-0.437838	6.084818	0.507857	1 CCNH	K06634
ENSG00000173890	-0.679167	0.873416	0.508053	1 GPR160	-
ENSG00000180881	-0.679167	0.873416	0.508053	1 CAPS2	-
ENSG00000186523	-0.679167	0.873416	0.508053	1 FAM86B1	K03842
ENSG00000261884	-0.679167	0.873416	0.508053	1 CTC-479C5.12	K09632
ENSG00000160318	-0.635001	0.845902	0.508053	1 CLDND2	-
ENSG00000175591	-0.635001	0.845902	0.508053	1 P2RY2	K04269
ENSG00000257718	-0.635001	0.845902	0.508053	1 RP11-396F22.1	-
ENSG00000105550	0.575816	0.807127	0.508053	1 FGF21	K04358
ENSG00000122367	0.575816	0.807127	0.508053	1 LDB3	K12581
ENSG00000141655	0.575816	0.807127	0.508053	1 TNFRSF11A	K05147

ENSG00000214982	0.575816	0.807127	0.508053	1 PARGP1	K07759
ENSG00000272669	0.575816	0.807127	0.508053	1 RP3-508I15.21	-
ENSG00000206262	0.493548	2.362127	0.50845	1 C3orf72	K11447
ENSG00000270949	0.493548	2.362127	0.50845	1 RP11-288H12.4	-
ENSG00000072840	-0.487379	2.398186	0.50845	1 EVC	K19605
ENSG00000136243	-0.438448	5.86213	0.508506	1 NUPL2	K14321
ENSG00000030110	-0.44154	5.524545	0.508558	1 BAK1	K14021
ENSG00000112039	0.443128	5.077257	0.508645	1 FANCE	K10892
ENSG00000170390	0.464615	3.204308	0.508696	1 DCLK2	K08805
ENSG00000197275	-0.444949	4.445489	0.508811	1 RAD54B	K10877
ENSG00000197258	0.439106	5.503502	0.509138	1 EIF4BP6	K03258
ENSG00000197933	0.480987	2.903351	0.509345	1 ZNF823	K09228
ENSG00000119673	-0.442513	4.957614	0.509348	1 ACOT2	K01068
ENSG00000160752	-0.432915	8.314185	0.509385	1 FDPS	K00787
ENSG00000187123	-0.456047	3.806241	0.5094	1 LYPD6	-
ENSG00000118496	-0.445681	4.502619	0.509485	1 FBXO30	K10307
ENSG00000175548	-0.458976	3.579571	0.509547	1 ALG10B	K03850
ENSG00000130147	0.439578	5.550201	0.50967	1 SH3BP4	-
ENSG00000186866	0.441786	5.266084	0.509828	1 POFUT2	K03691
ENSG00000160336	-0.461163	3.615791	0.509947	1 ZNF761	-
ENSG00000132819	-0.445782	4.677039	0.509971	1 RBM38	-
ENSG00000185730	-0.459831	3.867582	0.510076	1 ZNF696	-
ENSG00000122870	-0.449574	4.559446	0.510109	1 BICC1	K18756
ENSG00000111696	-0.457172	3.64754	0.510327	1 NT5DC3	-
ENSG00000151304	-0.451601	4.102322	0.510436	1 SRFBP1	K12581
ENSG00000107371	-0.436321	5.817039	0.51047	1 EXOSC3	K03681
ENSG00000168899	0.522825	1.904401	0.510498	1 VAMP5	K08514
ENSG00000135315	-0.468002	3.396295	0.510657	1 KIAA1009	K16809
ENSG00000124356	-0.438751	5.611269	0.511015	1 STAMBP	K11866
ENSG00000145781	-0.463178	3.43319	0.51108	1 COMMD10	-
ENSG00000100522	-0.432498	6.494657	0.511118	1 GNPAT1	K00621
ENSG00000176225	-0.441096	4.527484	0.511283	1 RTTN	K16484
ENSG00000267060	-0.657968	1.097115	0.511408	1 PTGES3L	K07050
ENSG00000137941	0.583261	1.034525	0.511408	1 TTLL7	K16583
ENSG00000176884	0.583261	1.034525	0.511408	1 GRIN1	K05208
ENSG00000109099	0.431068	7.609656	0.511684	1 PMP22	K19289
ENSG00000167799	-0.498726	2.698336	0.511765	1 NUDT8	K18665
ENSG00000126088	-0.43209	6.941107	0.511856	1 UROD	K01599
ENSG00000150756	-0.444452	4.060872	0.512062	1 FAM173B	-
ENSG00000152782	-0.447101	4.272801	0.512112	1 PANK1	K09680
ENSG00000174282	0.432475	6.16902	0.512338	1 ZBTB4	K10491
ENSG00000141738	0.442248	4.487436	0.512511	1 GRB7	-
ENSG00000168228	-0.447437	3.590347	0.51256	1 ZCCHC4	K17985
ENSG00000154822	-0.449748	4.137563	0.512768	1 PLCL2	K15370
ENSG00000124523	-0.445425	4.135033	0.512768	1 SIRT5	K11415
ENSG00000223496	-0.447263	3.903	0.512822	1 EXOSC6	K12587
ENSG00000164654	-0.439005	4.737337	0.51325	1 MIOS	K09228
ENSG00000100889	-0.431886	6.381092	0.513312	1 PCK2	K01596
ENSG00000170537	0.453436	3.30565	0.513345	1 TMC7	-
ENSG00000176422	-0.450417	4.207969	0.513406	1 SPRYD4	K12581
ENSG00000115204	0.434788	4.89584	0.513426	1 MPV17	K13348
ENSG00000105497	0.48179	2.861707	0.51353	1 ZNF175	K09228
ENSG00000182459	0.467459	2.868117	0.51353	1 TEX19	-
ENSG00000258297	0.458516	3.349271	0.513713	1 RP11-658F2.8	-
ENSG00000180747	0.54166	1.25285	0.513776	1 CTD-2547E10.2	K13780
ENSG00000136295	0.431418	6.439426	0.513833	1 TTYH3	-
ENSG00000134440	-0.428622	7.914462	0.513916	1 NARS	K01893
ENSG00000213741	0.429494	7.002044	0.514031	1 RPS29	K02980

ENSG00000188483	-0.432529	5.942626	0.514057	1 IER5L	-
ENSG00000162639	-0.436054	5.240661	0.514166	1 HENMT1	K11847
ENSG00000120533	-0.42956	6.768398	0.514672	1 ENY2	K11368
ENSG00000128536	-0.717439	0.034409	0.514813	1 CDHR3	K16503
ENSG00000134864	-0.717439	0.034409	0.514813	1 GGACT	K19761
ENSG00000188316	-0.717439	0.034409	0.514813	1 ENO4	-
ENSG00000231611	-0.717439	0.034409	0.514813	1 AP006216.11	-
ENSG00000235734	-0.717439	0.034409	0.514813	1 HMGN1P36	K11299
ENSG00000236015	-0.717439	0.034409	0.514813	1 AC011290.5	-
ENSG00000236432	-0.717439	0.034409	0.514813	1 AC097662.2	-
ENSG00000241170	-0.717439	0.034409	0.514813	1 RP11-147I3.1	K02910
ENSG00000259319	-0.717439	0.034409	0.514813	1 RP11-293M10.6	-
ENSG00000263350	-0.717439	0.034409	0.514813	1 RP11-13N13.2	-
ENSG00000176014	0.427615	7.845521	0.514833	1 TUBB6	K07375
ENSG00000138442	-0.433709	5.731481	0.514865	1 WDR12	K14863
ENSG00000128709	0.466028	3.027242	0.514904	1 HOXD9	K09294
ENSG00000123080	0.432644	5.447207	0.514941	1 CDKN2C	K06622
ENSG00000151287	-0.439554	4.949129	0.514968	1 TEX30	-
ENSG00000067955	-0.433721	5.564867	0.515005	1 CBF3	-
ENSG00000227097	0.426889	8.5229	0.515054	1 RP11-742N3.1	K02979
ENSG00000104805	0.42719	7.939628	0.515166	1 NUCB1	-
ENSG00000205664	-0.464291	3.564921	0.515273	1 RP11-706O15.1	K19584
ENSG00000257103	0.459449	3.085404	0.515297	1 LSM14A	K18749
ENSG00000196372	-0.434223	5.511171	0.515373	1 ASB13	K10335
ENSG00000120802	-0.426801	8.240735	0.515422	1 TMPO	-
ENSG00000169241	0.428517	6.687663	0.515558	1 SLC50A1	K15382
ENSG00000078804	0.490465	2.476781	0.515719	1 TP53INP2	K15310
ENSG00000138650	0.490465	2.476781	0.515719	1 PCDH10	K16499
ENSG00000188825	0.490465	2.476781	0.515719	1 LINC00910	-
ENSG00000134709	-0.478694	2.510107	0.515719	1 HOOK1	K16612
ENSG00000180228	-0.440034	4.714179	0.515735	1 PRKRA	-
ENSG00000057019	-0.434937	5.200749	0.515762	1 DCBLD2	-
ENSG00000116641	-0.429455	6.212503	0.516069	1 DOCK7	-
ENSG00000157181	-0.435186	4.953362	0.516141	1 C1orf27	-
ENSG00000272335	0.441361	4.067625	0.516372	1 RP11-53O19.3	-
ENSG00000237499	0.436711	4.404854	0.516698	1 RP11-356I2.4	-
ENSG00000141376	0.458615	3.318803	0.516906	1 BCAS3	-
ENSG00000225828	0.448285	3.323397	0.516906	1 FAM229A	-
ENSG00000143942	-0.438719	4.451465	0.516951	1 CHAC2	-
ENSG00000048392	-0.431342	5.390096	0.516996	1 RRM2B	K10808
ENSG00000137414	0.431618	5.53037	0.517079	1 FAM8A1	-
ENSG00000185022	-0.434888	4.719151	0.517112	1 MAFF	K09037
ENSG00000168283	-0.428313	6.234181	0.517155	1 BMI1	K11459
ENSG00000116209	0.425269	7.553892	0.517429	1 TMEM59	-
ENSG00000050820	0.429593	5.987006	0.517786	1 BCAR1	K05726
ENSG00000112249	-0.432411	5.528345	0.517808	1 ASCC3	K18663
ENSG00000112499	0.517798	1.691597	0.517909	1 SLC22A2	K08199
ENSG00000162946	0.517798	1.691597	0.517909	1 DISC1	K16534
ENSG00000165507	0.517798	1.691597	0.517909	1 C10orf10	-
ENSG00000206535	-0.497907	1.74443	0.517909	1 LNP1	-
ENSG00000271781	-0.497907	1.74443	0.517909	1 CTD-2589H19.6	-
ENSG00000229950	0.484759	1.706785	0.517909	1 TFAP2A-AS1	-
ENSG00000129355	0.467871	2.825443	0.517975	1 CDKN2D	K06623
ENSG00000107863	0.425331	7.072279	0.518001	1 ARHGAP21	-
ENSG00000146232	-0.435551	4.65457	0.518127	1 NFKBIE	K05872
ENSG00000107537	-0.442555	4.034372	0.518226	1 PHYH	K00477
ENSG00000101544	-0.433289	4.958997	0.518471	1 ADNP2	-
ENSG00000104142	0.428305	5.650705	0.518485	1 VPS18	-

ENSG0000052723	-0.430084	5.374352	0.518616	1 SIKE1	K12656
ENSG00000230438	-0.502147	1.870557	0.518754	1 RP11-420G6.4	-
ENSG00000273014	0.496832	1.834	0.518754	1 RP11-225B17.2	-
ENSG00000198420	-0.435608	4.496753	0.518791	1 FAM115A	-
ENSG00000105364	-0.425338	6.675124	0.519012	1 MRPL4	K02926
ENSG00000075142	-0.424445	7.080575	0.519094	1 SRI	-
ENSG00000118369	0.445829	3.736324	0.519161	1 USP35	K11854
ENSG00000105246	-0.5057	1.98643	0.519446	1 EBI3	-
ENSG00000171865	-0.433968	4.297403	0.519528	1 RNASEH1	K03469
ENSG00000269893	-0.435863	4.695696	0.519704	1 SNHG8	-
ENSG00000162104	0.427002	5.792221	0.519821	1 ADCY9	K08049
ENSG00000110013	-0.436781	4.743878	0.519913	1 SIAE	K05970
ENSG00000196961	0.424319	6.549051	0.51997	1 AP2A1	K11824
ENSG00000203780	-0.490383	2.082492	0.520023	1 FANK1	-
ENSG00000110046	0.431381	4.783886	0.52011	1 ATG2A	K17906
ENSG00000147065	0.421392	9.11853	0.520189	1 MSN	-
ENSG00000100354	0.43497	4.455801	0.520229	1 TNRC6B	K17985
ENSG00000159733	0.458718	3.28768	0.520245	1 ZFYVE28	-
ENSG00000145901	-0.423592	6.873693	0.520311	1 TNIP1	-
ENSG00000148925	-0.432794	5.147401	0.520377	1 BTBD10	K10482
ENSG00000168461	0.421417	7.996626	0.5208	1 RAB31	K07891
ENSG00000140836	0.429682	5.25923	0.520812	1 ZFHX3	-
ENSG00000164902	-0.425265	5.897091	0.520829	1 PHAX	K14291
ENSG00000108448	-0.43528	4.164544	0.520883	1 TRIM16L	K09228
ENSG00000102547	-0.497674	2.276833	0.520927	1 CAB39L	K08272
ENSG00000136104	-0.42929	5.566716	0.521026	1 RNASEH2B	K10744
ENSG00000175198	-0.438929	4.212603	0.521049	1 PCCA	K01965
ENSG00000106245	-0.423387	6.528269	0.521277	1 BUD31	K12873
ENSG00000108272	-0.671074	0.416098	0.521385	1 DHRS11	K11447
ENSG00000169621	-0.671074	0.416098	0.521385	1 APLF	K13295
ENSG00000258643	-0.671074	0.416098	0.521385	1 BCL2L2-PABPN1	K14396
ENSG00000269910	-0.671074	0.416098	0.521385	1 RP11-73M18.10	-
ENSG00000272931	-0.671074	0.416098	0.521385	1 RP5-943J3.2	-
ENSG00000147697	0.586024	0.313034	0.521385	1 GSDMC	-
ENSG00000177076	0.586024	0.313034	0.521385	1 ACER2	K01441
ENSG00000228812	0.586024	0.313034	0.521385	1 RP11-157P1.5	-
ENSG00000235316	0.586024	0.313034	0.521385	1 DUSP8P5	K04459
ENSG00000258130	0.586024	0.313034	0.521385	1 RP11-347C12.3	K11364
ENSG00000111897	0.42263	6.644371	0.521427	1 SERINC1	K10408
ENSG00000089351	0.422638	6.6209	0.52147	1 GRAMD1A	-
ENSG00000074047	-0.446185	3.657831	0.521509	1 GLI2	K16798
ENSG00000180257	-0.503277	2.447888	0.5216	1 ZNF816	K09228
ENSG00000269113	0.47236	2.429448	0.5216	1 TRABD2B	-
ENSG00000106415	0.426688	5.775472	0.521697	1 GLCCI1	K03014
ENSG00000058335	-1.689238	-1.077996	0.521739	1 RASGRF1	K04349
ENSG00000084110	-1.689238	-1.077996	0.521739	1 HAL	K01745
ENSG00000101222	-1.689238	-1.077996	0.521739	1 SPEF1	-
ENSG00000102359	-1.689238	-1.077996	0.521739	1 SRPX2	K19408
ENSG00000104804	-1.689238	-1.077996	0.521739	1 TULP2	-
ENSG00000121005	-1.689238	-1.077996	0.521739	1 CRISPLD1	-
ENSG00000123700	-1.689238	-1.077996	0.521739	1 KCNJ2	K04996
ENSG00000129951	-1.689238	-1.077996	0.521739	1 LPPR3	K19582
ENSG00000132915	-1.689238	-1.077996	0.521739	1 PDE6A	K08718
ENSG00000137259	-1.689238	-1.077996	0.521739	1 HIST1H2AB	K11251
ENSG00000143494	-1.689238	-1.077996	0.521739	1 VASH2	-
ENSG00000145536	-1.689238	-1.077996	0.521739	1 ADAMTS16	K08630
ENSG00000146221	-1.689238	-1.077996	0.521739	1 TCTE1	-
ENSG00000150526	-1.689238	-1.077996	0.521739	1 MIA2	-

ENSG00000154608	-1.689238	-1.077996	0.521739	1 CEP170P1	K16463
ENSG00000161040	-1.689238	-1.077996	0.521739	1 FBXL13	K10279
ENSG00000163568	-1.689238	-1.077996	0.521739	1 AIM2	K12966
ENSG00000167483	-1.689238	-1.077996	0.521739	1 FAM129C	-
ENSG00000182853	-1.689238	-1.077996	0.521739	1 VMO1	-
ENSG00000188396	-1.689238	-1.077996	0.521739	1 TCTEX1D4	-
ENSG00000196176	-1.689238	-1.077996	0.521739	1 HIST1H4A	K11254
ENSG00000196275	-1.689238	-1.077996	0.521739	1 GTF2IRD2	K12581
ENSG00000203872	-1.689238	-1.077996	0.521739	1 C6orf163	-
ENSG00000203942	-1.689238	-1.077996	0.521739	1 C10orf62	-
ENSG00000214978	-1.689238	-1.077996	0.521739	1 RP11-477N12.3	K11167
ENSG00000218690	-1.689238	-1.077996	0.521739	1 HIST1H2APS4	K11251
ENSG00000226266	-1.689238	-1.077996	0.521739	1 AC009961.3	-
ENSG00000227252	-1.689238	-1.077996	0.521739	1 AC105760.2	-
ENSG00000227450	-1.689238	-1.077996	0.521739	1 CTB-58E17.5	-
ENSG00000228196	-1.689238	-1.077996	0.521739	1 PTPN2P1	K18026
ENSG00000228218	-1.689238	-1.077996	0.521739	1 ATF4P3	K04374
ENSG00000228802	-1.689238	-1.077996	0.521739	1 AC073641.2	-
ENSG00000231672	-1.689238	-1.077996	0.521739	1 DIRC3	-
ENSG00000233250	-1.689238	-1.077996	0.521739	1 RP3-339A18.6	-
ENSG00000234382	-1.689238	-1.077996	0.521739	1 RP11-40F6.1	K01896
ENSG00000234911	-1.689238	-1.077996	0.521739	1 TEX21P	-
ENSG00000239884	-1.689238	-1.077996	0.521739	1 RN7SL608P	-
ENSG00000242391	-1.689238	-1.077996	0.521739	1 RP4-631H13.2	-
ENSG00000242866	-1.689238	-1.077996	0.521739	1 STRC	-
ENSG00000244441	-1.689238	-1.077996	0.521739	1 RP11-359H3.1	K02915
ENSG00000244607	-1.689238	-1.077996	0.521739	1 CCDC13	-
ENSG00000246731	-1.689238	-1.077996	0.521739	1 CTD-2514K5.2	-
ENSG00000248256	-1.689238	-1.077996	0.521739	1 OCIAD1-AS1	-
ENSG00000251365	-1.689238	-1.077996	0.521739	1 RP11-332J15.3	-
ENSG00000251563	-1.689238	-1.077996	0.521739	1 AF121898.1	K01870
ENSG00000259775	-1.689238	-1.077996	0.521739	1 RP11-45P15.4	-
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ENSG00000267577	-1.689238	-1.077996	0.521739	1 CTD-2587H24.5	-
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ENSG00000272954	-1.689238	-1.077996	0.521739	1 KB-1440D3.13	-
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ENSG00000014914	1.404449	-1.13734	0.521739	1 MTMR11	K18085
ENSG00000099769	1.404449	-1.13734	0.521739	1 IGFALS	K17256
ENSG00000108654	1.404449	-1.13734	0.521739	1 DDX5	K12823
ENSG00000129244	1.404449	-1.13734	0.521739	1 ATP1B2	K01540
ENSG00000131779	1.404449	-1.13734	0.521739	1 PEX11B	K13352
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ENSG00000140993	1.404449	-1.13734	0.521739	1 TIGD7	-
ENSG00000144785	1.404449	-1.13734	0.521739	1 RP11-977G19.10	K01647
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ENSG00000168481	1.404449	-1.13734	0.521739	1 LGI3	-
ENSG00000171766	1.404449	-1.13734	0.521739	1 GATM	K00613
ENSG00000176515	1.404449	-1.13734	0.521739	1 AL033381.1	-
ENSG00000203827	1.404449	-1.13734	0.521739	1 NBPF16	-
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ENSG00000205853	1.404449	-1.13734	0.521739	1 RFPL3S	-
ENSG00000206228	1.404449	-1.13734	0.521739	1 HNRNPA1P4	K12741
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ENSG00000225544	1.404449	-1.13734	0.521739	1 KB-1027C11.4	-
ENSG00000227373	1.404449	-1.13734	0.521739	1 RP11-160H22.5	-
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ENSG00000232901	1.404449	-1.13734	0.521739	1 CYCSP10	K08738
ENSG00000233622	1.404449	-1.13734	0.521739	1 CYP2T2P	K07421
ENSG00000234917	1.404449	-1.13734	0.521739	1 RP5-994D16.3	-
ENSG00000235837	1.404449	-1.13734	0.521739	1 AC073333.8	-
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ENSG00000267649	1.404449	-1.13734	0.521739	1 CTD-2587H24.10	-
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ENSG00000273437	1.404449	-1.13734	0.521739	1 RP11-434H6.7	-
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ENSG00000163946	-0.422043	6.205421	0.522296	1 FAM208A	-
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ENSG00000149679	-0.459234	2.801587	0.522706	1 CABLES2	-
ENSG00000184220	-0.42309	6.194701	0.522759	1 CMSS1	-
ENSG00000170786	-0.420529	7.138589	0.522855	1 SDR16C5	K15734
ENSG00000168143	0.446337	2.898402	0.523009	1 FAM83B	-
ENSG00000255135	0.446337	2.898402	0.523009	1 RP11-111M22.3	-
ENSG00000136802	0.426755	5.4462	0.523062	1 LRRC8A	-
ENSG00000205189	0.421755	6.134384	0.523135	1 ZBTB10	K10497
ENSG00000170577	-0.431017	5.016925	0.523152	1 SIX2	K19472
ENSG00000109466	-0.433752	4.514091	0.523533	1 KLHL2	K10443
ENSG00000138050	-0.430418	4.512154	0.523533	1 THUMPD2	-
ENSG00000232119	-0.420507	6.369526	0.523553	1 MCTS1	K07575
ENSG00000183020	0.422845	5.813467	0.523708	1 AP2A2	K11824
ENSG00000008438	-4.235765	-1.844995	0.52381	1 PGLYRP1	K01446
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ENSG00000227973	-4.235765	-1.844995	0.52381	1 PIN4P1	K09579
ENSG00000228208	-4.235765	-1.844995	0.52381	1 C1orf143	-
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ENSG00000228707	-4.235765	-1.844995	0.52381	1 RP11-787B4.2	-
ENSG00000228818	-4.235765	-1.844995	0.52381	1 RP11-567G24.1	K03028
ENSG00000229105	-4.235765	-1.844995	0.52381	1 RP11-264C15.2	-
ENSG00000229526	-4.235765	-1.844995	0.52381	1 KRT16P4	K07604
ENSG00000229800	-4.235765	-1.844995	0.52381	1 ATP8A2P2	K14802
ENSG00000229841	-4.235765	-1.844995	0.52381	1 RP11-361K17.2	-
ENSG00000229955	-4.235765	-1.844995	0.52381	1 RP1-5O6.4	-
ENSG00000230533	-4.235765	-1.844995	0.52381	1 RP11-95M15.1	-
ENSG00000230604	-4.235765	-1.844995	0.52381	1 TSEN15P2	K15324
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ENSG00000231028	-4.235765	-1.844995	0.52381	1 LINC00271	-
ENSG00000231298	-4.235765	-1.844995	0.52381	1 LINC00704	-
ENSG00000231369	-4.235765	-1.844995	0.52381	1 RP1-40G4P.1	K02877
ENSG00000231724	-4.235765	-1.844995	0.52381	1 RP11-573D15.3	-
ENSG00000232194	-4.235765	-1.844995	0.52381	1 RP1-313L4.3	-
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ENSG00000232684	-4.235765	-1.844995	0.52381	1 ATP11A-AS1	-
ENSG00000232862	-4.235765	-1.844995	0.52381	1 RP4-665N4.4	K19478
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ENSG00000233108	-4.235765	-1.844995	0.52381	1 AC006042.7	-
ENSG00000233776	-4.235765	-1.844995	0.52381	1 RP11-384P7.6	-
ENSG00000233783	-4.235765	-1.844995	0.52381	1 AP001442.2	-
ENSG00000233998	-4.235765	-1.844995	0.52381	1 SETP5	K11290
ENSG00000234141	-4.235765	-1.844995	0.52381	1 AC009473.1	-
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ENSG00000235029	-4.235765	-1.844995	0.52381	1 MNX1-AS2	-
ENSG00000235354	-4.235765	-1.844995	0.52381	1 CTA-276O3.4	K02980
ENSG00000235652	-4.235765	-1.844995	0.52381	1 RP11-545I5.3	-
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ENSG00000236013	-4.235765	-1.844995	0.52381	1 RP3-332B22.1	-
ENSG00000236417	-4.235765	-1.844995	0.52381	1 CTSLP1	K01365
ENSG00000236824	-4.235765	-1.844995	0.52381	1 BCYRN1	-
ENSG00000236866	-4.235765	-1.844995	0.52381	1 AL157902.3	-
ENSG00000237232	-4.235765	-1.844995	0.52381	1 ZNF295-AS1	-
ENSG00000237721	-4.235765	-1.844995	0.52381	1 AF064858.11	-
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ENSG00000237848	-4.235765	-1.844995	0.52381	1 RP11-739N20.3	K11098
ENSG00000237877	-4.235765	-1.844995	0.52381	1 AC097500.2	-
ENSG00000238109	-4.235765	-1.844995	0.52381	1 AC004893.10	K11971
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ENSG00000240429	-4.235765	-1.844995	0.52381	1 LRRFIP1P1	K17785
ENSG00000240718	-4.235765	-1.844995	0.52381	1 RN7SL851P	-
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ENSG00000240823	-4.235765	-1.844995	0.52381	1 RN7SL23P	-
ENSG00000241150	-4.235765	-1.844995	0.52381	1 RP11-308D16.2	K17086
ENSG00000241720	-4.235765	-1.844995	0.52381	1 RP4-735C1.4	-
ENSG00000241933	-4.235765	-1.844995	0.52381	1 RP11-755B10.3	-
ENSG00000243636	-4.235765	-1.844995	0.52381	1 RP11-164O23.7	-
ENSG00000243979	-4.235765	-1.844995	0.52381	1 RP11-347C18.1	K02880
ENSG00000244184	-4.235765	-1.844995	0.52381	1 RP11-314A20.2	-
ENSG00000244291	-4.235765	-1.844995	0.52381	1 C7orf13	-
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ENSG00000247151	-4.235765	-1.844995	0.52381	1 CSTF3-AS1	-
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ENSG00000248908	-4.235765	-1.844995	0.52381	1 RP11-730N24.1	-
ENSG00000248964	-4.235765	-1.844995	0.52381	1 RP11-94H18.1	-

ENSG00000249326	-4.235765	-1.844995	0.52381	1 CTD-2194D22.4	-
ENSG00000250444	-4.235765	-1.844995	0.52381	1 CCT5P1	K09497
ENSG00000251018	-4.235765	-1.844995	0.52381	1 RP11-80G7.1	-
ENSG00000251271	-4.235765	-1.844995	0.52381	1 ALG1L7P	K03842
ENSG00000251821	-4.235765	-1.844995	0.52381	1 RNU6-583P	-
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ENSG00000252579	-4.235765	-1.844995	0.52381	1 RNU7-117P	-
ENSG00000252797	-4.235765	-1.844995	0.52381	1 RN7SKP272	-
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ENSG00000253273	-4.235765	-1.844995	0.52381	1 RP11-99A14.1	K16449
ENSG00000253595	-4.235765	-1.844995	0.52381	1 CTD-3064M3.1	-
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ENSG00000254693	-4.235765	-1.844995	0.52381	1 RP11-58K22.5	-
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ENSG00000255553	-4.235765	-1.844995	0.52381	1 RP11-810P12.5	-
ENSG00000255629	-4.235765	-1.844995	0.52381	1 RP11-196H14.3	-
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ENSG00000257496	-4.235765	-1.844995	0.52381	1 RP11-474P2.4	-
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ENSG00000257831	-4.235765	-1.844995	0.52381	1 RP11-596D21.1	-
ENSG00000257941	-4.235765	-1.844995	0.52381	1 RP11-290L1.4	-
ENSG00000258044	-4.235765	-1.844995	0.52381	1 RP11-530C5.2	-
ENSG00000258199	-4.235765	-1.844995	0.52381	1 RP11-977G19.5	-
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ENSG00000258583	-4.235765	-1.844995	0.52381	1 RP11-112J1.2	-
ENSG00000259138	-4.235765	-1.844995	0.52381	1 RP11-950C14.7	-
ENSG00000259151	-4.235765	-1.844995	0.52381	1 CAP2P1	K17261
ENSG00000259364	-4.235765	-1.844995	0.52381	1 RP11-64K12.9	-
ENSG00000259450	-4.235765	-1.844995	0.52381	1 RP11-265N7.1	-
ENSG00000259469	-4.235765	-1.844995	0.52381	1 RP11-227D13.4	-
ENSG00000259472	-4.235765	-1.844995	0.52381	1 RP13-996F3.3	K08622
ENSG00000259642	-4.235765	-1.844995	0.52381	1 C15orf37	K16580
ENSG00000259796	-4.235765	-1.844995	0.52381	1 RP11-355I22.7	-
ENSG00000259931	-4.235765	-1.844995	0.52381	1 CTD-2323K18.2	K11098
ENSG00000260541	-4.235765	-1.844995	0.52381	1 LA16c-429E7.1	-
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ENSG00000260648	-4.235765	-1.844995	0.52381	1 RP11-133K1.7	-
ENSG00000260782	-4.235765	-1.844995	0.52381	1 RP11-480G7.2	K09040
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ENSG00000261550	-4.235765	-1.844995	0.52381	1 RP11-467J12.4	-
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ENSG00000262188	-4.235765	-1.844995	0.52381	1 RP11-353N14.4	-
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ENSG00000264743	-4.235765	-1.844995	0.52381	1 DPRXP4	-
ENSG00000264829	-4.235765	-1.844995	0.52381	1 RP11-474I11.8	-
ENSG00000264937	-4.235765	-1.844995	0.52381	1 AC100830.5	-
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ENSG00000266602	-4.235765	-1.844995	0.52381	1 RP11-476K15.1	-
ENSG00000267138	-4.235765	-1.844995	0.52381	1 AC005954.3	-
ENSG00000267150	-4.235765	-1.844995	0.52381	1 RP11-411B10.2	-
ENSG00000267197	-4.235765	-1.844995	0.52381	1 CTC-429L19.3	-
ENSG00000267323	-4.235765	-1.844995	0.52381	1 SLC25A1P5	K15100
ENSG00000267356	-4.235765	-1.844995	0.52381	1 RP11-411B10.3	-
ENSG00000267501	-4.235765	-1.844995	0.52381	1 RP11-108P20.2	-
ENSG00000267959	-4.235765	-1.844995	0.52381	1 MIR3188	-
ENSG00000268047	-4.235765	-1.844995	0.52381	1 AC018766.6	-
ENSG00000268297	-4.235765	-1.844995	0.52381	1 CLEC4GP1	K10061
ENSG00000269161	-4.235765	-1.844995	0.52381	1 CTD-3131K8.3	-
ENSG00000269202	-4.235765	-1.844995	0.52381	1 RP4-614O4.12	-
ENSG00000269296	-4.235765	-1.844995	0.52381	1 AC005614.3	-
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ENSG00000269921	-4.235765	-1.844995	0.52381	1 RP11-646I6.5	-
ENSG00000269980	-4.235765	-1.844995	0.52381	1 RP11-282O18.7	-
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ENSG00000270503	-4.235765	-1.844995	0.52381	1 RP11-407N17.6	-
ENSG00000270571	-4.235765	-1.844995	0.52381	1 RP11-355F16.1	-
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ENSG00000270983	-4.235765	-1.844995	0.52381	1 RP11-137J7.3	K10685
ENSG00000271218	-4.235765	-1.844995	0.52381	1 RP3-523E19.2	-
ENSG00000271803	-4.235765	-1.844995	0.52381	1 RP1-63M2.5	-
ENSG00000271816	-4.235765	-1.844995	0.52381	1 RP11-574K11.28	-
ENSG00000271967	-4.235765	-1.844995	0.52381	1 RP11-134K13.4	-
ENSG00000272048	-4.235765	-1.844995	0.52381	1 RP11-458N5.1	-
ENSG00000272071	-4.235765	-1.844995	0.52381	1 RP11-332J15.4	-
ENSG00000272622	-4.235765	-1.844995	0.52381	1 RP11-395N3.2	-
ENSG00000272647	-4.235765	-1.844995	0.52381	1 GS1-259H13.10	K09229
ENSG00000272884	-4.235765	-1.844995	0.52381	1 RP11-104H15.10	-
ENSG00000272894	-4.235765	-1.844995	0.52381	1 RP5-1159O4.1	-
ENSG00000273010	-4.235765	-1.844995	0.52381	1 RP11-96K19.5	-
ENSG00000273073	-4.235765	-1.844995	0.52381	1 RP11-109E12.1	-
ENSG00000273348	-4.235765	-1.844995	0.52381	1 RP11-535A5.1	-
ENSG00000273432	-4.235765	-1.844995	0.52381	1 RP5-1165K10.2	-
ENSG00000116141	-0.441468	3.318857	0.523815	1 MARK1	K08798
ENSG00000072849	-0.424741	5.473245	0.523911	1 DERL2	K13989
ENSG00000153485	-0.452984	3.484814	0.524074	1 TMEM251	-
ENSG00000072756	-0.427982	5.034388	0.524273	1 TRNT1	K00974
ENSG00000018189	-0.437983	3.702146	0.524364	1 RUFY3	K12482
ENSG00000156831	-0.42473	5.148622	0.524402	1 NSMCE2	-
ENSG00000172638	-0.644465	0.71657	0.524474	1 EFEMP2	K08569
ENSG00000213250	-0.644465	0.71657	0.524474	1 RBMS2P1	-
ENSG00000233381	-0.644465	0.71657	0.524474	1 AK4P3	K00939
ENSG00000261139	-0.644465	0.71657	0.524474	1 CTD-2517M14.5	-
ENSG00000168779	-0.594136	0.685575	0.524474	1 SHOX2	K09331
ENSG00000103544	0.593997	0.622115	0.524474	1 C16orf62	-
ENSG00000113555	0.593997	0.622115	0.524474	1 PCDH12	K16499
ENSG00000167771	0.593997	0.622115	0.524474	1 RCOR2	-
ENSG00000237883	0.593997	0.622115	0.524474	1 DGUOK-AS1	-
ENSG00000272097	0.593997	0.622115	0.524474	1 RP11-421M1.8	-
ENSG00000114529	-0.444131	3.858364	0.524546	1 C3orf52	-
ENSG00000197774	-0.438859	3.855277	0.524546	1 EME2	K10883
ENSG00000113318	-0.438039	4.200738	0.524868	1 MSH3	K08736
ENSG00000122417	-0.421595	5.66834	0.524871	1 ODF2L	-
ENSG00000101057	0.416963	8.419088	0.524908	1 MYBL2	K09421
ENSG00000227500	0.431672	4.392392	0.525016	1 SCAMP4	-

ENSG00000125247	-0.436428	4.421116	0.52503	1 TMTC4	-
ENSG00000164294	-0.418016	7.234149	0.525188	1 GPX8	K00432
ENSG00000185624	0.415639	9.985365	0.525641	1 P4HB	K09580
ENSG00000121966	0.418618	6.294647	0.525708	1 CXCR4	K04189
ENSG00000170027	0.415728	8.56266	0.52605	1 YWHAG	K16198
ENSG00000196366	0.599193	0.877561	0.526087	1 C9orf163	-
ENSG00000212123	0.599193	0.877561	0.526087	1 PRR22	-
ENSG00000251151	0.599193	0.877561	0.526087	1 HOXC-AS3	-
ENSG00000253931	0.599193	0.877561	0.526087	1 RP11-909N17.2	-
ENSG00000271533	0.599193	0.877561	0.526087	1 RP3-368A4.6	-
ENSG00000272716	0.599193	0.877561	0.526087	1 RP11-563N4.1	-
ENSG00000231889	-0.585582	0.938716	0.526087	1 TRAF3IP2-AS1	-
ENSG00000245248	-0.585582	0.938716	0.526087	1 USP2-AS1	-
ENSG00000248932	-0.585582	0.938716	0.526087	1 RP11-319G6.1	-
ENSG00000183258	0.418464	6.36617	0.526154	1 DDX41	K13116
ENSG00000152242	0.423393	4.926539	0.526487	1 C18orf25	-
ENSG00000153094	0.423905	4.869065	0.526508	1 BCL2L11	K16341
ENSG00000183605	-0.4252	4.798341	0.526536	1 SFXN4	-
ENSG00000133104	-0.417691	6.652269	0.5266	1 SPG20	K19366
ENSG00000108578	-0.418793	6.277733	0.526629	1 BLMH	K01372
ENSG00000164543	0.416424	7.151336	0.526674	1 STK17A	K08804
ENSG00000101888	-0.431897	3.894011	0.526969	1 NXT2	K14285
ENSG00000163794	0.602847	1.095204	0.526983	1 UCN	-
ENSG00000102796	0.550699	1.118865	0.526983	1 DHRS12	K11168
ENSG00000128510	-0.417497	6.35517	0.527032	1 CPA4	K08637
ENSG00000167232	-0.436881	3.530773	0.527198	1 ZNF91	K09228
ENSG00000124574	0.435483	3.516255	0.527198	1 ABCC10	K05674
ENSG00000181409	0.447899	3.22827	0.527401	1 AATK	K17480
ENSG00000253710	0.453391	3.175703	0.527434	1 ALG11	K03844
ENSG00000265298	-0.575213	1.340041	0.527497	1 RP13-104F24.3	K12854
ENSG00000171951	-0.543621	1.320614	0.527497	1 SCG2	-
ENSG00000188747	-0.445984	3.04392	0.527543	1 NOXA1	-
ENSG00000241058	-0.447956	2.939221	0.527622	1 NSUN6	-
ENSG00000111196	-0.418536	5.616642	0.527752	1 MAGOHB	K12877
ENSG00000189164	-0.54391	1.487781	0.527794	1 ZNF527	K09228
ENSG00000073060	0.413899	8.677318	0.527807	1 SCARB1	K13885
ENSG00000267751	-0.483849	2.621494	0.527843	1 AC009005.2	-
ENSG00000151726	0.453132	2.5987	0.527843	1 ACSL1	K01897
ENSG00000004534	-0.418694	5.984731	0.527916	1 RBM6	K13094
ENSG00000169045	-0.413782	8.803985	0.527931	1 HNRNPH1	K12898
ENSG00000245149	-0.47678	2.470964	0.527935	1 RNF139-AS1	-
ENSG00000118276	-0.544139	1.637368	0.527962	1 B4GALT6	K07553
ENSG00000261455	0.486981	1.610015	0.527962	1 LINC01003	-
ENSG00000104324	-0.467901	2.302707	0.52802	1 CPQ	K01302
ENSG00000163877	0.42645	4.613114	0.528057	1 SNIP1	K13108
ENSG00000183444	-0.474519	2.122826	0.528083	1 OR7E38P	K04257
ENSG00000198951	0.427249	4.541345	0.528162	1 NAGA	K01204
ENSG00000033627	0.419023	5.145923	0.528431	1 ATP6V0A1	K02154
ENSG00000023608	-0.432728	4.328238	0.528512	1 SNAPC1	K15208
ENSG00000197442	0.4263	4.231046	0.528668	1 MAP3K5	K04426
ENSG00000105656	0.433151	4.134251	0.528844	1 ELL	K15183
ENSG00000168710	0.413047	8.195547	0.528944	1 AHCYL1	K01251
ENSG00000164896	-0.415218	6.695575	0.528953	1 FASTK	K08290
ENSG00000170291	-0.418908	5.604097	0.529244	1 ELP5	K17617
ENSG00000156875	-0.414251	6.951119	0.529396	1 HIAT1	-
ENSG00000106355	-0.414231	6.451355	0.529427	1 LSM5	K12624
ENSG00000169851	-0.414905	6.563433	0.529569	1 PCDH7	K16498
ENSG00000184992	-0.418351	5.742166	0.529615	1 BRI3BP	K17985

ENSG00000138185	-0.42444	4.553726	0.529676	1 ENTPD1	K01510
ENSG00000170322	0.420295	4.938059	0.52997	1 NFRKB	K11671
ENSG00000133773	-0.417151	5.831741	0.530028	1 CCDC59	-
ENSG00000171992	0.415595	6.253764	0.5304	1 SYNPO	-
ENSG00000137216	0.414703	6.031992	0.530592	1 TMEM63B	-
ENSG00000144840	-0.43389	4.198319	0.530684	1 RABL3	K07933
ENSG00000196678	-0.447638	3.301299	0.530947	1 ERI2	K18417
ENSG00000165752	0.419712	4.983209	0.530975	1 STK32C	K08793
ENSG00000118985	0.411327	7.765706	0.531011	1 ELL2	K15183
ENSG00000143753	0.410923	8.152791	0.531091	1 DEGS1	K04712
ENSG00000124126	0.420861	4.550784	0.531182	1 PREX1	K12365
ENSG00000097007	0.41185	7.142324	0.531232	1 ABL1	K06619
ENSG00000116717	-0.413239	6.139913	0.531285	1 GADD45A	K04402
ENSG00000172590	-0.416748	5.173082	0.531377	1 MRPL52	K17433
ENSG00000166106	-0.437427	3.161107	0.531402	1 ADAMTS15	K08629
ENSG00000127511	0.412966	6.157939	0.531716	1 SIN3B	K17985
ENSG00000100577	-0.435905	3.882225	0.5318	1 GSTZ1	K01800
ENSG00000241973	0.415339	5.458246	0.532029	1 PI4KA	K00888
ENSG00000188343	0.431567	3.810369	0.532039	1 FAM92A1	-
ENSG00000182054	0.413821	5.910879	0.53219	1 IDH2	K00031
ENSG00000115233	-0.411519	6.773276	0.532462	1 PSMD14	K03030
ENSG00000135999	-0.432086	3.698694	0.53258	1 EPC2	K11322
ENSG00000010165	-0.414086	5.958934	0.53258	1 METTL13	K01528
ENSG00000164405	-0.410197	7.471692	0.532623	1 UQCRQ	K00418
ENSG00000077809	0.428895	3.648268	0.532731	1 GTF2I	K03121
ENSG00000114686	-0.410368	7.218692	0.532809	1 MRPL3	K02906
ENSG00000164970	0.453207	2.74315	0.532868	1 FAM219A	-
ENSG00000133657	-0.410847	6.875236	0.532925	1 ATP13A3	K14951
ENSG00000133119	-0.411191	6.381678	0.533057	1 RFC3	K10756
ENSG00000007047	0.419804	4.766282	0.533092	1 MARK4	K08798
ENSG00000149503	0.411026	6.257777	0.533209	1 INCENP	K11515
ENSG00000184979	-0.460769	2.642046	0.533441	1 USP18	K11846
ENSG00000107290	-0.413117	6.116129	0.533454	1 SETX	K10706
ENSG00000179886	-0.415364	4.914638	0.533628	1 TIGD5	-
ENSG00000183397	0.453103	2.547163	0.533764	1 C19orf71	-
ENSG00000180346	-0.431467	3.948922	0.533861	1 TIGD2	-
ENSG00000198792	0.409312	7.007092	0.53397	1 TMEM184B	-
ENSG00000187609	-0.433001	3.39567	0.534015	1 EXD3	-
ENSG00000147687	-0.41791	5.23018	0.534042	1 TATDN1	K03424
ENSG00000138363	-0.409003	7.284474	0.534072	1 ATIC	K00602
ENSG00000177868	-0.451257	2.493699	0.534116	1 CCDC23	-
ENSG00000164087	-0.415537	4.777703	0.534379	1 POC1A	K16482
ENSG00000122507	-0.46028	2.42205	0.5345	1 BBS9	K19398
ENSG00000110395	0.415677	5.285393	0.534635	1 CBL	K04707
ENSG00000223773	0.427668	4.154174	0.534783	1 CD99P1	-
ENSG00000003436	0.408288	7.109274	0.534835	1 TFPI	K03909
ENSG00000188158	0.413156	5.241938	0.534909	1 NHS	-
ENSG00000179832	0.422386	3.723413	0.535071	1 MROH1	-
ENSG00000100216	-0.409344	6.568995	0.535087	1 TOMM22	K17769
ENSG00000186854	0.408207	6.905927	0.535242	1 TRABD2A	-
ENSG00000084092	0.411136	5.585393	0.535265	1 NOA1	K17985
ENSG00000239569	0.486755	2.209948	0.535383	1 KMT2E-AS1	-
ENSG00000128833	-0.41041	5.670068	0.535464	1 MYO5C	K10357
ENSG00000180329	-0.411104	5.662309	0.53552	1 CCDC43	-
ENSG00000006327	-0.408415	6.711559	0.535688	1 TNFRSF12A	K05149
ENSG00000196205	0.405482	10.43094	0.535699	1 EEF1A1P5	K03231
ENSG00000100302	-0.438806	3.636746	0.53571	1 RASD2	K07844
ENSG00000234912	0.428461	3.623552	0.53571	1 LINC00338	-

ENSG00000263142	0.477	2.112614	0.535895	1 LRRC37A17P	K10128
ENSG00000162004	-0.447831	3.070304	0.535896	1 CCDC78	-
ENSG00000197943	-0.447831	3.070304	0.535896	1 PLCG2	K05859
ENSG00000073150	0.434755	3.059916	0.535896	1 PANX2	K03443
ENSG00000165689	-0.408404	6.621958	0.5359	1 SDCCAG3	-
ENSG00000142875	-0.415796	5.350938	0.536047	1 PRKACB	K04345
ENSG00000090266	-0.408788	6.365318	0.536203	1 NDUFB2	K03958
ENSG00000224831	-0.453578	3.022671	0.536238	1 RP11-651P23.4	-
ENSG00000170854	-0.415196	4.683728	0.536337	1 MINA	-
ENSG00000204611	0.423067	4.207492	0.536388	1 ZNF616	K09228
ENSG00000161243	-0.488203	2.029473	0.536462	1 FBXO27	K10102
ENSG00000180385	0.46575	2.008348	0.536462	1 EMC3-AS1	K04613
ENSG00000160049	-0.409379	6.195332	0.536506	1 DFFA	K02310
ENSG00000171843	0.407649	6.192581	0.536506	1 MLLT3	K15187
ENSG00000198799	0.414148	4.186014	0.536557	1 LRIG2	-
ENSG00000086062	0.404983	8.761382	0.536672	1 B4GALT1	K07966
ENSG00000075151	0.409882	5.948356	0.536698	1 EIF4G3	K03260
ENSG00000205670	-0.419464	4.421004	0.536722	1 SMIM11	K12581
ENSG00000269343	0.418165	3.859768	0.536735	1 ZNF587B	K09228
ENSG00000140474	-0.410483	5.104741	0.536873	1 ULK3	K08269
ENSG00000168944	-0.419433	4.381635	0.53703	1 CEP120	K16459
ENSG00000196636	-0.435342	3.809108	0.537187	1 ACN9	-
ENSG00000175895	-0.414117	5.051619	0.537267	1 PLEKHF2	-
ENSG00000101745	0.420349	4.086053	0.537291	1 ANKRD12	-
ENSG00000139263	-0.416066	4.724048	0.537433	1 LRIG3	-
ENSG00000157933	0.410518	5.372819	0.537596	1 SKI	-
ENSG00000205250	-0.409396	5.982673	0.537608	1 E2F4	K04682
ENSG00000148400	0.413384	5.250042	0.537684	1 NOTCH1	K02599
ENSG00000167264	-0.417111	4.852355	0.537695	1 DUS2	K05543
ENSG00000152457	-0.421455	4.047462	0.537697	1 DCLRE1C	K10887
ENSG00000223482	-0.422345	4.247466	0.538069	1 NUTM2A-AS1	-
ENSG00000165699	-0.412912	4.80614	0.538072	1 TSC1	K07206
ENSG00000162704	-0.403772	8.405599	0.53817	1 ARPC5	K05754
ENSG00000148841	0.407715	6.104651	0.538223	1 ITPRIP	-
ENSG00000169682	-0.4435	2.730187	0.538378	1 SPNS1	-
ENSG00000189077	0.437271	2.703811	0.538378	1 TMEM120A	-
ENSG00000174547	-0.405329	6.856115	0.538475	1 MRPL11	K02867
ENSG00000082516	-0.407879	6.014173	0.538481	1 GEMIN5	K13133
ENSG00000107984	0.409776	5.263834	0.538504	1 DKK1	K02165
ENSG00000024526	-0.404863	7.053895	0.538578	1 DEPDC1	-
ENSG00000267374	-0.520057	1.691873	0.538599	1 LINC00669	-
ENSG00000182359	-0.495466	1.676915	0.538599	1 KBTBD3	K06133
ENSG00000260966	-0.495466	1.676915	0.538599	1 RP11-690D19.3	-
ENSG00000179241	-0.416349	4.566673	0.538736	1 LDLRAD3	-
ENSG00000187676	-0.424929	3.61167	0.538801	1 B3GALTL	K13675
ENSG00000171634	0.411084	4.356537	0.538891	1 BPTF	K11728
ENSG00000214530	0.431639	3.557916	0.539116	1 STARD10	-
ENSG00000131966	-0.408022	5.468308	0.539348	1 ACTR10	K16576
ENSG00000091136	-0.403006	7.89634	0.539348	1 LAMB1	K05636
ENSG00000101849	0.404734	6.550861	0.539409	1 TBL1X	K04508
ENSG00000226314	-0.517148	1.548099	0.539497	1 ZNF192P1	K09229
ENSG00000261609	-0.425699	3.818331	0.53966	1 GAN	K10453
ENSG00000142192	0.401663	9.198146	0.539827	1 APP	K04520
ENSG00000174032	-0.415319	4.254309	0.5399	1 SLC25A30	K15106
ENSG00000069275	-0.402239	8.101517	0.539937	1 NUCKS1	-
ENSG00000151376	-0.417276	4.233525	0.540121	1 ME3	K00029
ENSG00000180229	0.43928	3.445422	0.540161	1 HERC2P3	K10595
ENSG00000186532	0.413934	4.824831	0.540409	1 SMYD4	K16896

ENSG00000228110	0.515832	1.325565	0.54051	1 ST13P19	K09560
ENSG00000127311	-0.513508	1.388154	0.54051	1 HELB	K15254
ENSG00000166473	-0.513508	1.388154	0.54051	1 PKD1L2	K04988
ENSG00000120437	-0.403448	6.778101	0.540518	1 ACAT2	K00626
ENSG00000180921	-0.434632	3.41637	0.540548	1 FAM83H	K19603
ENSG00000213903	-0.434632	3.41637	0.540548	1 LTB4R	K04296
ENSG00000184162	-0.41222	4.682009	0.540569	1 NR2C2AP	K08062
ENSG00000225470	-0.41222	4.682009	0.540569	1 JPX	-
ENSG00000125459	-0.423137	3.725313	0.540577	1 MSTO1	-
ENSG00000151116	-0.414799	4.368943	0.54058	1 UEVLD	-
ENSG00000124766	-0.406808	5.829447	0.540827	1 SOX4	K09268
ENSG00000163412	0.443262	2.41416	0.540855	1 EIF4E3	K04301
ENSG00000109971	-0.400364	10.49407	0.540856	1 HSPA8	K03283
ENSG00000179134	0.403757	6.490079	0.540985	1 SAMD4B	-
ENSG00000213281	-0.401738	7.468029	0.541099	1 NRAS	K07828
ENSG00000196793	-0.435455	3.336207	0.541387	1 ZNF239	K09228
ENSG00000120694	-0.400944	7.878604	0.54144	1 HSPH1	K09485
ENSG00000197989	-0.414467	4.850829	0.541469	1 SNHG12	-
ENSG00000120820	-0.408136	5.326048	0.54163	1 GLT8D2	K14966
ENSG00000265194	-0.543445	1.229035	0.54165	1 RP11-70L8.4	-
ENSG00000267278	-0.50882	1.207906	0.54165	1 MAP3K14-AS1	-
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ENSG00000008282	-0.401946	6.859525	0.541862	1 SYPL1	K04264
ENSG00000137497	0.400991	6.379374	0.542185	1 NUMA1	K16808
ENSG00000155621	0.410673	4.645148	0.542304	1 C9orf85	K17985
ENSG00000122678	0.422412	3.535528	0.542411	1 POLM	K03513
ENSG00000007520	-0.401219	6.925114	0.542468	1 TSR3	K09140
ENSG00000139579	-0.402822	6.008074	0.54249	1 NABP2	K09654
ENSG00000187535	0.411014	4.847908	0.542674	1 IFT140	K19672
ENSG00000143443	-0.543007	1.026012	0.542911	1 C1orf56	-
ENSG00000179841	-0.543007	1.026012	0.542911	1 AKAP5	K16522
ENSG00000176971	-0.502557	1.001401	0.542911	1 FIBIN	-
ENSG00000176490	0.405226	5.434062	0.542957	1 DIRAS1	K07840
ENSG00000067798	-1.056316	-0.347833	0.542974	1 NAV3	-
ENSG00000106302	-1.056316	-0.347833	0.542974	1 HYAL4	K01197
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ENSG00000185338	-1.056316	-0.347833	0.542974	1 SOCS1	K04694
ENSG00000185774	-1.056316	-0.347833	0.542974	1 KCNIP4	-
ENSG00000230267	-1.056316	-0.347833	0.542974	1 HERC2P4	K10595
ENSG00000230337	-1.056316	-0.347833	0.542974	1 RP4-635E18.6	-
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ENSG00000269988	-1.056316	-0.347833	0.542974	1 RP11-395P17.11	-
ENSG00000270018	-1.056316	-0.347833	0.542974	1 RP3-462E2.5	-
ENSG00000271127	-1.056316	-0.347833	0.542974	1 LL22NC03-N64E9.1	-
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ENSG00000047457	-0.942373	-0.416729	0.542974	1 CP	K13624
ENSG00000088340	-0.942373	-0.416729	0.542974	1 FER1L4	K11447
ENSG00000145431	-0.942373	-0.416729	0.542974	1 PDGFC	K05450
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ENSG00000169245	-0.942373	-0.416729	0.542974	1 CXCL10	K12671
ENSG00000170417	-0.942373	-0.416729	0.542974	1 TMEM182	-
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ENSG00000232346	-0.942373	-0.416729	0.542974	1 SC22CB-1E7.1	K02962
ENSG00000232637	-0.942373	-0.416729	0.542974	1 WI2-3658N16.1	-
ENSG00000244578	-0.942373	-0.416729	0.542974	1 RP11-548O1.3	-
ENSG00000269176	-0.942373	-0.416729	0.542974	1 RP11-727F15.12	-
ENSG00000272402	-0.942373	-0.416729	0.542974	1 RP1-30M3.6	-
ENSG00000273443	-0.942373	-0.416729	0.542974	1 RP11-54O7.18	-
ENSG00000254986	-0.405603	5.355215	0.543108	1 DPP3	K01277
ENSG00000092010	-0.399931	7.285919	0.543167	1 PSME1	K06696
ENSG00000176473	0.41487	4.106648	0.543338	1 WDR25	-
ENSG00000130119	-0.428771	3.156012	0.543393	1 GNL3L	K14538
ENSG00000108511	0.424028	3.136987	0.543393	1 HOXB6	K09306
ENSG00000188315	0.424028	3.136987	0.543393	1 C3orf62	K02927
ENSG00000167397	0.401708	6.10272	0.543503	1 VKORC1	K05357
ENSG00000147592	-0.40821	4.889726	0.54351	1 LACTB2	-
ENSG00000119616	-0.406556	5.309583	0.54363	1 FCF1	K14566
ENSG00000166548	-0.414267	4.242782	0.543797	1 TK2	K00857
ENSG00000118508	-0.401859	5.422087	0.54401	1 RAB32	K07918
ENSG00000023287	0.398523	7.500403	0.544129	1 RB1CC1	K17589
ENSG00000198520	0.619606	0.701639	0.544247	1 C1orf228	-
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ENSG00000233006	0.478223	2.040013	0.544556	1 AC034220.3	-
ENSG00000100526	0.404668	5.061638	0.544732	1 CDKN3	K14167
ENSG00000159199	-0.401015	6.417485	0.544765	1 ATP5G1	K02128
ENSG00000100836	-0.402424	5.771328	0.544779	1 PABPN1	K14396
ENSG00000187957	0.410687	4.775973	0.544852	1 DNER	-
ENSG00000181873	0.423847	3.791567	0.544928	1 IBA57	K15696
ENSG00000106080	-0.40656	5.041002	0.545076	1 FKBP14	K09577
ENSG00000079841	0.39814	7.056073	0.545105	1 RIMS1	K15291
ENSG00000213398	0.427175	2.585013	0.545115	1 LCAT	K00650
ENSG00000143924	-0.399864	6.414412	0.54524	1 EML4	K15420
ENSG00000135902	0.44675	2.978475	0.545277	1 CHRND	K04816
ENSG00000062038	0.618558	0.410226	0.545468	1 CDH3	-
ENSG00000261474	0.618558	0.410226	0.545468	1 RP11-452L6.1	-
ENSG00000164880	0.396831	7.603622	0.545724	1 INTS1	K13138
ENSG00000260121	0.466427	1.930224	0.545785	1 RP5-1142A6.9	-
ENSG00000113966	-0.465716	1.962272	0.545785	1 ARL6	K07951
ENSG00000258655	-0.465716	1.962272	0.545785	1 ARHGAP5-AS1	-
ENSG00000116285	0.398346	5.883579	0.545785	1 ERFFI1	-
ENSG00000102805	-0.411087	4.366796	0.545863	1 CLN5	K12390
ENSG00000104714	-0.411087	4.366796	0.545863	1 ERICH1	-
ENSG00000139890	0.616819	0.046836	0.545915	1 REM2	K07848
ENSG00000213700	0.616819	0.046836	0.545915	1 RPL17P50	K02880
ENSG00000229692	0.616819	0.046836	0.545915	1 SOS1-IT1	-
ENSG00000259426	0.616819	0.046836	0.545915	1 RP11-253M7.1	-
ENSG00000105875	0.439634	2.921914	0.545998	1 WDR91	K15696
ENSG00000150967	0.439634	2.921914	0.545998	1 ABCB9	K05656
ENSG00000065615	-0.411004	4.207635	0.546252	1 CYB5R4	K00326
ENSG00000141644	0.398341	5.7906	0.546456	1 MBD1	K11589
ENSG00000182585	-0.410648	4.435184	0.546632	1 EPGN	-
ENSG00000171566	-0.398622	5.943395	0.546797	1 PLRG1	K12862
ENSG00000134363	-0.462728	2.462547	0.547051	1 FST	K04661
ENSG00000197362	-0.448538	2.454076	0.547051	1 ZNF786	K09228
ENSG00000213186	-0.480506	1.857455	0.547186	1 TRIM59	K12028
ENSG00000269044	-0.480506	1.857455	0.547186	1 CTC-429P9.3	-
ENSG00000229619	-0.458536	1.844218	0.547186	1 MBNL1-AS1	-
ENSG00000270804	-0.458536	1.844218	0.547186	1 CTD-2583A14.11	K06688

ENSG00000115183	0.398127	5.785033	0.547197	1 TANC1	-
ENSG00000168765	-0.403041	4.886753	0.547218	1 GSTM4	K00799
ENSG00000172500	-0.397041	6.559786	0.547451	1 FIBP	K16758
ENSG00000166228	-0.402398	5.358418	0.547489	1 PCBD1	K01724
ENSG00000146540	-0.398754	6.086835	0.547492	1 C7orf50	-
ENSG00000223959	-0.41862	3.607986	0.547694	1 AFG3L1P	K08956
ENSG00000129116	0.394953	7.342318	0.547926	1 PALLD	-
ENSG00000101191	0.398445	5.930438	0.548139	1 DIDO1	-
ENSG00000261488	0.463227	2.346148	0.548173	1 RP11-757F18.5	-
ENSG00000232973	-0.457684	2.380372	0.548173	1 CYP1B1-AS1	-
ENSG00000160345	0.442811	2.355501	0.548173	1 C9orf116	-
ENSG00000169231	-0.415329	3.571547	0.548235	1 THBS3	K04659
ENSG00000137094	0.418821	3.736698	0.548323	1 DNAJB5	K09511
ENSG00000107951	-0.401348	5.416972	0.548347	1 MTPAP	K18060
ENSG00000072135	-0.413893	3.911373	0.548388	1 PTPN18	K18024
ENSG00000267350	0.410028	4.044179	0.548438	1 RP1-178F10.3	-
ENSG00000132967	-0.395716	6.654087	0.54857	1 HMGB1P5	K10802
ENSG00000137760	-0.438622	3.064864	0.548684	1 ALKBH8	K10770
ENSG00000115484	-0.392907	9.11014	0.548764	1 CCT4	K09496
ENSG00000101331	-0.474127	1.730038	0.548796	1 CCM2L	-
ENSG00000121236	-0.411464	3.718513	0.548828	1 TRIM6	K11999
ENSG00000197081	0.39426	7.017239	0.549088	1 IGF2R	K06564
ENSG00000130402	0.392581	8.929788	0.549111	1 ACTN4	K05699
ENSG00000089060	-0.399274	5.05554	0.549258	1 SLC8B1	K13754
ENSG00000141569	-0.397611	5.898602	0.549283	1 TRIM65	K12031
ENSG00000109674	-0.404807	4.748639	0.549362	1 NEIL3	K10569
ENSG00000086717	0.45292	2.257815	0.549421	1 PPEF1	K13807
ENSG00000048342	-0.451989	2.293181	0.549421	1 CC2D2A	K19352
ENSG00000135945	-0.398414	5.109798	0.54944	1 REV1	K03515
ENSG00000166689	0.421034	3.256649	0.549454	1 PLEKHA7	-
ENSG00000124207	-0.392439	8.593716	0.549494	1 CSEIL	K18423
ENSG00000080986	-0.395251	6.466343	0.549511	1 NDC80	K11547
ENSG00000179431	-0.44103	2.696659	0.549518	1 FJX1	K16674
ENSG00000168140	0.393719	7.06034	0.549569	1 VASN	-
ENSG00000156983	0.402394	4.950952	0.549733	1 BRPF1	K11348
ENSG00000153187	-0.391806	9.359356	0.549788	1 HNRNPU	K12888
ENSG00000105085	0.405946	3.810701	0.549804	1 MED26	K15169
ENSG00000111961	0.415548	3.441809	0.550034	1 SASH1	K02929
ENSG00000115207	0.396211	6.018463	0.550202	1 GTF3C2	K15200
ENSG00000176407	0.393254	6.944547	0.550225	1 KCMF1	-
ENSG00000152669	-0.409881	4.195725	0.550352	1 CCNO	K10861
ENSG00000196642	0.393769	6.548949	0.55046	1 RABL6	-
ENSG00000124782	0.396053	5.658533	0.550602	1 RREB1	K12581
ENSG00000145416	0.506517	1.55065	0.550667	1	1-Mar K10656
ENSG00000160588	-0.462549	2.210513	0.550817	1 MPZL3	-
ENSG00000230797	-0.462549	2.210513	0.550817	1 YY2	K09201
ENSG00000269958	-0.445509	2.200316	0.550817	1 RP11-73M18.8	-
ENSG00000259605	0.441197	2.163809	0.550817	1 AC074212.5	-
ENSG00000013275	-0.394226	6.33423	0.550868	1 PSMC4	K03063
ENSG00000165650	0.39613	5.555805	0.550882	1 PDZD8	-
ENSG00000069482	-0.399436	4.946177	0.551083	1 GAL	K05244
ENSG00000116649	-0.395259	6.09391	0.551146	1 SRM	K00797
ENSG00000074696	0.391171	7.909596	0.551168	1 PTPLAD1	K10703
ENSG00000006025	-0.435597	2.904177	0.551321	1 OSBPL7	-
ENSG00000113460	-0.390749	8.386571	0.551341	1 BRIX1	K14820
ENSG00000102287	-0.396821	5.438331	0.551383	1 GABRE	K05185
ENSG00000138081	0.398845	4.987426	0.551447	1 FBXO11	K10297
ENSG00000128578	0.398581	4.847952	0.551469	1 STRIP2	-

ENSG00000101367	-0.391734	7.17431	0.551622	1 MAPRE1	K10436
ENSG00000186567	0.444062	2.52481	0.551786	1 CEACAM19	K16825
ENSG00000168517	-0.429833	2.554084	0.551786	1 HEXIM2	K15189
ENSG00000167088	-0.391891	6.948379	0.551846	1 SNRPD1	K11087
ENSG00000186522	0.391042	7.294963	0.551952	1	10-Sep K16940
ENSG00000079432	0.393204	5.662874	0.551959	1 CIC	K16941
ENSG00000125733	0.390535	7.478605	0.552243	1 TRIP10	K07196
ENSG00000183260	0.431251	2.820275	0.552341	1 ABHD16B	-
ENSG00000162889	-0.430813	2.844225	0.552341	1 MAPKAPK2	K04443
ENSG00000159873	-0.394158	5.676942	0.552477	1 CCDC117	-
ENSG00000175768	-0.39476	5.669219	0.552635	1 TOMM5	K17773
ENSG00000101417	0.534166	1.375544	0.552865	1 PXMP4	K13350
ENSG00000112379	0.534166	1.375544	0.552865	1 KIAA1244	K17572
ENSG00000171303	0.534166	1.375544	0.552865	1 KCNK3	K04914
ENSG00000053372	-0.392837	6.13996	0.55294	1 MRTO4	K14815
ENSG00000117593	-0.396734	5.48502	0.552999	1 DARS2	K01876
ENSG00000020256	-0.401964	4.69216	0.55312	1 ZFP64	-
ENSG00000143933	-0.388375	9.910759	0.553122	1 CALM2	K02183
ENSG00000243449	-0.402325	4.829387	0.553218	1 C4orf48	-
ENSG00000174010	0.393423	5.848165	0.553261	1 KLHL15	K10452
ENSG00000130255	-0.388702	8.526829	0.553333	1 RPL36	K02920
ENSG00000233184	-0.436895	2.78833	0.553447	1 RP11-421L21.3	-
ENSG00000140199	0.406364	4.11942	0.553562	1 SLC12A6	K14427
ENSG00000106460	-0.393408	5.960377	0.553603	1 TMEM106B	-
ENSG00000169239	-0.427145	3.032806	0.55365	1 CA5B	K01672
ENSG00000135617	0.402357	4.321883	0.553651	1 PRADC1	-
ENSG00000197045	-0.39181	5.795188	0.553688	1 GMFB	-
ENSG00000165704	-0.390138	6.870463	0.553771	1 HPRT1	K00760
ENSG00000176973	0.400129	4.841832	0.55412	1 FAM89B	-
ENSG00000196268	0.479583	1.963591	0.554174	1 ZNF493	K09228
ENSG00000265666	0.479583	1.963591	0.554174	1 CTD-2267D19.2	-
ENSG00000105223	0.389639	6.769139	0.554204	1 PLD3	K16860
ENSG00000007038	-0.389161	7.083312	0.554383	1 PRSS21	K09625
ENSG00000101040	0.392874	5.606279	0.554498	1 ZMYND8	-
ENSG00000203999	-0.430887	2.404537	0.554538	1 RP11-290F20.1	-
ENSG00000009830	-0.406677	4.076161	0.554542	1 POMT2	K00728
ENSG00000119965	-0.409879	3.701755	0.554607	1 C10orf88	-
ENSG00000129646	-0.431739	2.72322	0.554649	1 QRICH2	-
ENSG00000261452	-0.419882	2.716215	0.554649	1 RP11-509E16.1	-
ENSG00000111877	-0.415845	3.194562	0.554671	1 MCM9	K10738
ENSG00000105613	0.41344	3.176577	0.554671	1 MAST1	K08789
ENSG00000110514	0.389755	6.150481	0.554757	1 MADD	-
ENSG00000229644	0.393181	5.043129	0.554905	1 NAMPTL	K03462
ENSG00000138688	-0.408366	4.261121	0.554954	1 KIAA1109	-
ENSG00000129680	-0.397015	5.340158	0.554985	1 MAP7D3	K16807
ENSG00000142089	0.386688	8.759552	0.555187	1 IFITM3	K06566
ENSG00000205208	-0.396494	4.917481	0.555255	1 C4orf46	-
ENSG00000152078	-0.395202	5.233647	0.555273	1 TMEM56	-
ENSG00000108515	0.396004	4.415462	0.555276	1 ENO3	K01689
ENSG00000105197	-0.388582	6.873085	0.555348	1 TIMM50	K17496
ENSG00000180011	-0.394409	5.131186	0.555353	1 ZADH2	K07119
ENSG00000114850	-0.386957	8.088311	0.555426	1 SSR3	K13251
ENSG00000246174	0.521847	1.198481	0.55548	1 KCTD21-AS1	-
ENSG00000260482	0.521847	1.198481	0.55548	1 CTD-2196E14.9	-
ENSG00000143315	-0.414418	3.344468	0.555488	1 PIGM	K05284
ENSG00000171806	-0.414418	3.344468	0.555488	1 METTL18	-
ENSG00000165417	-0.393087	5.118636	0.555609	1 GTF2A1	K03122
ENSG00000249992	-0.411301	3.145764	0.555623	1 TMEM158	K01869

ENSG00000133028	-0.388901	6.429761	0.555565	1 SCO1	K07152
ENSG00000101782	0.389537	6.355929	0.555583	1 RIOK3	K08872
ENSG00000114021	-0.388923	5.907395	0.555866	1 NIT2	K13566
ENSG00000115306	0.386776	7.667853	0.555867	1 SPTBN1	K06115
ENSG00000178950	0.388887	6.194336	0.555591	1 GAK	K08855
ENSG00000197565	0.444749	2.627615	0.555962	1 COL4A6	K06237
ENSG00000171443	0.407499	3.620307	0.555598	1 ZNF524	-
ENSG00000136444	-0.393547	5.644053	0.556032	1 RSAD1	-
ENSG00000172731	0.442321	2.294372	0.556146	1 LRRC20	K04240
ENSG00000203995	-0.403735	4.290473	0.556245	1 ZYG11A	K10350
ENSG00000143258	-0.400572	4.531043	0.556307	1 USP21	K11833
ENSG00000162522	0.386665	7.120906	0.556649	1 KIAA1522	-
ENSG00000153015	-0.391746	5.468306	0.556666	1 CWC27	K12737
ENSG00000161618	-0.391068	5.300711	0.556747	1 ALDH16A1	-
ENSG00000144161	-0.399019	4.166662	0.556893	1 ZC3H8	-
ENSG00000266753	0.438774	2.83857	0.556974	1 RP11-690G19.3	-
ENSG00000054523	0.392128	5.485962	0.557004	1 KIF1B	K10392
ENSG00000173757	0.386891	6.76024	0.557018	1 STAT5B	K11224
ENSG00000165118	-0.39621	4.937622	0.557191	1 C9orf64	K09228
ENSG00000167548	0.386576	6.372454	0.55726	1 KMT2D	K09187
ENSG00000188015	0.415274	3.242929	0.557315	1 S100A3	-
ENSG00000135905	-0.41404	3.260051	0.557315	1 DOCK10	-
ENSG00000084070	0.398013	4.132078	0.557419	1 SMAP2	K12486
ENSG00000115053	-0.384086	10.06844	0.557467	1 NCL	K11294
ENSG00000109189	-0.399839	3.818007	0.557595	1 USP46	K11842
ENSG00000144228	-0.398085	4.033919	0.557663	1 SPOPL	K10523
ENSG00000245694	-0.396764	4.221666	0.55771	1 CRNDE	-
ENSG00000185215	0.385531	6.8574	0.558229	1 TNFAIP2	-
ENSG00000268592	0.408362	3.195969	0.558315	1 RP11-244K5.8	-
ENSG00000188419	-0.392758	4.710631	0.558351	1 CHM	-
ENSG00000110987	-0.393273	4.579425	0.558384	1 BCL7A	-
ENSG00000164182	-0.391427	5.386941	0.558442	1 NDUFAF2	K18160
ENSG00000169418	0.384633	7.323466	0.558446	1 NPR1	K12323
ENSG00000239789	-0.394673	4.274651	0.55847	1 MRPS17	K15120
ENSG00000144959	-0.389863	5.219609	0.5585	1 NCEH1	K14349
ENSG00000153896	-0.582354	1.050156	0.558636	1 ZNF599	K09228
ENSG00000171557	-0.582354	1.050156	0.558636	1 FGG	K03905
ENSG00000259485	0.505602	0.997201	0.558636	1 CTD-2147F2.1	-
ENSG00000260534	0.505602	0.997201	0.558636	1 RP11-1006G14.4	-
ENSG00000130347	-0.39393	4.695508	0.558729	1 RTN4IP1	-
ENSG00000083857	-0.389255	5.548135	0.558911	1 FAT1	K16506
ENSG00000049656	-0.382866	9.187244	0.558971	1 CLPTM1L	-
ENSG00000101098	0.443677	2.47054	0.558985	1 RIMS4	K15299
ENSG00000143970	-0.392127	4.678501	0.559116	1 ASXL2	K11471
ENSG00000072364	0.385022	6.626115	0.559189	1 AFF4	K15185
ENSG00000047849	0.383022	7.92482	0.559467	1 MAP4	K10431
ENSG00000114541	0.398322	3.598871	0.559478	1 FRMD4B	-
ENSG00000234975	0.390681	4.829559	0.55951	1 FTH1P2	K00522
ENSG00000160818	-0.384842	6.361666	0.559801	1 GPATCH4	-
ENSG00000138182	-0.384814	6.559363	0.559859	1 KIF20B	K10402
ENSG00000236552	0.38171	9.587257	0.559982	1 RPL13AP5	K02872
ENSG00000068305	0.386134	5.618847	0.560247	1 MEF2A	K09260
ENSG00000126561	0.387387	5.37918	0.560308	1 STAT5A	K11223
ENSG00000165637	0.382413	7.640128	0.560355	1 VDAC2	K15040
ENSG00000134369	0.392135	5.090318	0.560395	1 NAV1	K16776
ENSG00000070010	0.384752	6.165849	0.560609	1 UFD1L	K14016
ENSG00000166260	-0.390448	5.361609	0.560816	1 COX11	K02258
ENSG00000142185	-0.400401	4.330177	0.560857	1 TRPM2	K04977

ENSG00000185344	-0.393939	4.772821	0.560996	1 ATP6V0A2	K02154
ENSG00000169599	-0.420145	3.40788	0.56102	1 NFU1	-
ENSG00000115806	0.383251	6.610907	0.56103	1 GORASP2	-
ENSG00000175054	-0.386681	5.524552	0.561039	1 ATR	K06640
ENSG00000145020	-0.492763	1.60604	0.561338	1 AMT	K00605
ENSG00000165959	-0.492763	1.60604	0.561338	1 CLMN	K15601
ENSG00000217416	-0.492763	1.60604	0.561338	1 ISCA1P1	K13628
ENSG00000271359	-0.492763	1.60604	0.561338	1 RP11-84C13.1	-
ENSG00000196693	-0.411039	3.653847	0.561347	1 ZNF33B	K09228
ENSG00000166833	0.388578	4.900408	0.561539	1 NAV2	K19483
ENSG00000037637	0.394837	4.501369	0.561591	1 FBXO42	K10317
ENSG00000158747	0.394837	4.501369	0.561591	1 NBL1	K19558
ENSG00000224531	-0.382973	6.603258	0.561636	1 SMIM13	-
ENSG00000137955	-0.380711	8.215149	0.561714	1 RABGGTB	K05956
ENSG00000070785	-0.384255	5.558392	0.561796	1 EIF2B3	K03241
ENSG00000148019	-0.385729	5.31837	0.561878	1 CEP78	K16765
ENSG00000175183	-0.391626	4.894097	0.561902	1 CSRP2	K09377
ENSG00000230844	0.413136	3.354438	0.562029	1 ZNF674-AS1	-
ENSG00000113838	-0.415057	3.499761	0.562128	1 TBCCD1	K16810
ENSG00000112167	-0.468882	2.017823	0.562277	1 SAYSD1	-
ENSG00000185875	-0.401427	3.931466	0.562372	1 THNSL1	K05691
ENSG00000205268	-0.385962	5.183915	0.562395	1 PDE7A	K18436
ENSG00000072832	-0.589441	0.817781	0.562502	1 CRMP1	K07528
ENSG00000130751	-0.589441	0.817781	0.562502	1 NPAS1	K09098
ENSG00000270558	-0.589441	0.817781	0.562502	1 CTD-2124B8.2	K11586
ENSG00000172766	-0.39201	4.595808	0.562593	1 NAA16	K00670
ENSG00000048544	-0.382469	6.259661	0.562805	1 MRPS10	K02946
ENSG00000104953	-0.43285	2.591083	0.562885	1 TLE6	-
ENSG00000116337	0.381511	6.532391	0.562978	1 AMPD2	K01490
ENSG00000115041	0.423533	2.801752	0.562991	1 KCNIP3	-
ENSG00000188811	-0.398472	3.902434	0.563103	1 NHLRC3	K17985
ENSG00000186448	-0.403771	3.805579	0.563107	1 ZNF197	K09229
ENSG00000132688	0.385157	5.220924	0.56331	1 NES	K07609
ENSG00000139832	0.380984	6.477241	0.563322	1 RAB20	K07911
ENSG00000120675	-0.381581	5.926967	0.563337	1 DNAJC15	K09535
ENSG00000118922	-0.389119	4.676776	0.563489	1 KLF12	K09205
ENSG00000152601	-0.380752	6.79129	0.563503	1 MBNL1	K14943
ENSG00000130956	-0.388041	4.559107	0.563534	1 HABP4	K19019
ENSG00000120318	-0.392104	4.139521	0.563723	1 ARAP3	K12490
ENSG00000148218	0.389041	4.910666	0.563775	1 ALAD	K01698
ENSG00000157470	-0.388979	5.080318	0.564015	1 FAM81A	-
ENSG00000169379	-0.388111	4.412595	0.564122	1 ARL13B	K07962
ENSG00000178761	-0.385417	5.265854	0.564174	1 FAM219B	-
ENSG00000135486	-0.377546	9.15692	0.564445	1 HNRNPA1	K12741
ENSG00000090013	0.385458	5.513151	0.564464	1 BLVRB	K05901
ENSG00000101608	-0.378026	8.090771	0.56457	1 MYL12A	K12757
ENSG00000169668	-0.434377	2.756145	0.56459	1 BCRP2	K08878
ENSG00000052795	0.429779	2.730697	0.56459	1 FNIP2	K12581
ENSG00000197744	0.429779	2.730697	0.56459	1 PTMAP2	K13784
ENSG00000147804	-0.515436	1.470373	0.564607	1 SLC39A4	K14710
ENSG00000070756	0.376963	10.94161	0.564628	1 PABPC1	K13126
ENSG00000171236	0.383874	5.5035	0.564721	1 LRG1	-
ENSG00000149054	-0.440304	2.524203	0.564733	1 ZNF215	K09229
ENSG00000160255	0.434733	2.502116	0.564733	1 ITGB2	K06464
ENSG00000182310	0.434733	2.502116	0.564733	1 SPACA6P	-
ENSG00000121039	-0.382413	5.721608	0.564897	1 RDH10	K11151
ENSG00000216895	-0.48329	1.91713	0.564915	1 AC009403.2	-
ENSG00000230562	0.452629	1.896097	0.564915	1 FAM133DP	-

ENSG00000115504	-0.385628	5.126164	0.564947	1 EHBP1	-
ENSG00000104131	-0.377643	7.796243	0.565232	1 EIF3J	K03245
ENSG00000089289	0.378604	6.850917	0.565333	1 IGBP1	K17606
ENSG00000109220	-0.403621	3.232121	0.565439	1 CHIC2	-
ENSG00000175105	0.403421	3.2151	0.565439	1 ZNF654	-
ENSG00000090061	0.3811	5.351475	0.565473	1 CCNK	-
ENSG00000184709	-0.413124	3.074727	0.565683	1 LRRC26	-
ENSG00000139880	0.392957	4.341584	0.56582	1 CDH24	K06814
ENSG00000130193	-0.380735	5.78888	0.565828	1 THEM6	-
ENSG00000177981	-0.391037	4.58672	0.565854	1 ASB8	K10330
ENSG00000122435	-0.388117	4.791891	0.565877	1 TRMT13	K15446
ENSG00000138172	-0.425193	2.898039	0.565977	1 CALHM2	K19739
ENSG00000163513	-0.385361	4.924673	0.56599	1 TGFBR2	K04388
ENSG00000157191	-0.384159	5.36798	0.565994	1 NECAP2	-
ENSG00000122884	0.377438	7.167145	0.566031	1 P4HA1	K00472
ENSG00000235750	-0.389569	4.628028	0.566228	1 KIAA0040	-
ENSG00000139116	-0.380864	5.595086	0.566246	1 KIF21A	K10395
ENSG00000196743	-0.381844	4.956036	0.566284	1 GM2A	K12383
ENSG00000100558	-0.428975	2.689518	0.566334	1 PLEK2	-
ENSG00000135622	-0.428975	2.689518	0.566334	1 SEMA4F	K06521
ENSG00000124444	-0.406772	3.340003	0.566389	1 ZNF576	-
ENSG00000099917	0.37791	6.666872	0.56639	1 MED15	K15157
ENSG00000148396	0.377068	7.0487	0.566586	1 SEC16A	-
ENSG00000135124	-0.396192	3.677797	0.566595	1 P2RX4	K05218
ENSG00000153823	0.42394	2.423052	0.566775	1 PID1	-
ENSG00000171208	-0.384676	4.897017	0.566807	1 NETO2	-
ENSG00000153774	-0.381934	5.300703	0.566998	1 CFDP1	-
ENSG00000203760	-0.38923	4.422847	0.567246	1 CENPW	-
ENSG00000237457	-0.656184	0.574269	0.567307	1 RP11-547I7.2	-
ENSG00000239282	-0.656184	0.574269	0.567307	1 GATSL3	-
ENSG00000273314	-0.656184	0.574269	0.567307	1 RP5-1136G13.2	-
ENSG00000055955	0.646703	0.50156	0.567307	1 ITIH4	-
ENSG00000124743	0.646703	0.50156	0.567307	1 KLHL31	K10467
ENSG00000183323	0.646703	0.50156	0.567307	1 CCDC125	-
ENSG00000198691	0.646703	0.50156	0.567307	1 ABCA4	K05644
ENSG00000214575	0.646703	0.50156	0.567307	1 CPEB1	K02602
ENSG00000222019	0.646703	0.50156	0.567307	1 URAHP	K07127
ENSG00000231249	0.646703	0.50156	0.567307	1 ITPR1-AS1	-
ENSG00000259248	0.646703	0.50156	0.567307	1 USP3-AS1	-
ENSG00000267422	0.646703	0.50156	0.567307	1 CTD-2554C21.1	K19476
ENSG00000106541	-0.599971	0.539768	0.567307	1 AGR2	-
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ENSG00000180264	-0.599971	0.539768	0.567307	1 GPR144	K08466
ENSG00000197406	-0.599971	0.539768	0.567307	1 DIO3	K07754
ENSG00000228560	-0.599971	0.539768	0.567307	1 RP11-550P17.5	-
ENSG00000237781	-0.599971	0.539768	0.567307	1 RP11-54A4.2	-
ENSG00000248690	-0.599971	0.539768	0.567307	1 HAS2-AS1	-
ENSG00000124374	0.565026	0.538185	0.567307	1 PAIP2B	K12581
ENSG00000135423	0.565026	0.538185	0.567307	1 GLS2	K01425
ENSG00000221883	0.565026	0.538185	0.567307	1 ARIH2OS	K17985
ENSG00000253978	0.565026	0.538185	0.567307	1 CTB-178M22.2	-
ENSG00000266835	0.565026	0.538185	0.567307	1 RP11-838N2.4	-
ENSG00000268061	0.565026	0.538185	0.567307	1 NAPA-AS1	-
ENSG00000269374	0.565026	0.538185	0.567307	1 CTB-50E14.5	-
ENSG00000120549	0.452821	2.123728	0.56732	1 KIAA1217	-
ENSG00000157734	-0.441923	2.151513	0.56732	1 SNX22	K17941
ENSG00000261005	0.42904	2.134745	0.56732	1 CTB-58E17.1	-
ENSG00000181523	0.381139	4.955267	0.567359	1 SGSH	K01565

ENSG00000174365	-0.419938	2.837812	0.567621	1 SNHG11	-
ENSG00000108439	-0.391899	4.283652	0.567676	1 PNPO	K00275
ENSG00000119705	-0.380761	5.919755	0.567809	1 SLIRP	K06063
ENSG00000116918	-0.380346	5.59055	0.567893	1 TSNAX	-
ENSG00000066654	-0.384326	5.095755	0.567952	1 THUMPD1	K06963
ENSG00000144134	-0.477464	1.795171	0.567967	1 RABL2A	K07931
ENSG00000166578	0.468046	1.760133	0.567967	1 IQCD	-
ENSG00000183978	-0.38127	5.476195	0.568048	1 COA3	K18175
ENSG00000085415	-0.37964	5.660601	0.568106	1 SEH1L	K14299
ENSG00000173674	-0.374644	7.99193	0.568137	1 EIF1AX	K03236
ENSG00000079134	-0.37864	5.65192	0.568362	1 THOC1	K12878
ENSG00000149809	-0.511321	1.300887	0.568539	1 TM7SF2	K00222
ENSG00000169758	-0.511321	1.300887	0.568539	1 C15orf27	-
ENSG00000250133	-0.511321	1.300887	0.568539	1 HOXC-AS2	-
ENSG00000165804	0.381275	4.990239	0.568664	1 ZNF219	-
ENSG00000154127	-0.378972	5.139877	0.568758	1 UBASH3B	K18993
ENSG00000185324	-0.380262	5.424121	0.568764	1 CDK10	K02449
ENSG00000109180	-0.375874	6.661096	0.568787	1 OCIAD1	-
ENSG00000176390	-0.386598	4.870326	0.568799	1 CRLF3	K17985
ENSG00000186918	0.379127	5.498649	0.568957	1 ZNF395	-
ENSG00000232112	-0.377249	6.074591	0.568984	1 TMA7	K07604
ENSG00000128699	-0.38089	5.414914	0.56907	1 ORMDL1	-
ENSG00000166562	-0.382554	4.982593	0.569075	1 SEC11C	K13280
ENSG00000170855	-0.378975	5.73893	0.569311	1 TRIAP1	K17968
ENSG00000176986	0.37472	6.844417	0.56934	1 SEC24C	K14007
ENSG00000103257	0.372257	12.34702	0.569393	1 SLC7A5	K13780
ENSG00000226278	-0.414205	2.774939	0.569406	1 PSPHP1	K01079
ENSG00000175581	-0.377042	5.756856	0.569438	1 MRPL48	K17429
ENSG00000055609	0.378749	5.305563	0.569529	1 KMT2C	K09188
ENSG00000128915	-0.378605	5.942005	0.569572	1 NARG2	K09228
ENSG00000164209	-0.378605	5.942005	0.569572	1 SLC25A46	K03454
ENSG00000165646	0.392108	3.333231	0.569634	1 SLC18A2	K08155
ENSG00000035141	-0.375545	6.471348	0.569819	1 FAM136A	-
ENSG00000103067	-0.378205	5.597801	0.569964	1 ESRP2	K14947
ENSG00000128609	-0.376967	5.886844	0.570019	1 NDUFA5	K03949
ENSG00000101346	-0.37551	6.393288	0.570067	1 POFUT1	-
ENSG00000179021	-0.387714	4.136994	0.570089	1 C3orf38	-
ENSG00000233237	0.439833	2.020348	0.570106	1 LINC00472	-
ENSG00000177628	-0.404892	3.650273	0.570207	1 GBA	K01201
ENSG00000181027	-0.398718	3.646689	0.570207	1 FKRPF	-
ENSG00000148248	0.395702	3.638226	0.570207	1 SURF4	-
ENSG00000018699	-0.376072	5.373266	0.570338	1 TTC27	-
ENSG00000173068	-0.416433	2.546157	0.570342	1 BNC2	-
ENSG00000107816	0.373812	6.709878	0.570524	1 LZTS2	-
ENSG00000149231	-0.37775	5.528353	0.570557	1 CCDC82	-
ENSG00000160685	0.373402	6.914552	0.570578	1 ZBTB7B	K10494
ENSG00000096746	-0.371992	8.262299	0.57066	1 HNRNPH3	K12898
ENSG00000189067	0.3726	7.443611	0.570663	1 LITAF	K19363
ENSG00000173156	0.37581	5.298886	0.57071	1 RHOD	K07530
ENSG00000171150	0.375535	5.777818	0.570777	1 SOCS5	K04698
ENSG00000128641	-0.374521	6.325578	0.570837	1 MYO1B	K10356
ENSG00000233429	-0.384923	4.111856	0.570861	1 HOTAIRM1	-
ENSG00000100345	0.371089	9.334465	0.570999	1 MYH9	K10352
ENSG00000083457	-0.3858	4.566506	0.571115	1 ITGAE	K06524
ENSG00000096872	-0.39268	3.799158	0.571118	1 IFT74	K19679
ENSG00000151445	-0.401359	3.614896	0.571291	1 VIPAS39	-
ENSG00000133056	0.372863	6.818955	0.5713	1 PIK3C2B	K00923
ENSG00000105245	0.379314	5.044493	0.571511	1 NUMBL	K06057

ENSG00000113387	-0.370848	8.758571	0.571539	1 SUB1	K15040
ENSG00000100056	0.379753	4.640026	0.571568	1 DGCR14	K13118
ENSG00000143882	-0.419628	2.273916	0.571582	1 ATP6V1C2	K02148
ENSG00000171960	-0.382428	4.590315	0.571192	1 PPIH	K09567
ENSG00000171791	0.370902	7.787535	0.572063	1 BCL2	K02161
ENSG00000120690	-0.383018	4.882241	0.572189	1 ELF1	K09428
ENSG00000136982	-0.376098	5.837166	0.572251	1 DSCC1	K11271
ENSG00000164920	-0.387199	4.372981	0.572276	1 OSR2	K09215
ENSG00000196663	0.404561	3.247779	0.572349	1 TECPR2	K13182
ENSG00000177105	0.375098	6.049265	0.572496	1 RHOG	K07863
ENSG00000160401	0.433972	2.446985	0.572659	1 C9orf117	K01056
ENSG00000122490	0.376867	5.294414	0.572747	1 PQLC1	-
ENSG00000153721	-0.408857	3.361522	0.572833	1 CNKSR3	K17536
ENSG00000164086	-0.38445	4.782361	0.572852	1 DUSP7	K04459
ENSG00000139719	-0.381647	4.780758	0.572852	1 VPS33A	-
ENSG00000235919	-0.445301	1.950021	0.573297	1 ASH1L-AS1	-
ENSG00000152611	-0.690626	0.238055	0.573302	1 CAPSL	-
ENSG00000152926	-0.690626	0.238055	0.573302	1 ZNF117	K09228
ENSG00000174586	-0.690626	0.238055	0.573302	1 ZNF497	-
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ENSG00000258315	-0.690626	0.238055	0.573302	1 C17orf49	-
ENSG00000266680	-0.690626	0.238055	0.573302	1 RP5-1148A21.3	-
ENSG00000271133	-0.690626	0.238055	0.573302	1 CTA-293F17.1	-
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ENSG00000198569	0.653578	0.16233	0.573302	1 SLC34A3	K14683
ENSG00000205746	0.653578	0.16233	0.573302	1 RP11-1212A22.1	K04985
ENSG00000213999	0.653578	0.16233	0.573302	1 MEF2B	K09261
ENSG00000241741	0.653578	0.16233	0.573302	1 RPL7AP30	K02936
ENSG00000243279	0.653578	0.16233	0.573302	1 PRAF2	-
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ENSG00000256391	0.653578	0.16233	0.573302	1 SDIM1	-
ENSG00000273382	0.653578	0.16233	0.573302	1 RP5-1065J22.8	-
ENSG00000109133	-0.371624	6.594716	0.573317	1 TMEM33	-
ENSG00000121858	-0.543243	1.131148	0.573359	1 TNFSF10	K04721
ENSG00000230850	-0.543243	1.131148	0.573359	1 RP11-782C8.1	-
ENSG00000269928	-0.543243	1.131148	0.573359	1 RP11-849F2.8	-
ENSG00000120051	0.529156	1.059255	0.573359	1 CCDC147	-
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ENSG00000242861	0.529156	1.059255	0.573359	1 RP11-285F7.2	-
ENSG00000198948	-0.505931	1.108407	0.573359	1 MFAP3L	-
ENSG00000227799	-0.505931	1.108407	0.573359	1 AC012358.4	-
ENSG00000259065	-0.505931	1.108407	0.573359	1 RP5-1021I20.1	-
ENSG00000120093	0.477008	1.083502	0.573359	1 HOXB3	K09303
ENSG00000244625	0.477008	1.083502	0.573359	1 CTA-211A9.5	-
ENSG00000038532	0.3769	5.24546	0.573377	1 CLEC16A	K19513
ENSG00000060762	-0.4136	2.64764	0.573479	1 MPC1	-
ENSG00000072864	0.381169	4.707138	0.573769	1 NDE1	K10352
ENSG00000142686	0.381169	4.707138	0.573769	1 C1orf216	-
ENSG00000159788	0.39256	2.770872	0.574122	1 RGS12	K16449
ENSG00000130762	0.373971	5.486943	0.574297	1 ARHGEF16	K13744
ENSG00000105810	-0.370505	6.645894	0.574358	1 CDK6	K02091
ENSG00000136699	0.370163	6.242663	0.574434	1 SMPD4	K12353
ENSG00000172660	0.385695	4.055037	0.574451	1 TAF15	K14651
ENSG0000013588	0.367515	9.842906	0.574571	1 GPRC5A	K08468
ENSG00000144034	-0.37756	5.091896	0.57459	1 TPRKB	K15901
ENSG00000159023	0.376051	4.952447	0.574641	1 EPB41	K06107
ENSG00000072134	0.373435	5.497677	0.5747	1 EPN2	K12471
ENSG00000213563	-0.376946	4.807569	0.574704	1 C8orf82	-

ENSG00000145388	-0.3772	4.406339	0.574728	1	METTL14	K05925
ENSG00000104375	-0.371306	6.22089	0.574786	1	STK3	K04412
ENSG00000066926	-0.37603	4.843088	0.574816	1	FECH	K01772
ENSG00000233270	-0.384508	4.181092	0.574829	1	SNRPEP4	K11097
ENSG00000035862	0.367721	8.478529	0.574857	1	TIMP2	-
ENSG00000152409	0.373719	5.562322	0.574904	1	JMY	-
ENSG00000099783	-0.367549	8.62469	0.575031	1	HNRNPM	K12887
ENSG00000138623	-0.393104	3.593151	0.575153	1	SEMA7A	K06529
ENSG00000189079	-0.376066	5.281689	0.575184	1	ARID2	K11765
ENSG00000116954	0.37138	5.802424	0.575298	1	RRAGC	K16186
ENSG00000006695	-0.380194	4.622658	0.575383	1	COX10	K02257
ENSG00000162601	-0.371912	5.61934	0.575397	1	MYSM1	K11865
ENSG00000179818	0.400975	3.147443	0.575425	1	PCBP1-AS1	-
ENSG00000164885	-0.378575	4.927533	0.575616	1	CDK5	K02090
ENSG00000100650	-0.367801	7.498048	0.57573	1	SRSF5	K12893
ENSG00000225791	-0.489755	1.531448	0.575777	1	TRAM2-AS1	-
ENSG00000244363	0.471449	1.460711	0.575777	1	RPL7P23	K02937
ENSG00000204775	0.408511	2.541154	0.575816	1	KM-PA-2	K14824
ENSG00000159216	0.372055	5.389704	0.575886	1	RUNX1	K08367
ENSG00000105639	0.403232	3.358911	0.575988	1	JAK3	K11218
ENSG00000105538	-0.367529	7.324544	0.576239	1	RASIP1	-
ENSG00000164073	-0.387144	4.014965	0.576266	1	MFSD8	K12307
ENSG00000119801	0.369452	6.230427	0.576347	1	YPEL5	-
ENSG00000167740	-0.382489	3.552481	0.576412	1	CYB5D2	-
ENSG00000184640	0.366675	7.747392	0.576483	1		9-Sep K16938
ENSG00000155903	-0.373986	4.668119	0.576785	1	RASA2	K08053
ENSG00000166750	-0.368704	6.039096	0.576903	1	SLFN5	K12581
ENSG00000177873	-0.436227	1.830843	0.576985	1	ZNF619	K09228
ENSG00000185267	-0.436227	1.830843	0.576985	1	CDNF	-
ENSG00000164306	-0.388455	3.854666	0.577008	1	PRIMPOL	-
ENSG00000119041	-0.374232	5.386933	0.577038	1	GTF3C3	K15201
ENSG00000126773	-0.380753	4.437012	0.577078	1	PCNXL4	K02927
ENSG00000100605	0.37031	5.632186	0.577084	1	ITPK1	K00913
ENSG00000100726	-0.367925	6.168905	0.577118	1	TELO2	K11137
ENSG00000163545	-0.399928	3.115478	0.57712	1	NUAK2	K08800
ENSG00000213430	-0.399928	3.115478	0.57712	1	HSPD1P1	K04077
ENSG00000183092	0.369759	5.453249	0.57715	1	BEGAIN	-
ENSG00000174775	-0.376034	4.885184	0.577154	1	HRAS	K02833
ENSG00000119707	-0.366735	7.224171	0.577207	1	RBM25	K12822
ENSG00000170264	-0.395314	3.227278	0.577313	1	FAM161A	K16772
ENSG00000139926	-0.372841	4.610124	0.577344	1	FRMD6	K16822
ENSG00000136146	-0.369089	5.778562	0.577602	1	MED4	K15146
ENSG00000083844	0.427746	2.063358	0.577675	1	ZNF264	K09228
ENSG00000203667	-0.419496	2.089919	0.577675	1	COX20	K18184
ENSG00000111906	-0.369599	6.064176	0.57768	1	HDCC2	K07023
ENSG00000185896	0.364766	8.959137	0.577697	1	LAMP1	K06528
ENSG00000116497	-0.372845	5.316163	0.57774	1	S100PBP	-
ENSG00000183495	0.369534	5.978559	0.577837	1	EP400	K11320
ENSG00000167904	-0.376049	5.060746	0.577903	1	TMEM68	-
ENSG00000187790	-0.385055	3.82402	0.578095	1	FANCM	K10896
ENSG00000076641	0.409959	2.277696	0.578107	1	PAG1	K06115
ENSG00000088256	0.367442	6.149191	0.578243	1	GNA11	K04635
ENSG00000141503	0.365633	7.024897	0.578445	1	MINK1	K04413
ENSG00000148426	-0.368978	5.756054	0.57848	1	PROSER2	-
ENSG00000140950	-0.375981	4.395967	0.578553	1	TLDC1	K12581
ENSG00000169554	-0.426072	2.655003	0.578596	1	ZEB2	K09299
ENSG00000233223	0.411647	2.642775	0.578596	1	AC113189.5	-
ENSG00000115677	0.363832	9.111525	0.578611	1	HDLBP	-

ENSG00000225484	-0.417135	2.806721	0.578742	1 RP11-773D16.1	-
ENSG00000166526	0.370807	5.057762	0.578883	1 ZNF3	K09228
ENSG00000179119	0.370807	5.057762	0.578883	1 SPTY2D1	K15193
ENSG00000223414	0.365203	6.965675	0.578985	1 LINC00473	-
ENSG00000122484	-0.37071	5.428191	0.579003	1 RPAP2	-
ENSG00000065665	0.386508	3.785707	0.579228	1 SEC61A2	K10956
ENSG00000145332	-0.380784	3.99855	0.57927	1 KLHL8	K10446
ENSG00000247626	-0.379965	4.276796	0.579312	1 MARS2	K01874
ENSG00000237493	0.376549	4.317681	0.579318	1 RP11-603J24.7	K06109
ENSG00000130935	-0.365326	6.828035	0.579345	1 NOL11	-
ENSG00000182093	0.371058	4.631235	0.579347	1 WRB	-
ENSG00000226416	-0.542729	0.912462	0.579401	1 MRPL23-AS1	-
ENSG00000167524	0.512162	0.836355	0.579401	1 SGK494	K17529
ENSG00000267395	0.512162	0.836355	0.579401	1 AC074212.6	-
ENSG00000130024	-0.365218	6.688984	0.579741	1 PHF10	-
ENSG00000112308	-0.363394	7.908991	0.579873	1 C6orf62	-
ENSG00000197345	-0.375158	4.877754	0.579917	1 MRPL21	K02888
ENSG00000065802	0.372459	4.65583	0.579993	1 ASB1	K10323
ENSG00000141580	0.363709	7.277667	0.580088	1 WDR45B	-
ENSG00000176101	-0.3657	5.761718	0.580295	1 SSNA1	K16780
ENSG00000011243	0.366256	6.093021	0.580352	1 AKAP8L	K15978
ENSG00000106246	-0.381343	3.836294	0.580373	1 PTC1	K17710
ENSG00000138036	-0.383525	3.763998	0.580413	1 DYNC2LI1	K10417
ENSG00000154493	-0.756487	-0.20347	0.580436	1 C10orf90	K16773
ENSG00000242282	-0.756487	-0.20347	0.580436	1 AC108488.4	-
ENSG00000245648	-0.756487	-0.20347	0.580436	1 RP11-277P12.20	-
ENSG00000255145	-0.756487	-0.20347	0.580436	1 RP11-60I3.5	-
ENSG00000260669	-0.756487	-0.20347	0.580436	1 AL136419.6	-
ENSG00000264235	-0.756487	-0.20347	0.580436	1 RP13-270P17.1	-
ENSG00000267390	-0.756487	-0.20347	0.580436	1 RP11-635N19.1	-
ENSG00000273190	-0.756487	-0.20347	0.580436	1 RP11-255C15.4	-
ENSG00000273352	-0.756487	-0.20347	0.580436	1 RP11-61L19.3	-
ENSG00000010327	0.666366	-0.278753	0.580436	1 STAB1	K19020
ENSG00000066405	0.666366	-0.278753	0.580436	1 CLDN18	K06087
ENSG00000116176	0.666366	-0.278753	0.580436	1 TPSG1	K09615
ENSG00000148204	0.666366	-0.278753	0.580436	1 CRB2	K16681
ENSG00000185065	0.666366	-0.278753	0.580436	1 AC000068.5	-
ENSG00000197846	0.666366	-0.278753	0.580436	1 HIST1H2BF	K11252
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ENSG00000212998	0.666366	-0.278753	0.580436	1 RBM12B-AS1	-
ENSG00000229092	0.666366	-0.278753	0.580436	1 IGHV3-47	K06856
ENSG00000229867	0.666366	-0.278753	0.580436	1 STEAP3-AS1	-
ENSG00000254554	0.666366	-0.278753	0.580436	1 RP11-351I24.1	-
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ENSG00000270959	0.666366	-0.278753	0.580436	1 LPP-AS2	-
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ENSG00000189227	-0.38595	3.687886	0.580456	1 C15orf61	-
ENSG00000164307	-0.369335	5.389022	0.580554	1 ERAP1	K09604
ENSG00000156304	0.369255	5.383405	0.580554	1 SCAF4	K13167
ENSG00000091542	0.365374	6.347252	0.580602	1 ALKBH5	K10767
ENSG00000012983	-0.367196	5.697357	0.580651	1 MAP4K5	K08833
ENSG00000081721	-0.368291	5.185092	0.580724	1 DUSP12	K14819
ENSG00000134461	-0.389541	3.245765	0.580735	1 ANKRD16	-
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ENSG00000189298	-0.389541	3.245765	0.580735	1 ZKSCAN3	K09229
ENSG00000175395	-0.482593	1.369386	0.580886	1 ZNF25	K09228
ENSG00000135953	-0.451001	1.350337	0.580886	1 MFSD9	-

ENSG00000154240	-0.451001	1.350337	0.580886	1 CEP112	K16767
ENSG00000183426	0.395297	3.001845	0.580886	1 NPIPA1	K04985
ENSG00000215424	0.395297	3.001845	0.580886	1 MCM3AP-AS1	-
ENSG00000170296	0.364823	6.187662	0.580967	1 GABARAP	K08341
ENSG00000166669	-0.404157	2.885675	0.580972	1 ATF7IP2	-
ENSG00000061656	0.390562	2.725257	0.581063	1 SPAG4	-
ENSG00000095139	0.390562	2.725257	0.581063	1 ARCN1	K09228
ENSG00000255508	0.390562	2.725257	0.581063	1 MIR3654	K18709
ENSG00000141084	0.382424	4.112051	0.581157	1 RANBP10	-
ENSG00000273154	0.469024	1.667	0.581299	1 RP4-583P15.15	-
ENSG00000146859	-0.425356	1.700761	0.581299	1 TMEM140	-
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ENSG00000170802	-0.373785	4.542211	0.581437	1 FOXN2	K09407
ENSG00000140830	-0.385632	3.734707	0.581651	1 TXNL4B	-
ENSG00000183049	0.371678	5.099357	0.581749	1 CAMK1D	K08794
ENSG00000060656	0.364938	5.225654	0.581992	1 PTPRU	K16662
ENSG00000185305	-0.387467	3.48372	0.582017	1 ARL15	K17201
ENSG00000176531	0.375218	4.142276	0.582036	1 PHLDB3	-
ENSG00000135750	0.362145	7.019136	0.582084	1 KCNK1	K04912
ENSG00000112561	0.373275	4.558529	0.582094	1 TFEB	K15590
ENSG00000116161	-0.36139	7.746025	0.58212	1 CACYBP	K04507
ENSG00000179632	-0.361512	7.532303	0.582229	1 MAF1	-
ENSG00000139746	-0.362277	6.906418	0.582367	1 RBM26	K13192
ENSG00000116586	-0.366845	5.382737	0.582519	1 LAMTOR2	-
ENSG00000171163	-0.367206	5.531197	0.582572	1 ZNF692	-
ENSG00000213339	-0.364872	5.586006	0.582798	1 QTRT1	K00773
ENSG00000149089	-0.365043	5.79837	0.582923	1 APIP	K08964
ENSG00000196705	-0.392548	2.960551	0.582985	1 ZNF431	K04613
ENSG00000116898	-0.361562	6.960858	0.583015	1 MRPS15	K02956
ENSG00000002919	-0.373646	4.461026	0.583034	1 SNX11	K17924
ENSG00000139496	-0.363909	6.070065	0.583058	1 NUPL1	K14307
ENSG00000092621	-0.359482	9.375726	0.583108	1 PHGDH	K00058
ENSG00000122644	-0.363452	5.82642	0.583146	1 ARL4A	K07945
ENSG00000182400	-0.374773	4.41456	0.583148	1 TRAPPC6B	-
ENSG00000185404	-0.39794	2.824892	0.583268	1 SP140L	-
ENSG00000211450	-0.364838	5.512136	0.583332	1 C11orf31	-
ENSG00000198931	-0.361522	6.807871	0.583341	1 APRT	K00759
ENSG00000100422	0.364749	5.466226	0.583453	1 CERK	K04715
ENSG00000129173	-0.404556	2.67512	0.583598	1 E2F8	K09391
ENSG00000183087	-0.404556	2.67512	0.583598	1 GAS6	K05464
ENSG00000155330	-0.368947	4.673253	0.583825	1 C16orf87	-
ENSG00000167333	-0.42665	2.516102	0.583986	1 TRIM68	K12033
ENSG00000172667	0.366426	4.956724	0.584094	1 ZMAT3	K10137
ENSG00000197321	0.366014	5.220949	0.584191	1 SVIL	K10369
ENSG00000039123	-0.360939	6.68262	0.584207	1 SKIV2L2	K12598
ENSG00000117868	0.359576	7.362581	0.584291	1 ESYT2	-
ENSG00000176890	-0.359192	7.810451	0.58435	1 TYMS	K00560
ENSG00000263072	0.394552	3.132658	0.584434	1 RP11-473M20.14	-
ENSG00000253309	-0.439356	2.328153	0.584446	1 SERPINE3	-
ENSG00000177764	-0.423618	2.318798	0.584446	1 ZCCHC3	-
ENSG00000010818	0.372178	4.2385	0.584461	1 HIVEP2	-
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ENSG00000161682	0.367133	4.941079	0.584671	1 FAM171A2	-
ENSG00000096696	0.357834	9.247217	0.58483	1 DSP	K10381
ENSG00000158050	0.363249	5.981331	0.584839	1 DUSP2	K04459
ENSG00000156853	-0.382732	3.499226	0.584863	1 ZNF689	K09228
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ENSG00000113319	-1.099898	-0.754197	0.585507	1 RASGRF2	K12326
ENSG00000123965	-1.099898	-0.754197	0.585507	1 PMS2P5	K10858
ENSG00000136327	-1.099898	-0.754197	0.585507	1 NKX2-8	K09347
ENSG00000158423	-1.099898	-0.754197	0.585507	1 RIBC1	-
ENSG00000183054	-1.099898	-0.754197	0.585507	1 RGPD6	K12172
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ENSG00000204377	-0.933277	-0.848055	0.585507	1 C1orf134	-
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ENSG00000258136	0.698443	-0.91035	0.585507	1 RP11-864J10.4	-
ENSG00000260978	0.698443	-0.91035	0.585507	1 RP11-73C9.1	-
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ENSG00000268584	0.698443	-0.91035	0.585507	1 RP11-464F9.20	-
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ENSG00000271857	0.698443	-0.91035	0.585507	1 RP1-244F24.1	-
ENSG00000273188	0.698443	-0.91035	0.585507	1 RP3-402G11.25	-
ENSG00000214765	-0.375914	3.956793	0.585546	1 SEPT7P2	K16944
ENSG00000130517	-0.388954	3.309039	0.585567	1 PGPEP1	K01304
ENSG00000108666	-0.369431	4.557145	0.585577	1 C17orf75	-
ENSG00000175294	0.422905	1.825426	0.585652	1 CATSPER1	K16889
ENSG00000185670	0.422905	1.825426	0.585652	1 ZBTB3	K10490
ENSG00000174456	0.378306	3.620756	0.585727	1 C12orf76	-
ENSG00000147684	-0.357804	7.869876	0.585745	1 NDUFB9	K03965
ENSG00000071655	-0.359789	6.529901	0.585752	1 MBD3	K11591
ENSG00000154059	-0.372045	4.303596	0.585923	1 IMPACT	-
ENSG00000173933	0.367825	4.464215	0.585953	1 RBM4	K13187
ENSG00000143751	0.360276	5.485963	0.585954	1 SDE2	K17985
ENSG00000165338	-0.368696	4.624377	0.585976	1 HECTD2	K12232
ENSG00000013523	-0.375831	3.548635	0.58608	1 ANGEL1	K18729
ENSG00000103187	-0.357642	7.604964	0.586188	1 COTL1	-
ENSG00000213465	-0.363631	5.502509	0.586261	1 ARL2	K07943
ENSG00000196235	0.357948	7.128962	0.586302	1 SUPT5H	K15172
ENSG00000109111	0.358099	6.975103	0.586377	1 SUPT6H	K11292
ENSG00000066230	0.452237	1.523758	0.586413	1 SLC9A3	K12040
ENSG00000249592	0.452237	1.523758	0.586413	1 RP11-440L14.1	-
ENSG00000107864	0.386325	3.081944	0.586478	1 CPEB3	K02602
ENSG00000096717	-0.362231	5.588739	0.586541	1 SIRT1	K11411
ENSG00000175213	0.36657	4.322156	0.586613	1 ZNF408	-
ENSG00000138101	0.368364	3.663104	0.586817	1 DTNB	-
ENSG00000162929	-0.367288	4.564555	0.58694	1 KIAA1841	-
ENSG00000145907	-0.356725	7.778915	0.586963	1 G3BP1	K17265
ENSG00000198911	0.356828	7.45234	0.58706	1 SREBF2	K09107
ENSG00000173715	0.371244	4.22213	0.587131	1 C11orf80	-

ENSG00000072518	0.36846	4.513116	0.587162	1 MARK2	K08798
ENSG00000118690	0.50037	1.142083	0.587167	1 ARMC2	-
ENSG00000242599	0.50037	1.142083	0.587167	1 CSAG4	-
ENSG00000234129	-0.473344	1.18642	0.587167	1 RP11-120D5.1	-
ENSG00000145217	-0.541987	0.653808	0.587191	1 SLC26A1	K14700
ENSG00000150281	-0.541987	0.653808	0.587191	1 CTF1	K05422
ENSG00000180096	-0.541987	0.653808	0.587191	1	1-Sep K13737
ENSG00000198835	-0.541987	0.653808	0.587191	1 GJC2	K07619
ENSG00000250151	-0.541987	0.653808	0.587191	1 ARPC4-TTLL3	K05755
ENSG00000258659	-0.541987	0.653808	0.587191	1 TRIM34	K11999
ENSG00000261408	-0.541987	0.653808	0.587191	1 TEN1-CDK3	-
ENSG00000204370	-0.359611	5.806223	0.587311	1 SDHD	K00237
ENSG00000168297	-0.381504	3.792706	0.587438	1 P XK	K17543
ENSG00000123136	0.356683	7.17953	0.587555	1 DDX39A	K13182
ENSG00000164904	-0.357335	6.886593	0.587563	1 ALDH7A1	K14085
ENSG00000143228	-0.36009	5.887609	0.587715	1 NUF2	K11548
ENSG00000167085	-0.355674	8.012184	0.587848	1 PHB	K17080
ENSG00000167978	0.355184	8.612218	0.587871	1 SRRM2	K13172
ENSG00000116120	-0.35925	6.216805	0.588015	1 FARSB	K01890
ENSG00000148384	-0.379036	4.060222	0.588066	1 INPP5E	K01099
ENSG00000176124	-0.3652	4.71051	0.588097	1 DLEU1	-
ENSG00000185883	0.360702	5.22331	0.588133	1 ATP6V0C	K02155
ENSG00000067836	0.367089	4.198442	0.588141	1 ROGDI	-
ENSG00000105393	-0.359621	6.02775	0.588207	1 BABAM1	-
ENSG00000112742	-0.357368	6.535112	0.588268	1 TTK	K08866
ENSG00000136932	-0.386289	3.639492	0.588293	1 C9orf156	-
ENSG00000135480	-0.354342	10.07927	0.58831	1 KRT7	K07605
ENSG00000196083	-0.358269	6.07593	0.588416	1 IL1RAP	K04723
ENSG00000106780	0.366657	4.725581	0.58859	1 MEGF9	K17985
ENSG00000166831	-0.383585	3.32652	0.588751	1 RBPMS2	-
ENSG00000205323	0.380582	3.307095	0.588751	1 SARNP	K18732
ENSG00000074964	0.372358	3.922464	0.588826	1 ARHGGEF10L	K16727
ENSG00000225921	-0.355148	7.530914	0.588886	1 NOL7	-
ENSG00000105520	0.357087	6.021095	0.588997	1 DKFZP761J1410	K19581
ENSG00000174132	-0.363482	4.843044	0.589052	1 FAM174A	-
ENSG00000256393	0.42631	1.988286	0.589173	1 AC138123.2	K02928
ENSG00000119335	-0.353453	9.541392	0.589376	1 SET	K11290
ENSG00000174109	-0.363451	5.028882	0.589414	1 C16orf91	-
ENSG00000115556	0.398739	2.518731	0.589438	1 PLCD4	K05857
ENSG00000183814	-0.361005	4.862735	0.589489	1 LIN9	-
ENSG00000126522	-0.370021	4.126837	0.589564	1 ASL	K01755
ENSG00000170473	-0.357995	5.590559	0.58961	1 WIBG	K14294
ENSG00000160917	-0.35919	5.191084	0.589699	1 CPSF4	K14404
ENSG00000183340	-0.359895	5.570428	0.589758	1 JRKL	-
ENSG00000077150	-0.353744	7.743615	0.590126	1 NFKB2	-
ENSG00000075539	0.362745	4.841966	0.590165	1 FRYL	-
ENSG00000178105	-0.360416	5.412853	0.590172	1 DDX10	K14776
ENSG00000139239	0.357637	5.993783	0.590212	1 RPL14P1	K02875
ENSG00000267121	0.366797	3.995918	0.590415	1 CTD-2020K17.1	-
ENSG00000167767	0.352919	8.057061	0.590597	1 KRT80	K07605
ENSG00000009780	-0.411961	2.353186	0.590607	1 FAM76A	K08834
ENSG00000186591	0.353478	7.368146	0.590672	1 UBE2H	K10576
ENSG00000177889	-0.354983	6.522792	0.590792	1 UBE2N	K10580
ENSG00000090447	-0.361013	5.094428	0.59089	1 TFAP4	K09108
ENSG00000204922	-0.361013	5.094428	0.59089	1 C11orf83	K15696
ENSG00000138835	-0.39554	2.988523	0.591024	1 RGS3	K07524
ENSG00000135655	0.354155	6.33856	0.591178	1 USP15	K11835
ENSG00000174564	-0.356079	5.748757	0.591321	1 IL20RB	K05137

ENSG00000182919	0.357352	5.150983	0.591345	1 C11orf54	-
ENSG00000185621	-0.388326	2.632789	0.591473	1 LMLN	K13539
ENSG00000066735	0.353922	6.288862	0.591593	1 KIF26A	K10404
ENSG00000102054	0.35128	9.126146	0.591754	1 RBBP7	K11659
ENSG00000144354	-0.354845	6.197855	0.591957	1 CDCA7	-
ENSG00000149499	-0.357526	5.467312	0.592013	1 EML3	K18596
ENSG00000133874	-0.424038	2.140857	0.592079	1 RNF122	K15699
ENSG00000188643	-0.351519	8.063027	0.59217	1 S100A16	-
ENSG00000136810	-0.350952	8.863553	0.592263	1 TXN	K03671
ENSG00000162783	-0.352697	6.919537	0.592362	1 IER5	-
ENSG00000053770	-0.359265	4.707134	0.592513	1 AP5M1	K19023
ENSG00000247708	0.472978	1.345477	0.592573	1 STX18-AS1	-
ENSG00000186806	0.431361	1.365073	0.592573	1 VSIG10L	-
ENSG00000134717	-0.354593	6.006123	0.59271	1 BTF3L4	K01527
ENSG00000184208	-0.372285	3.845354	0.592804	1 C22orf46	-
ENSG00000158195	0.352041	6.823923	0.59298	1 WASF2	K05748
ENSG00000219200	-0.366404	4.428808	0.592998	1 RNASEK	K19770
ENSG00000147044	-0.362794	4.42675	0.592998	1 CASK	K06103
ENSG00000148362	-0.354274	5.755259	0.593101	1 C9orf142	-
ENSG00000165487	-0.355167	5.424113	0.59316	1 MICU2	-
ENSG00000118518	-0.371542	4.139333	0.593184	1 RNF146	-
ENSG00000156381	0.354854	5.456256	0.5932	1 ANKRD9	-
ENSG00000029363	-0.352103	6.789819	0.593232	1 BCLAF1	K13087
ENSG00000135446	-0.351099	7.446351	0.593243	1 CDK4	-
ENSG00000101216	0.357298	5.128557	0.593398	1 GMEB2	-
ENSG00000174669	-0.353757	5.658019	0.593402	1 SLC29A2	K15014
ENSG00000123843	-0.350007	8.492701	0.593458	1 C4BPB	K04003
ENSG00000215158	-0.389434	2.932021	0.593564	1 RP11-1023L17.1	K01195
ENSG00000237190	-0.353377	5.728257	0.593668	1 CDKN2AIPNL	K12581
ENSG00000133816	-0.360653	4.652469	0.593679	1 MICAL2	-
ENSG00000186908	-0.357384	4.713816	0.593726	1 ZDHHC17	K18932
ENSG00000139517	0.365301	4.073617	0.593736	1 LNX2	K10692
ENSG00000160392	0.365301	4.073617	0.593736	1 C19orf47	-
ENSG00000130150	-0.355961	4.880666	0.593845	1 MOSPD2	-
ENSG00000088280	0.361607	4.324387	0.593916	1 ASAP3	K12488
ENSG00000130669	0.351786	6.001334	0.594027	1 PAK4	K05734
ENSG00000163002	-0.357874	4.674917	0.594109	1 NUP35	K14313
ENSG00000062582	0.354125	5.829691	0.594118	1 MRPS24	K17403
ENSG00000121690	0.356962	5.400151	0.594136	1 DEPDC7	-
ENSG00000140455	0.352166	5.961005	0.594176	1 USP3	K11986
ENSG00000127666	0.353751	5.506401	0.594182	1 TICAM1	K05842
ENSG00000239672	-0.35015	7.490363	0.594187	1 NME1	K00940
ENSG00000141526	0.348906	9.208852	0.594228	1 SLC16A3	K08180
ENSG00000154229	0.35349	5.698809	0.594258	1 PRKCA	K02677
ENSG00000100564	-0.363325	4.202478	0.594397	1 PIGH	K03858
ENSG00000088836	0.419815	2.240736	0.594519	1 SLC4A11	K13862
ENSG00000023318	0.349661	7.400208	0.594648	1 ERP44	K17264
ENSG00000162819	-0.352035	5.844837	0.594861	1 BROX	-
ENSG00000157240	-0.405923	2.800129	0.594874	1 FZD1	K02432
ENSG00000165879	0.377789	2.77771	0.594874	1 FRAT1	K03069
ENSG00000173402	0.349022	7.771225	0.594937	1 DAG1	K06265
ENSG00000100578	-0.386037	3.348247	0.594983	1 KIAA0586	-
ENSG00000174943	-0.375818	3.49523	0.59499	1 KCTD13	K15074
ENSG00000149925	0.348011	9.832605	0.595002	1 ALDOA	K01623
ENSG00000007516	0.538229	0.905334	0.595081	1 BAIAP3	K15621
ENSG00000142408	0.538229	0.905334	0.595081	1 CACNG8	K04873
ENSG00000271971	0.538229	0.905334	0.595081	1 CTD-2006H14.2	-
ENSG00000257261	0.479736	0.932498	0.595081	1 RP11-96H19.1	-

ENSG00000105402	0.351704	6.129211	0.59515	1 NAPA	K15296
ENSG00000184857	-0.357513	4.796508	0.595307	1 TMEM186	-
ENSG00000259781	-0.350793	6.473399	0.595307	1 RP11-673C5.1	K10802
ENSG00000140694	-0.353593	5.360521	0.595404	1 PARN	K01148
ENSG00000164751	-0.358784	5.157126	0.595494	1 PEX2	-
ENSG00000130309	-0.34831	8.113243	0.595511	1 COLGALT1	K11703
ENSG00000103512	0.349949	6.625546	0.595553	1 NOMO1	-
ENSG00000105821	-0.350058	6.615926	0.595746	1 DNAJC2	K09522
ENSG00000156030	0.355745	5.169411	0.59578	1 ELMSAN1	K12581
ENSG00000169592	-0.356161	5.49379	0.59582	1 INO80E	K11669
ENSG00000170445	-0.349935	6.2886	0.596063	1 HARS	K01892
ENSG00000119862	-0.361093	4.12173	0.596181	1 LGALSL	-
ENSG0000019485	-0.393523	2.87945	0.596309	1 PRDM11	-
ENSG00000132825	-0.393523	2.87945	0.596309	1 PPP1R3D	K07189
ENSG00000178082	0.382284	2.86443	0.596309	1 TWF1P1	K08870
ENSG00000133812	0.352996	5.527505	0.596483	1 SBF2	K18061
ENSG00000050555	0.350752	5.794506	0.59658	1 LAMC3	K06247
ENSG00000264538	0.366637	3.700754	0.596589	1 SUZ12P	K17985
ENSG00000134815	-0.357628	4.874714	0.596723	1 DHX34	-
ENSG00000213918	0.357796	3.854458	0.597147	1 DNASE1	K11994
ENSG00000148411	0.351798	5.541719	0.597374	1 NACC2	K10486
ENSG00000012211	0.684418	0.269641	0.597593	1 PRICKLE3	K04511
ENSG00000138744	0.684418	0.269641	0.597593	1 NAAA	K13720
ENSG00000186326	0.684418	0.269641	0.597593	1 RGS9BP	-
ENSG00000204209	0.684418	0.269641	0.597593	1 DAXX	K02308
ENSG00000230071	0.684418	0.269641	0.597593	1 RPL4P6	K02930
ENSG00000231503	0.684418	0.269641	0.597593	1 PTMAP4	K13784
ENSG00000243926	0.684418	0.269641	0.597593	1 TIPARP-AS1	-
ENSG00000260806	0.684418	0.269641	0.597593	1 RP11-872J21.3	-
ENSG00000261643	0.684418	0.269641	0.597593	1 RP11-529E10.6	-
ENSG00000269951	0.684418	0.269641	0.597593	1 RP11-797A18.6	-
ENSG00000008323	-0.60742	0.377228	0.597593	1 PLEKHG6	K10408
ENSG00000126953	-0.60742	0.377228	0.597593	1 TIMM8A	K17780
ENSG00000232640	-0.60742	0.377228	0.597593	1 RP1-266L20.2	-
ENSG00000236921	-0.60742	0.377228	0.597593	1 RP11-408N14.1	-
ENSG00000245848	-0.60742	0.377228	0.597593	1 CEBPA	K09055
ENSG00000266501	-0.60742	0.377228	0.597593	1 RP11-766H1.1	K08336
ENSG00000186831	-0.540826	0.33714	0.597593	1 KRT17P2	K07604
ENSG00000246922	-0.540826	0.33714	0.597593	1 UBAP1L	K09488
ENSG00000165572	0.349666	5.365414	0.597708	1 KBTBD6	K10474
ENSG00000183137	-0.354059	4.68855	0.5978	1 CEP57L1	K16762
ENSG00000058804	-0.347101	7.181464	0.59782	1 NDC1	K14315
ENSG00000110315	-0.352724	4.997671	0.597893	1 RNF141	K11447
ENSG00000168405	-0.399377	2.735525	0.597951	1 CMAHP	K08080
ENSG00000148219	-0.38752	2.728579	0.597951	1 ASTN2	-
ENSG00000140092	0.360532	3.786052	0.598011	1 FBLN5	K17340
ENSG00000246067	0.372232	3.342298	0.598032	1 RAB30-AS1	-
ENSG00000155755	-0.353657	4.844534	0.598236	1 TMEM237	-
ENSG00000185917	-0.373835	3.680898	0.598263	1 SETD4	K02927
ENSG00000143878	0.345171	8.731363	0.598365	1 RHOB	K07856
ENSG00000131732	-0.354147	5.182662	0.598397	1 ZCCHC9	K17578
ENSG00000246273	-0.369159	3.93969	0.598406	1 SBF2-AS1	-
ENSG00000121879	-0.350876	4.983894	0.598591	1 PIK3CA	K00922
ENSG00000134744	0.347967	6.214488	0.5987	1 ZCCHC11	K13291
ENSG00000133030	0.345261	7.970173	0.598739	1 MPRIP	-
ENSG00000124733	-0.349291	5.767373	0.598761	1 MEA1	K13980
ENSG00000115761	-0.354433	5.154662	0.598764	1 NOL10	K14788
ENSG00000091039	-0.349135	5.832599	0.598771	1 OSBPL8	-

ENSG00000127955	-0.347045	6.646852	0.598851	1 GNAI1	K04630
ENSG00000150401	0.354611	4.878288	0.598865	1 DCUN1D2	K17822
ENSG00000248370	-0.410814	2.179677	0.598935	1 RP11-366H4.1	-
ENSG00000182858	0.371157	3.710783	0.598964	1 ALG12	K03847
ENSG00000169020	-0.352093	5.268093	0.599015	1 ATP5I	K02129
ENSG00000198265	0.354508	4.688645	0.599017	1 HELZ	-
ENSG00000188725	-0.346633	6.759043	0.599051	1 SMIM15	-
ENSG00000006007	0.345634	7.254755	0.599078	1 GDE1	K19179
ENSG00000236088	-0.386814	2.818384	0.599287	1 COX10-AS1	-
ENSG00000253669	0.38622	2.796521	0.599287	1 KB-1732A1.1	-
ENSG00000136933	-0.349941	5.586011	0.599292	1 RABEPK	-
ENSG00000080819	-0.351472	4.971387	0.599304	1 CPOX	K00228
ENSG00000106404	-0.375843	3.60013	0.599312	1 CLDN15	K06087
ENSG00000125843	0.377264	3.243722	0.599327	1 AP5S1	K19024
ENSG00000113621	-0.350089	5.472252	0.599418	1 TXNDC15	-
ENSG00000130254	0.346821	5.998579	0.599498	1 SAFB2	-
ENSG00000011105	0.354369	4.001547	0.599547	1 TSPAN9	K17350
ENSG00000139372	-0.347163	6.247704	0.599596	1 TDG	K03649
ENSG00000033122	-0.431048	1.767289	0.599598	1 LRRC7	-
ENSG00000092931	-0.362539	3.766942	0.599625	1 MFSD11	K12891
ENSG00000093144	-0.347376	6.207386	0.599735	1 ECHDC1	K18426
ENSG00000135503	0.356014	4.425986	0.599843	1 ACVR1B	K13567
ENSG00000149930	0.350316	5.322152	0.599911	1 TAOK2	K04429
ENSG00000099901	-0.344198	8.029107	0.599925	1 RANBP1	K15306
ENSG00000171551	0.34346	9.166026	0.600002	1 ECEL1	K09610
ENSG00000006118	-0.345431	6.874751	0.600096	1 TMEM132A	K17599
ENSG00000157895	-0.358681	4.166302	0.600247	1 C12orf43	-
ENSG00000160055	-0.378102	3.514569	0.600483	1 TMEM234	K03246
ENSG00000166997	0.35707	4.476172	0.600617	1 CNPY4	-
ENSG00000136463	-0.347718	5.634417	0.600643	1 TACO1	K18189
ENSG00000123552	-0.366855	3.842236	0.600841	1 USP45	K11844
ENSG00000157554	0.351871	4.49969	0.600985	1 ERG	K09435
ENSG00000146476	-0.350994	5.490872	0.601015	1 C6orf211	-
ENSG00000065457	-0.368262	3.377738	0.601038	1 ADAT1	K15440
ENSG00000182979	0.368209	3.359579	0.601038	1 MTA1	K11660
ENSG00000132406	-0.360695	3.373376	0.601038	1 TMEM128	-
ENSG00000031691	-0.347674	5.026159	0.601086	1 CENPQ	K11509
ENSG00000144401	-0.355957	4.681749	0.601114	1 METTL21A	-
ENSG00000174106	-0.352638	4.83689	0.601216	1 LEMD3	K19410
ENSG00000183010	-0.343375	7.570669	0.601247	1 PYCR1	K00286
ENSG00000159403	0.34539	6.092975	0.60138	1 C1R	K01330
ENSG00000007384	0.351072	4.852687	0.601497	1 RHBDF1	-
ENSG00000112304	-0.344793	6.488126	0.601592	1 ACOT13	K17362
ENSG00000105072	-0.365207	3.610769	0.601862	1 C19orf44	-
ENSG00000174231	0.342069	8.287316	0.601895	1 PRPF8	K12856
ENSG00000110318	-0.424592	1.937652	0.602008	1 KIAA1377	-
ENSG00000140465	-0.424592	1.937652	0.602008	1 CYP1A1	K07408
ENSG00000171084	-0.424592	1.937652	0.602008	1 FAM86JP	K03842
ENSG00000134897	-0.350529	4.964388	0.602041	1 BIVM	K10846
ENSG00000147883	0.343237	6.927839	0.60209	1 CDKN2B	K04685
ENSG00000164022	-0.344375	6.402209	0.602255	1 AIMP1	K15437
ENSG00000184489	0.402827	2.374003	0.602421	1 PTP4A3	K18041
ENSG00000063180	0.359404	4.076282	0.602421	1 CA11	-
ENSG00000075089	-0.348357	5.34767	0.602439	1 ACTR6	K11662
ENSG00000139350	-0.348357	5.34767	0.602439	1 NEDD1	K16547
ENSG00000183765	-0.34321	6.863147	0.602466	1 CHEK2	K06641
ENSG00000014824	-0.344645	6.144411	0.602511	1 SLC30A9	K14696
ENSG00000254101	-0.373471	3.475627	0.602513	1 RP11-30J20.1	-

ENSG00000107796	-0.379487	2.754593	0.602528	1 ACTA2	K12313
ENSG00000178537	0.372891	3.262223	0.602535	1 SLC25A20	K15109
ENSG00000166295	-0.34316	6.771935	0.602695	1 ANAPC16	K02927
ENSG00000088682	-0.344177	5.929186	0.602709	1 COQ9	K18587
ENSG00000114904	-0.355665	4.345011	0.602763	1 NEK4	K08857
ENSG00000185697	-0.343586	6.046453	0.602897	1 MYBL1	K09421
ENSG00000135317	-0.345976	5.67355	0.602982	1 SNX14	K17926
ENSG00000187961	-0.348992	4.969984	0.60304	1 KLHL17	K10454
ENSG00000170525	0.349707	5.240854	0.603289	1 PFKFB3	K01103
ENSG00000219201	-0.3818	3.104919	0.603439	1 RP11-181C21.4	-
ENSG00000109320	-0.351319	4.864206	0.603644	1 NFKB1	K02580
ENSG00000003400	-0.486388	1.452725	0.603651	1 CASP10	K04400
ENSG00000162999	-0.486388	1.452725	0.603651	1 DUSP19	K14165
ENSG00000160191	0.352823	4.51321	0.603714	1 PDE9A	K13761
ENSG00000123836	-0.346095	5.501544	0.603786	1 PFKFB2	K19029
ENSG00000259865	-0.39895	2.499749	0.603804	1 RP11-488L18.10	-
ENSG00000104472	-0.342068	6.745249	0.603905	1 CHRAC1	K11656
ENSG00000100288	-0.400678	2.078761	0.603961	1 CHKB	K14156
ENSG00000137218	-0.400678	2.078761	0.603961	1 FRS3	K12461
ENSG00000163067	-0.400678	2.078761	0.603961	1 ZNF2	K09228
ENSG00000143164	0.341948	6.594945	0.604062	1 DCAF6	K11795
ENSG00000013573	-0.342951	6.210356	0.604188	1 DDX11	K11273
ENSG00000152683	-0.343902	5.93564	0.604244	1 SLC30A6	K14693
ENSG00000074266	0.343262	6.285458	0.604379	1 EED	K11462
ENSG00000205213	0.340287	7.517241	0.604431	1 LGR4	K04309
ENSG00000165525	-0.343484	5.800755	0.604596	1 NEMF	-
ENSG00000136044	-0.356089	4.374874	0.604626	1 APPL2	-
ENSG00000120860	-0.353879	3.820531	0.604656	1 CCDC53	K18463
ENSG00000173320	0.349195	4.493871	0.604769	1 STOX2	-
ENSG00000196305	-0.339291	8.516153	0.604787	1 IARS	K01870
ENSG00000132155	0.341043	6.379195	0.6048	1 RAF1	K04366
ENSG00000132639	-0.346248	5.306215	0.604824	1 SNAP25	K18211
ENSG00000127884	-0.339625	7.950419	0.604842	1 ECHS1	K07511
ENSG00000088756	0.355773	3.656345	0.604929	1 ARHGAP28	-
ENSG00000005436	-0.345814	5.121067	0.604971	1 GCFC2	K09061
ENSG00000260852	0.375489	3.210965	0.605003	1 FBXL19-AS1	-
ENSG00000177548	-0.364619	3.231324	0.605003	1 RABEP2	-
ENSG00000143416	0.340823	6.659803	0.605125	1 SELENBP1	K17285
ENSG00000107890	-0.354539	3.863311	0.605127	1 ANKRD26	K17299
ENSG00000187735	-0.339143	8.006837	0.605306	1 TCEA1	K03145
ENSG00000126247	-0.339464	7.61648	0.605344	1 CAPNS1	K08583
ENSG00000151806	-0.352873	4.547721	0.60535	1 GUF1	-
ENSG00000111452	0.520629	0.655605	0.605363	1 GPR133	K08465
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ENSG00000154310	0.520629	0.655605	0.605363	1 TNIK	K08840
ENSG00000170049	0.520629	0.655605	0.605363	1 KCNAB3	K04884
ENSG00000213213	0.520629	0.655605	0.605363	1 CCDC183	-
ENSG00000225806	0.520629	0.655605	0.605363	1 RP1-309F20.3	-
ENSG00000257093	0.520629	0.655605	0.605363	1 KIAA1147	-
ENSG00000064763	0.450813	0.688218	0.605363	1 FAR2	K13356
ENSG00000106133	0.450813	0.688218	0.605363	1 NSUN5P2	K15264
ENSG00000263327	0.450813	0.688218	0.605363	1 TAPT1-AS1	-
ENSG00000070444	0.34712	5.005449	0.605438	1 MNT	K09115
ENSG00000102048	-0.385636	2.982745	0.605456	1 ASB9	K10331
ENSG00000213782	-0.385636	2.982745	0.605456	1 DDX47	K14777
ENSG00000240849	0.342263	5.742937	0.60557	1 TMEM189	K10704
ENSG00000124466	0.342219	6.263324	0.605641	1 LYPD3	-
ENSG00000104635	0.339166	7.485233	0.605657	1 SLC39A14	K14720

ENSG00000136936	-0.349732	4.067787	0.60567	1 XPA	K10847
ENSG00000134371	-0.343254	5.664084	0.60577	1 CDC73	K15175
ENSG00000061794	-0.339246	7.381715	0.605856	1 MRPS35	K17413
ENSG00000164292	0.339285	7.126995	0.605979	1 RHOBTB3	K07869
ENSG00000075223	-0.342044	6.367105	0.606065	1 SEMA3C	K06840
ENSG00000254726	-0.383712	2.694976	0.606068	1 MEX3A	K15686
ENSG00000152804	-0.350176	4.249182	0.606083	1 HHEX	K08024
ENSG00000136213	0.348012	4.241028	0.606083	1 CHST12	K04742
ENSG00000257218	-0.347812	4.819917	0.606183	1 GATC	K02435
ENSG00000196656	0.33938	6.441668	0.606221	1 AC004057.1	K02976
ENSG00000248049	-0.444988	1.646466	0.606222	1 UBA6-AS1	-
ENSG00000183876	-0.419072	1.630965	0.606222	1 ARSI	K12375
ENSG00000139343	-0.340093	6.570613	0.606372	1 SNRPF	K11098
ENSG00000141098	0.351644	3.96268	0.606401	1 GFOD2	-
ENSG00000152332	-0.339234	6.41357	0.606584	1 UHMK1	K08877
ENSG00000097046	-0.343638	5.636181	0.606632	1 CDC7	K02214
ENSG00000164615	0.346887	5.044568	0.606772	1 CAMLG	K17985
ENSG00000125846	-0.350177	4.006425	0.606785	1 ZNF133	K09228
ENSG00000101846	0.34542	4.961021	0.606795	1 STS	K01131
ENSG00000136159	-0.340508	6.077914	0.606832	1 NUDT15	K03574
ENSG00000136628	-0.337296	8.638336	0.60684	1 EPRS	K14163
ENSG00000197782	0.357256	3.617508	0.606871	1 ZNF780A	K09228
ENSG00000172586	-0.341111	5.658895	0.606873	1 CHCHD1	-
ENSG00000068024	0.349819	4.678412	0.606886	1 HDAC4	K11406
ENSG00000133111	-0.370849	3.398715	0.606922	1 RFXAP	K08063
ENSG00000225190	0.388949	2.287521	0.606931	1 PLEKHM1	K11447
ENSG00000146477	0.346139	4.452368	0.606969	1 SLC22A3	K08200
ENSG00000160785	0.343601	4.800085	0.607067	1 SLC25A44	K15121
ENSG00000120254	-0.33853	7.011717	0.607165	1 MTHFD1L	K13402
ENSG00000131899	0.341977	5.56973	0.607167	1 LLGL1	K06094
ENSG00000165195	-0.341601	5.246326	0.607209	1 PIGA	K03857
ENSG00000059769	-0.346247	4.915878	0.607221	1 DNAJC25	K19371
ENSG00000167863	-0.338432	7.037944	0.607226	1 ATP5H	K02138
ENSG00000168679	0.350948	3.857575	0.607237	1 SLC16A4	K08181
ENSG00000116906	-0.33988	5.650202	0.607371	1 GNPAT	K00649
ENSG00000075407	-0.347234	5.189868	0.607413	1 ZNF37A	K09228
ENSG00000233954	0.338803	6.492311	0.607614	1 RP11-169K16.7	K00416
ENSG00000176731	-0.341102	5.940644	0.607691	1 C8orf59	-
ENSG00000025423	0.35899	3.704235	0.607785	1 HSD17B6	K13369
ENSG00000025156	0.343893	5.14357	0.607795	1 HSF2	K09415
ENSG00000113643	-0.336962	7.790733	0.607823	1 RARS	K01887
ENSG00000205464	0.365914	2.828304	0.607844	1 ATP6AP1L	-
ENSG00000184557	0.340277	5.857969	0.607875	1 SOCS3	K00995
ENSG00000113369	0.34096	5.701333	0.607929	1 ARRDC3	-
ENSG00000124588	-0.337924	6.902862	0.607999	1 NQO2	K08071
ENSG00000102978	-0.340779	6.026445	0.60809	1 POLR2C	K03011
ENSG00000263731	0.437131	1.774551	0.608185	1 RP11-498C9.15	-
ENSG00000010278	0.336231	8.039213	0.608274	1 CD9	K06460
ENSG00000123684	-0.338835	6.350576	0.608425	1 LPGAT1	K13514
ENSG00000138834	0.341172	5.444203	0.608519	1 MAPK8IP3	K04436
ENSG00000095485	-0.34092	5.520747	0.608549	1 CWF19L1	-
ENSG00000163507	-0.339358	6.077268	0.608583	1 KIAA1524	-
ENSG00000149476	-0.339297	5.798401	0.608836	1 DAK	K00863
ENSG00000107929	0.337546	6.440652	0.608942	1 LARP4B	K18763
ENSG00000197548	-0.343657	5.090543	0.608946	1 ATG7	K08337
ENSG00000125037	0.342074	5.175523	0.608958	1 EMC3	K08857
ENSG00000163728	-0.340763	5.266943	0.608969	1 TTC14	-
ENSG00000164190	0.336312	7.246346	0.608979	1 NIPBL	K06672

ENSG00000182831	0.338214	6.168793	0.609046	1 C16orf72	K11504
ENSG00000101166	-0.334877	9.026331	0.609234	1 SLMO2	-
ENSG00000100982	0.341871	5.117242	0.609245	1 PCIF1	K17584
ENSG00000064115	-0.337241	6.623096	0.609282	1 TM7SF3	-
ENSG00000151500	-0.348812	4.44688	0.609527	1 THYN1	-
ENSG00000224837	-0.348275	4.290042	0.609564	1 GCSHP5	K02437
ENSG00000139629	0.336262	6.839286	0.609642	1 GALNT6	K00710
ENSG00000156453	0.338609	5.646268	0.609727	1 PCDH1	K16498
ENSG00000071889	0.370431	1.9348	0.609731	1 FAM3A	-
ENSG00000166598	0.333951	10.99198	0.609764	1 HSP90B1	K09487
ENSG00000111962	0.34266	5.089129	0.609849	1 UST	K03193
ENSG00000140365	-0.338249	6.120709	0.609857	1 COMMD4	-
ENSG00000173226	-0.337982	5.868283	0.609996	1 IQCB1	K16774
ENSG00000130844	0.343255	4.771428	0.610016	1 ZNF331	K09228
ENSG00000141013	0.349824	4.337568	0.610053	1 GAS8	-
ENSG00000142528	0.339129	4.922456	0.61027	1 ZNF473	K09228
ENSG00000172380	-0.334267	8.273307	0.610295	1 GNG12	K04347
ENSG00000023839	0.33578	6.749061	0.610315	1 ABCC2	K05666
ENSG00000183828	0.358064	3.113349	0.610451	1 NUDT14	K08077
ENSG00000112651	-0.337562	6.108704	0.610611	1 MRPL2	K02886
ENSG00000156374	-0.341049	5.382724	0.610708	1 PCGF6	K11470
ENSG00000167363	0.372691	2.685479	0.610715	1 FN3K	K15522
ENSG00000206075	0.335621	6.535556	0.610904	1 SERPINB5	K10139
ENSG00000178821	0.403155	2.07487	0.610979	1 TMEM52	-
ENSG00000125434	0.349409	3.836237	0.611095	1 SLC25A35	K15117
ENSG00000169718	-0.334448	7.258179	0.61113	1 DUS1L	K05542
ENSG00000083937	-0.335478	6.238485	0.611235	1 CHMP2B	K12192
ENSG00000166897	0.340535	5.06178	0.611393	1 ELFN2	K17568
ENSG00000183298	0.355543	3.592281	0.611419	1 RP11-556K13.1	K02998
ENSG00000077942	0.33317	8.152977	0.611457	1 FBLN1	K17307
ENSG00000109445	-0.338252	5.566744	0.611497	1 ZNF330	-
ENSG00000112305	0.351309	3.911083	0.611676	1 SMAP1	K12486
ENSG00000011198	0.344741	3.914077	0.611676	1 ABHD5	K13699
ENSG00000120709	0.334438	6.095523	0.611826	1 FAM53C	K18710
ENSG00000214021	0.35414	3.951343	0.611944	1 TTLL3	K16608
ENSG00000100519	-0.334413	6.338194	0.611987	1 PSMC6	K03064
ENSG00000144810	-0.39833	2.217495	0.612007	1 COL8A1	-
ENSG00000155465	0.70757	-0.136336	0.612094	1 SLC7A7	K13867
ENSG00000198053	0.70757	-0.136336	0.612094	1 SIRPA	K06551
ENSG00000205129	0.70757	-0.136336	0.612094	1 C4orf47	-
ENSG00000214691	0.70757	-0.136336	0.612094	1 AC104654.1	-
ENSG00000260853	0.70757	-0.136336	0.612094	1 RP11-264B17.2	-
ENSG00000272003	0.70757	-0.136336	0.612094	1 RP11-23P13.7	-
ENSG00000174912	-0.630859	-0.017436	0.612094	1 METTL15P1	-
ENSG00000188779	-0.630859	-0.017436	0.612094	1 SKOR1	-
ENSG00000227908	-0.630859	-0.017436	0.612094	1 CTD-2031P19.3	-
ENSG00000253919	-0.630859	-0.017436	0.612094	1 PRKRIRP7	-
ENSG00000256525	-0.630859	-0.017436	0.612094	1 POLG2	K02333
ENSG00000266010	-0.630859	-0.017436	0.612094	1 GATA6-AS1	-
ENSG00000268357	-0.630859	-0.017436	0.612094	1 VN1R81P	-
ENSG00000268707	-0.630859	-0.017436	0.612094	1 RP11-247A12.7	-
ENSG00000272155	-0.630859	-0.017436	0.612094	1 RP11-707M3.3	-
ENSG00000272720	-0.630859	-0.017436	0.612094	1 CTA-228A9.3	-
ENSG00000111863	-0.53875	-0.071453	0.612094	1 ADTRP	-
ENSG00000136286	-0.53875	-0.071453	0.612094	1 MYO1G	K10356
ENSG00000181798	-0.53875	-0.071453	0.612094	1 LINC00471	-
ENSG00000189229	-0.53875	-0.071453	0.612094	1 AC069277.2	-
ENSG00000250116	-0.53875	-0.071453	0.612094	1 RP11-417F21.1	-

ENSG00000254756	-0.53875	-0.071453	0.612094	1 RP11-867G23.12	-
ENSG00000263563	-0.53875	-0.071453	0.612094	1 UBBP4	K04551
ENSG00000268001	-0.53875	-0.071453	0.612094	1 CTC-241F20.3	-
ENSG00000006451	0.334573	6.488877	0.61212	1 RALA	K07834
ENSG00000105732	-0.344588	4.618918	0.612198	1 ZNF574	-
ENSG00000218175	0.342816	4.611754	0.612198	1 AC016739.2	K02942
ENSG00000123219	-0.337827	5.487948	0.612204	1 CENPK	K11503
ENSG00000149084	-0.341936	4.244501	0.612273	1 HSD17B12	-
ENSG00000114503	-0.333677	7.00118	0.612349	1 NCBP2	K12883
ENSG00000261578	-0.478282	1.280849	0.61235	1 RP11-21L23.2	-
ENSG00000265933	-0.478282	1.280849	0.61235	1 LINC00668	-
ENSG00000167011	0.42924	1.241852	0.61235	1 NAT16	-
ENSG00000185561	0.42924	1.241852	0.61235	1 TLCD2	-
ENSG00000213862	0.42924	1.241852	0.61235	1 CTD-2270N23.1	K02936
ENSG00000260466	0.42924	1.241852	0.61235	1 RP4-536B24.2	-
ENSG00000042493	0.33208	8.280495	0.612539	1 CAPG	K10368
ENSG00000110442	0.335789	5.709746	0.612549	1 COMMD9	-
ENSG00000185262	0.334826	5.876771	0.612616	1 UBALD2	-
ENSG00000206562	0.351765	3.766948	0.612671	1 METTL6	K00599
ENSG00000157193	-0.335909	5.671841	0.612849	1 LRP8	-
ENSG00000188266	0.380187	2.323288	0.612869	1 HYKK	K18201
ENSG00000205593	0.380187	2.323288	0.612869	1 DENND6B	-
ENSG00000106105	-0.331651	8.623013	0.612874	1 GARS	K01880
ENSG00000165802	-0.333485	6.768361	0.612978	1 NSMF	-
ENSG00000114026	-0.349324	4.126644	0.61311	1 OGG1	K03660
ENSG00000138448	-0.333185	6.857534	0.613127	1 ITGAV	K06487
ENSG00000117597	-0.337223	5.075023	0.613213	1 DIEXF	K14774
ENSG00000179604	0.333078	6.663246	0.613355	1 CDC42EP4	-
ENSG00000240541	0.375177	2.416643	0.613601	1 TM4SF1-AS1	-
ENSG00000171813	0.33316	5.629505	0.613783	1 PWWP2B	-
ENSG00000071553	0.35233	3.606816	0.613898	1 ATP6AP1	K03662
ENSG00000118193	-0.33494	5.655428	0.613917	1 KIF14	K17915
ENSG00000163840	-0.33494	5.655428	0.613917	1 DTX3L	K06058
ENSG00000254670	-0.433358	1.497479	0.614163	1 CTC-497E21.3	-
ENSG00000103199	0.343071	3.649556	0.614163	1 ZNF500	K09229
ENSG00000182749	0.381073	2.526958	0.61423	1 PAQR7	K04613
ENSG00000239521	0.381073	2.526958	0.61423	1 GATS	K13055
ENSG00000056661	-0.345457	4.560728	0.614281	1 PCGF2	K11460
ENSG00000165175	-0.332241	6.568334	0.614729	1 MID1IP1	-
ENSG00000189114	0.339277	4.645502	0.614787	1 BLOC1S3	-
ENSG00000110497	0.33834	5.216268	0.614899	1 AMBRA1	K17985
ENSG00000187446	0.330694	7.093899	0.615182	1 CHP1	K17610
ENSG00000126456	-0.332192	6.316936	0.615203	1 IRF3	K05411
ENSG00000171425	0.339654	4.773049	0.615439	1 ZNF581	-
ENSG00000079156	-0.361317	3.431414	0.615446	1 OSBPL6	-
ENSG00000185664	0.418543	1.642049	0.615458	1 PMEL	K17304
ENSG00000126945	-0.400338	1.685868	0.615458	1 HNRNPH2	K12898
ENSG00000215644	-0.400338	1.685868	0.615458	1 GCGR	K04583
ENSG00000234062	-0.400338	1.685868	0.615458	1 RP11-308D16.4	-
ENSG00000101310	-0.331957	6.449108	0.6155	1 SEC23B	K14006
ENSG00000197070	-0.33614	5.194642	0.61557	1 ARRDC1	-
ENSG00000133704	-0.331543	6.500796	0.61563	1 IPO8	K10408
ENSG00000118873	-0.33225	5.99041	0.615692	1 RAB3GAP2	-
ENSG00000152465	-0.365	2.890582	0.616059	1 NMT2	K14523
ENSG00000153982	-0.365	2.890582	0.616059	1 GDPD1	K11447
ENSG00000198162	-0.337786	5.150941	0.6162	1 MAN1A2	K01230
ENSG00000132002	-0.329609	7.318426	0.616216	1 DNAJB1	K09507
ENSG00000100417	0.333133	5.403278	0.61652	1 PMM1	K17497

ENSG00000182150	-0.355469	3.670348	0.616537	1 ERCC6L2	-
ENSG00000113119	-0.339441	4.144001	0.616552	1 TMCO6	-
ENSG00000168724	-0.329292	7.273567	0.616617	1 DNAJC21	K09506
ENSG00000102786	-0.330526	5.867544	0.616626	1 INTS6	K13143
ENSG00000083817	-0.372462	3.026146	0.616703	1 ZNF416	K09228
ENSG00000118961	-0.344184	3.710909	0.616716	1 C2orf43	-
ENSG00000146433	-0.333305	5.634425	0.616795	1 TMEM181	K13194
ENSG00000153879	-0.331066	6.44861	0.616866	1 CEBPG	K10049
ENSG00000091986	-0.345204	3.757023	0.616885	1 CCDC80	-
ENSG00000162909	-0.328475	7.723791	0.616955	1 CAPN2	K03853
ENSG00000166783	0.343306	4.284527	0.617144	1 KIAA0430	K17573
ENSG00000159176	-0.328004	8.066426	0.61715	1 CSRP1	K09377
ENSG00000272933	0.385761	1.967986	0.617172	1 RP11-47A8.5	-
ENSG00000226121	0.360382	3.148353	0.61723	1 AHCTF1P1	-
ENSG00000164916	0.329453	6.157125	0.617284	1 FOXK1	K09404
ENSG00000122958	-0.328535	7.367253	0.617302	1 VPS26A	K18466
ENSG00000187634	0.329544	6.469661	0.61753	1 SAMD11	-
ENSG00000135837	0.331406	5.519864	0.617635	1 CEP350	K16768
ENSG00000143028	0.362487	3.267003	0.61767	1 SYPL2	-
ENSG00000142669	0.334851	5.394951	0.617905	1 SH3BGR3	-
ENSG00000213516	-0.33334	5.411814	0.617947	1 RBMXL1	K12885
ENSG00000100580	-0.338135	4.530684	0.617958	1 TMED8	K17985
ENSG00000108107	0.326571	9.253444	0.617997	1 RPL28	K02903
ENSG00000169918	0.385933	2.223482	0.618242	1 OTUD7A	K11860
ENSG00000130158	0.336909	4.203482	0.618432	1 DOCK6	-
ENSG00000221944	0.336909	4.203482	0.618432	1 TIGD1	K14284
ENSG00000114956	-0.328645	5.966106	0.61845	1 DGUOK	K00904
ENSG00000127989	-0.337798	4.242154	0.618516	1 MTERF	K15031
ENSG00000176108	-0.349867	3.585202	0.61864	1 CHMP6	K12195
ENSG00000124831	0.327456	7.007427	0.618777	1 LRRFIP1	K17785
ENSG00000164142	0.367481	2.449363	0.618968	1 FAM160A1	-
ENSG00000134824	-0.331457	5.266933	0.619013	1 FADS2	K10226
ENSG00000089723	0.493915	0.354975	0.619281	1 OTUB2	K09603
ENSG00000225511	0.493915	0.354975	0.619281	1 LINC00475	-
ENSG00000231043	0.493915	0.354975	0.619281	1 AC007238.1	K13109
ENSG00000266405	0.493915	0.354975	0.619281	1 CBX3P2	-
ENSG00000197724	-0.342597	3.884088	0.619375	1 PHF2	K19414
ENSG00000126756	-0.330099	5.960488	0.619396	1 UXT	-
ENSG00000106018	0.369878	2.637071	0.61949	1 VIPR2	K04590
ENSG00000196739	-0.334493	5.210102	0.619682	1 COL27A1	K19721
ENSG00000007372	0.339739	4.018057	0.619683	1 PAX6	K08031
ENSG00000206530	-0.367726	2.74774	0.6197	1 WDR52	-
ENSG00000117791	-0.334463	4.797994	0.619809	1	2-Mar -
ENSG00000168672	-0.331947	5.28277	0.619823	1 FAM84B	-
ENSG00000198818	-0.328965	5.311723	0.619876	1 SFT2D1	-
ENSG00000088356	0.328743	5.307827	0.619876	1 PDRG1	-
ENSG00000124120	-0.341202	4.156352	0.619936	1 TTPAL	K17985
ENSG00000214655	0.329795	5.378155	0.62	1 ZSWIM8	-
ENSG00000187840	-0.326397	7.076465	0.620012	1 EIF4EBP1	K07205
ENSG00000127452	-0.338649	4.274207	0.620148	1 FBXL12	K10278
ENSG00000008300	0.360322	2.958262	0.620188	1 CELSR3	K04602
ENSG00000146416	0.360322	2.958262	0.620188	1 AIG1	K16470
ENSG00000148450	-0.339462	4.305562	0.620196	1 MSRB2	K07305
ENSG00000152022	-0.366178	3.047373	0.620316	1 LIX1L	K16673
ENSG00000103707	-0.338037	4.440773	0.620408	1 MTFMT	K00604
ENSG00000158828	0.328491	5.634816	0.620413	1 PINK1	K05688
ENSG00000166451	-0.328615	6.025797	0.620454	1 CENPN	K11506
ENSG00000109501	0.334186	4.582772	0.620617	1 WFS1	K14020

ENSG0000068366	-0.324968	7.815499	0.620629	1 ACSL4	K01897
ENSG00000160783	-0.335156	4.654086	0.620707	1 PMF1	K11546
ENSG00000205758	0.331439	4.649046	0.620707	1 CRYZL1	-
ENSG00000163635	0.337333	4.671595	0.620735	1 ATXN7	K11318
ENSG00000170222	0.356479	3.333925	0.620795	1 ADPRM	K01517
ENSG00000179981	-0.350181	3.347576	0.620795	1 TSHZ1	K09236
ENSG00000151014	-0.351242	3.406651	0.620867	1 CCRN4L	K18764
ENSG00000173214	0.345194	3.385437	0.620867	1 KIAA1919	K08175
ENSG00000165644	-0.329743	5.570437	0.620943	1 COMTD1	-
ENSG00000168438	-0.333612	4.861135	0.620953	1 CDC40	K12816
ENSG00000179546	-0.350511	3.49869	0.620996	1 HTR1D	K04153
ENSG00000087263	-0.328096	6.135134	0.621032	1 OGFOD1	-
ENSG00000143842	0.328488	5.669747	0.621052	1 SOX13	K09269
ENSG00000111252	-0.347445	3.773165	0.621285	1 SH2B3	K12459
ENSG00000139718	0.32709	5.212735	0.621303	1 SETD1B	K11422
ENSG00000140612	0.324248	7.766866	0.621326	1 SEC11A	K13280
ENSG00000136147	-0.338309	3.854053	0.621359	1 PHF11	K18494
ENSG00000114993	-0.339414	3.962021	0.621455	1 RTKN	-
ENSG00000139083	0.336747	4.058176	0.621537	1 ETV6	K03211
ENSG00000040275	-0.324895	6.994707	0.621758	1 SPDL1	-
ENSG00000109929	-0.336763	4.52117	0.621824	1 SC5D	K00227
ENSG00000213380	-0.333349	4.519241	0.621824	1 COG8	-
ENSG00000111615	-0.327231	6.031167	0.621837	1 KRR1	K06961
ENSG00000125827	-0.335607	4.805849	0.621959	1 TMX4	-
ENSG00000165915	-0.32935	4.865635	0.621983	1 SLC39A13	K14719
ENSG00000182952	-0.324764	6.933689	0.622002	1 HMGN4	-
ENSG00000173581	-0.542395	0.789026	0.622031	1 CCDC106	-
ENSG00000187667	-0.542395	0.789026	0.622031	1 WHAMMP3	-
ENSG00000214654	-0.542395	0.789026	0.622031	1 RP11-27I1.4	K03766
ENSG00000223559	-0.542395	0.789026	0.622031	1 RP11-700P18.1	K14288
ENSG00000258727	-0.542395	0.789026	0.622031	1 RP11-66N24.3	-
ENSG00000261204	-0.542395	0.789026	0.622031	1 AC004449.6	-
ENSG00000132026	0.483196	0.764091	0.622031	1 RTBDN	-
ENSG00000188501	0.483196	0.764091	0.622031	1 LCTL	K11447
ENSG00000250451	0.483196	0.764091	0.622031	1 HOXC-AS1	-
ENSG00000123983	-0.324177	7.282338	0.622092	1 ACSL3	K01897
ENSG00000087086	0.322498	9.988412	0.622195	1 FTL	K13625
ENSG00000242485	-0.325622	6.084414	0.622304	1 MRPL20	K02887
ENSG00000111057	-0.322016	11.77047	0.622525	1 KRT18	K07604
ENSG00000181458	0.323911	6.976355	0.622631	1 TMEM45A	-
ENSG00000197498	-0.325529	6.027147	0.622755	1 RPF2	K14847
ENSG0000020426	-0.327543	5.417971	0.622865	1 MNAT1	K10842
ENSG00000155111	0.329012	5.203226	0.622914	1 CDK19	K02208
ENSG00000116198	0.331499	4.444418	0.623149	1 CEP104	K16458
ENSG00000250846	-0.467629	1.085253	0.623263	1 RP11-807H7.1	-
ENSG00000168938	-0.336416	3.973189	0.623355	1 PPIC	K09563
ENSG00000124370	0.337278	3.773579	0.623449	1 MCEE	K05606
ENSG00000115128	-0.323166	7.044659	0.623533	1 SF3B14	K12833
ENSG00000102967	-0.346244	3.514046	0.623594	1 DHODH	K00254
ENSG00000102030	0.344663	3.502369	0.623594	1 NAA10	K00670
ENSG00000105767	0.341609	3.402204	0.623652	1 CADM4	K06783
ENSG00000158636	0.329233	5.237391	0.623698	1 C11orf30	-
ENSG00000160051	-0.352079	3.308328	0.623716	1 IQCC	K11447
ENSG00000267002	0.451934	1.294551	0.623857	1 RP11-242D8.1	-
ENSG00000072818	-0.418701	1.330999	0.623857	1 ACAP1	K12489
ENSG00000119004	-0.418701	1.330999	0.623857	1 CYP20A1	K07435
ENSG00000229656	-0.418701	1.330999	0.623857	1 RP11-462L8.1	-
ENSG00000256294	-0.418701	1.330999	0.623857	1 ZNF225	K09228

ENSG00000145335	-0.358221	2.913876	0.623951	1 SNCA	K04528
ENSG00000136807	0.325636	6.113377	0.624041	1 CDK9	K02211
ENSG00000204947	-0.412097	1.557559	0.624149	1 ZNF425	K09228
ENSG00000232434	0.37824	2.472846	0.624194	1 C9orf172	K01112
ENSG00000247400	0.371855	2.35818	0.624242	1 DNAJC3-AS1	-
ENSG00000162959	0.403685	1.697706	0.624286	1 MEMO1	K06990
ENSG00000198855	0.398175	2.250835	0.624287	1 FICD	-
ENSG00000205903	0.330782	4.617195	0.624297	1 ZNF316	K09228
ENSG00000243452	0.393857	1.839149	0.624339	1 NBPF15	K10653
ENSG00000258947	0.400393	2.000454	0.624344	1 TUBB3	K07375
ENSG00000232472	-0.332953	4.5791	0.624352	1 EEF1B2P3	K03232
ENSG00000110321	-0.320429	9.943166	0.624463	1 EIF4G2	K03260
ENSG00000163683	0.327284	5.151035	0.624611	1 SMIM14	-
ENSG00000168813	-0.328538	5.087939	0.624703	1 ZNF507	-
ENSG00000143643	-0.329455	5.022078	0.624805	1 TTC13	-
ENSG00000111641	-0.321549	7.341327	0.624841	1 NOP2	K14835
ENSG00000084073	-0.322049	6.950084	0.624892	1 ZMPSTE24	K06013
ENSG00000116750	-0.321932	7.000887	0.624932	1 UCHL5	K05610
ENSG00000101152	0.321848	6.335207	0.624944	1 DNAJC5	K09525
ENSG00000104611	-0.323921	6.412074	0.625174	1 SH2D4A	K17577
ENSG00000099385	-0.326847	5.248615	0.62527	1 BCL7C	-
ENSG00000099330	0.328527	5.229219	0.625298	1 OCEL1	-
ENSG00000132463	-0.320602	7.635418	0.625511	1 GRSF1	-
ENSG00000137338	-0.339392	3.826538	0.625512	1 PGBD1	K09230
ENSG00000163611	0.331596	4.577278	0.625591	1 SPICE1	K16490
ENSG00000135637	-0.338164	3.707475	0.625759	1 CCDC142	K17434
ENSG00000182768	-0.32581	5.349804	0.62582	1 NGRN	K13194
ENSG00000272016	-0.333586	4.410169	0.62597	1 RP11-215G15.5	-
ENSG00000159348	0.323499	5.530354	0.626081	1 CYB5R1	K00326
ENSG00000260916	-0.324622	5.485017	0.626203	1 CCPG1	K04613
ENSG00000064309	0.33434	4.238819	0.626378	1 CDON	-
ENSG00000186716	0.321888	5.857943	0.626401	1 BCR	K08878
ENSG00000113732	0.320289	6.958794	0.626557	1 ATP6V0E1	K02153
ENSG00000162368	-0.31948	7.709264	0.626644	1 CMPK1	K13800
ENSG00000129219	0.327885	4.631454	0.626692	1 PLD2	K01115
ENSG00000125814	-0.345874	3.26326	0.626823	1 NAPB	-
ENSG00000107242	0.33937	3.244513	0.626823	1 PIP5K1B	K00889
ENSG00000168872	-0.323878	5.448377	0.62698	1 DDX19A	K18655
ENSG00000100532	-0.34444	3.197848	0.626985	1 CGRRF1	-
ENSG00000232838	-0.351899	3.13452	0.627161	1 PET117	K18188
ENSG00000168209	0.318123	8.560231	0.627385	1 DDIT4	K08270
ENSG00000025770	0.322252	5.87151	0.62739	1 NCAPH2	K11490
ENSG00000105568	0.31834	8.140963	0.627401	1 PPP2R1A	K03456
ENSG00000100281	-0.323896	5.313922	0.627409	1 HMGXB4	K11298
ENSG00000111361	-0.320551	6.485763	0.627447	1 EIF2B1	K03239
ENSG00000188229	-0.317912	8.927824	0.627501	1 TUBB4B	K07375
ENSG00000185278	0.338189	3.83022	0.627573	1 ZBTB37	K10509
ENSG00000204839	0.322229	5.792888	0.627659	1 MROH6	-
ENSG00000131467	-0.318469	7.470411	0.628	1 PSME3	K06698
ENSG00000133678	-0.350186	2.85425	0.628027	1 TMEM254	-
ENSG00000103365	0.321288	6.089701	0.628037	1 GGA2	K12404
ENSG00000135108	0.322189	5.666287	0.628125	1 FBXO21	K10301
ENSG00000104957	-0.331594	4.569901	0.628136	1 CCDC130	K13115
ENSG00000162775	0.320854	5.464243	0.628283	1 RBM15	K13190
ENSG00000118689	0.320194	5.622383	0.6283	1 FOXO3	K09408
ENSG00000101343	-0.327943	4.524928	0.628321	1 CRNKL1	K12869
ENSG00000182810	-0.327943	4.524928	0.628321	1 DDX28	K05543
ENSG00000137203	0.317542	7.913034	0.628433	1 TFAP2A	K09176

ENSG00000134014	-0.322726	5.246304	0.628436	1 ELP3	K07739
ENSG00000116171	-0.319821	6.29483	0.628466	1 SCP2	K08764
ENSG00000041802	-0.321511	5.971712	0.62851	1 LSG1	K14539
ENSG00000178980	-0.323626	5.519795	0.628735	1 SEPW1	-
ENSG00000174891	-0.323999	4.710327	0.628773	1 RSRC1	-
ENSG00000139233	-0.319778	5.780212	0.628811	1 LLPH	K17985
ENSG00000118900	0.319307	6.27975	0.628906	1 UBN1	K17492
ENSG00000182685	0.366862	2.586995	0.62892	1 BRICD5	-
ENSG00000113407	-0.316336	9.559028	0.628983	1 TARS	K01868
ENSG00000101882	-0.323622	5.457375	0.629007	1 NKAP	-
ENSG00000117450	0.316194	9.961135	0.629012	1 PRDX1	K13279
ENSG00000033030	-0.322472	5.29285	0.629016	1 ZCCHC8	K13128
ENSG00000140564	0.318583	6.56363	0.629104	1 FURIN	K01349
ENSG00000152455	-0.320936	5.234718	0.629281	1 SUV39H2	K11419
ENSG00000234743	-0.361555	2.513961	0.629284	1 EIF5AP4	K03263
ENSG00000116478	0.317165	7.399531	0.629337	1 HDAC1	K06067
ENSG00000113456	-0.317589	7.100953	0.629454	1 RAD1	K02830
ENSG00000103260	-0.318108	6.757938	0.629492	1 METRN	K09228
ENSG00000117151	-0.324987	5.007164	0.629493	1 CTBS	K12310
ENSG00000090470	-0.32083	5.460362	0.629678	1 PDCD7	-
ENSG00000108262	0.317794	6.633417	0.629815	1 GIT1	K05737
ENSG00000105726	0.31833	6.396957	0.629843	1 ATP13A1	K14950
ENSG00000167792	-0.317376	6.889712	0.630036	1 NDUFV1	K03942
ENSG00000170832	0.321246	5.378159	0.630074	1 USP32	K11837
ENSG00000157426	-0.340565	3.724182	0.630212	1 AASDH	K00142
ENSG00000156170	-0.325801	4.648812	0.630231	1 NDUFAF6	K18163
ENSG00000105855	-0.321136	5.342264	0.630289	1 ITGB8	K06591
ENSG00000152291	0.315919	7.755079	0.630323	1 TGOLN2	K08857
ENSG00000100129	0.315312	8.48388	0.630468	1 EIF3L	K15029
ENSG00000135829	-0.315795	7.862781	0.630479	1 DHX9	K13184
ENSG00000187193	-0.336555	4.03596	0.630584	1 MT1X	K14739
ENSG00000133318	0.315737	7.541134	0.630727	1 RTN3	-
ENSG00000173726	0.315126	8.361557	0.630738	1 TOMM20	K17770
ENSG00000128595	0.31483	9.038756	0.630741	1 CALU	-
ENSG00000138777	-0.318935	5.998677	0.630754	1 PPA2	K01507
ENSG00000179523	-0.354173	3.088921	0.630776	1 EIF3J-AS1	-
ENSG00000137177	0.316749	6.701671	0.630814	1 KIF13A	K17914
ENSG00000172167	-0.321001	4.921592	0.630905	1 MTBP	-
ENSG00000076706	0.314877	8.431156	0.630968	1 MCAM	K06534
ENSG00000242616	-0.325275	4.718673	0.63101	1 GNG10	K04545
ENSG00000184428	-0.318785	5.954165	0.63101	1 TOP1MT	K03163
ENSG00000104164	-0.318135	6.103662	0.631056	1 BLOC1S6	-
ENSG00000143420	-0.315498	7.531584	0.631139	1 ENSA	-
ENSG00000153006	-0.319555	5.543463	0.631223	1 SREK1IP1	-
ENSG00000171155	-0.319555	5.543463	0.631223	1 C1GALT1C1	K09653
ENSG00000163535	-0.320212	5.301757	0.631261	1 SGOL2	K11581
ENSG00000146556	-0.36229	2.056151	0.631262	1 WASH2P	K18461
ENSG00000136478	0.319549	5.113483	0.631577	1 TEX2	-
ENSG00000095739	-0.326191	4.405993	0.631613	1 BAMBI	K10162
ENSG00000162769	-0.326191	4.405993	0.631613	1 FLVCR1	K08220
ENSG00000136878	0.32317	4.403563	0.631613	1 USP20	K11848
ENSG00000102921	-0.322513	4.961502	0.63164	1 N4BP1	-
ENSG00000123685	-0.382262	1.912552	0.631943	1 BATF3	K09034
ENSG00000214653	-0.382262	1.912552	0.631943	1 HNRNPA3P3	K12741
ENSG00000187156	0.381743	1.887776	0.631943	1 LINC00221	-
ENSG00000189319	-0.324037	4.540046	0.632125	1 FAM53B	-
ENSG00000135940	-0.314648	7.461513	0.632142	1 COX5B	K02265
ENSG00000162642	-0.317166	5.91406	0.632259	1 Clorf52	-

ENSG00000120137	-0.317476	6.24432	0.63226	1 PANK3	K09680
ENSG00000165527	-0.31727	6.016379	0.632527	1 ARF6	K07941
ENSG00000137992	-0.319739	5.432238	0.632601	1 DBT	K09699
ENSG00000259230	-0.407267	1.753118	0.63273	1 CTD-2555C10.3	-
ENSG00000137364	-0.316421	6.052459	0.632736	1 TPMT	K00569
ENSG00000078808	0.314133	7.279134	0.632762	1 SDF4	-
ENSG00000114796	0.324064	4.785904	0.632776	1 KLHL24	K10461
ENSG00000172534	0.34172	2.699991	0.632987	1 HCFC1	K14966
ENSG00000085998	-0.315362	6.357069	0.633006	1 POMGNT1	K09666
ENSG00000089159	0.314373	6.891556	0.633054	1 PXN	K05760
ENSG00000074276	0.759385	-0.698071	0.63315	1 CDHR2	K16502
ENSG00000145965	0.759385	-0.698071	0.63315	1 C6ORF50	-
ENSG00000157315	0.759385	-0.698071	0.63315	1 TMED6	-
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ENSG00000166682	0.759385	-0.698071	0.63315	1 TMPRSS5	K09636
ENSG00000168484	0.759385	-0.698071	0.63315	1 SFTPC	-
ENSG00000177236	0.759385	-0.698071	0.63315	1 AP006621.1	-
ENSG00000179761	0.759385	-0.698071	0.63315	1 PIPOX	K00306
ENSG00000180767	0.759385	-0.698071	0.63315	1 CHST13	K07779
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ENSG00000185130	0.759385	-0.698071	0.63315	1 HIST1H2BL	K11252
ENSG00000188152	0.759385	-0.698071	0.63315	1 NUTM2G	-
ENSG00000196622	0.759385	-0.698071	0.63315	1 RIMBP3	K04552
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ENSG00000223653	0.759385	-0.698071	0.63315	1 RP11-131L23.1	-
ENSG00000227536	0.759385	-0.698071	0.63315	1 SOCS5P4	K04698
ENSG00000231234	0.759385	-0.698071	0.63315	1 SKP1P1	K03094
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ENSG00000248027	0.759385	-0.698071	0.63315	1 CTD-2383M3.1	-
ENSG00000248554	0.759385	-0.698071	0.63315	1 RP11-159F24.6	-
ENSG00000259031	0.759385	-0.698071	0.63315	1 CTD-2062F14.3	-
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ENSG00000259826	0.759385	-0.698071	0.63315	1 RP11-467D6.1	-
ENSG00000260176	0.759385	-0.698071	0.63315	1 CTD-3126B10.4	-
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ENSG00000267419	0.759385	-0.698071	0.63315	1 CTC-559E9.6	-
ENSG00000270640	0.759385	-0.698071	0.63315	1 RP11-373D23.2	-
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ENSG00000004478	-0.312645	8.668388	0.633331	1 FKBP4	K09571
ENSG00000166033	0.314628	6.29212	0.633471	1 HTRA1	K08784
ENSG00000196865	-0.323133	4.686708	0.633539	1 NHLRC2	K12581
ENSG00000166716	0.317179	5.072312	0.633625	1 ZNF592	K19325
ENSG00000244560	-0.43949	1.573925	0.633648	1 RP4-800G7.2	K09228
ENSG00000236624	0.415866	1.540924	0.633648	1 CCDC163P	-
ENSG00000156136	-0.322257	5.060628	0.633753	1 DCK	K00893
ENSG00000166266	-0.318091	4.933099	0.633787	1 CUL5	K10612
ENSG00000153944	0.314145	6.300501	0.633788	1 MSI2	K15696
ENSG00000118939	-0.325233	4.307667	0.633791	1 UCHL3	K05609
ENSG00000107938	0.317919	4.910889	0.633931	1 EDRF1	K09228
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ENSG00000110958	-0.311742	9.071283	0.634129	1 PTGES3	K15730
ENSG00000167625	0.324122	4.440427	0.634137	1 ZNF526	K17985
ENSG00000086544	0.330088	3.776882	0.634235	1 ITPKC	K00911
ENSG00000186834	0.312913	7.071137	0.634362	1 HEXIM1	K15189

ENSG00000100644	0.312042	7.933989	0.634375	1 HIF1A	K08268
ENSG00000100242	0.315575	6.092266	0.634653	1 SUN2	K19347
ENSG00000177058	-0.328484	3.981447	0.634664	1 SLC38A9	K14995
ENSG00000135926	0.314657	5.977761	0.634694	1 TMBIM1	K06890
ENSG00000167306	0.31749	5.043305	0.634766	1 MYO5B	K10357
ENSG00000114127	-0.320482	4.669588	0.63485	1 XRN1	K12618
ENSG00000092094	-0.33212	3.704032	0.634913	1 OSGEP	K01409
ENSG00000119042	-0.350898	2.434591	0.634991	1 SATB2	-
ENSG00000198498	-0.319385	5.212446	0.635064	1 TMA16	K14860
ENSG00000143549	-0.31083	9.154255	0.635088	1 TPM3	K09290
ENSG00000110888	-0.316466	5.289489	0.635191	1 CAPRN2	K18744
ENSG00000103274	0.317879	5.095616	0.635202	1 NUBP1	-
ENSG00000132330	-0.345326	2.959378	0.635222	1 SCLY	K01763
ENSG00000155636	-0.335478	3.610317	0.635673	1 RBM45	-
ENSG00000272047	-0.325636	4.424465	0.635696	1 GTF2H5	K10845
ENSG00000253251	0.36824	2.29727	0.635841	1 CTC-534A2.2	-
ENSG00000171723	0.347825	2.306945	0.635841	1 GPHN	K15376
ENSG00000092108	-0.315219	5.65631	0.635941	1 SCFD1	-
ENSG00000111752	-0.436973	1.164565	0.635966	1 PHC1	K11456
ENSG00000248161	-0.436973	1.164565	0.635966	1 RP11-499E18.1	-
ENSG00000105672	0.426679	1.107284	0.635966	1 ETV2	K09432
ENSG00000271976	-0.399661	1.142328	0.635966	1 RP11-884K10.7	-
ENSG00000100814	0.314381	5.88865	0.635979	1 CCNB1IP1	K12581
ENSG00000149823	0.315973	5.361167	0.63601	1 VPS51	K04257
ENSG00000163608	-0.313661	5.861556	0.636247	1 C3orf17	K12756
ENSG00000145220	-0.314558	5.851729	0.636339	1 LYAR	K15263
ENSG00000184634	0.318474	4.861892	0.636378	1 MED12	K15162
ENSG00000099991	0.313602	5.779348	0.63649	1 CABIN1	K17613
ENSG00000103995	-0.312848	6.215156	0.636521	1 CEP152	K16728
ENSG00000223749	-0.345904	2.823477	0.636526	1 MIR503HG	-
ENSG00000151006	0.33436	2.798009	0.636526	1 PRSS53	-
ENSG00000213337	0.327299	3.510388	0.636533	1 ANKRD39	-
ENSG00000158470	-0.31368	6.068867	0.636674	1 B4GALT5	K09905
ENSG00000130449	0.317766	4.717474	0.636694	1 ZSWIM6	-
ENSG00000140280	-0.326912	4.318697	0.636706	1 LYSMD2	-
ENSG00000101844	0.319684	4.311499	0.636706	1 ATG4A	K08342
ENSG00000248275	-0.381087	2.207336	0.636814	1 TRIM52-AS1	-
ENSG00000177917	-0.319688	4.700234	0.636903	1 ARL6IP6	-
ENSG00000197841	-0.333624	3.471004	0.637007	1 ZNF181	K09228
ENSG00000067057	0.309603	7.7073	0.637219	1 PFKP	K00850
ENSG00000089091	-0.498563	0.885656	0.63737	1 DZANK1	K10408
ENSG00000135477	-0.498563	0.885656	0.63737	1 KRT121P	K07605
ENSG00000198150	-0.498563	0.885656	0.63737	1 AC135178.1	K17985
ENSG00000260804	-0.498563	0.885656	0.63737	1 RP11-566E18.3	-
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ENSG00000106089	-0.453003	0.858272	0.63737	1 STX1A	K04560
ENSG00000111817	-0.453003	0.858272	0.63737	1 DSE	K01794
ENSG00000134245	-0.453003	0.858272	0.63737	1 WNT2B	K00182
ENSG00000143036	-0.453003	0.858272	0.63737	1 SLC44A3	K15282
ENSG00000213385	-0.453003	0.858272	0.63737	1 RP11-577H5.1	K02936
ENSG00000241361	-0.453003	0.858272	0.63737	1 SLC25A24P1	K14684
ENSG00000242715	-0.453003	0.858272	0.63737	1 CCDC169	-
ENSG00000267244	-0.453003	0.858272	0.63737	1 CTB-31O20.4	-
ENSG00000143575	-0.310177	7.15668	0.637398	1 HAX1	K16220
ENSG00000213860	0.315995	5.437131	0.637419	1 RPL21P75	K02889
ENSG00000110851	-0.313543	5.505406	0.637423	1 PRDM4	K12463
ENSG00000060688	-0.310683	6.744551	0.637553	1 SNRNP40	K12857
ENSG00000242086	0.323876	3.869973	0.637561	1 LINC00969	-

ENSG00000123992	-0.313813	4.950188	0.637564	1 DNPEP	K01267
ENSG00000135847	-0.313052	5.720842	0.637656	1 ACBD6	-
ENSG00000143971	-0.311479	5.605946	0.637667	1 ETAA1	-
ENSG00000162236	0.315115	5.187666	0.637716	1 STX5	K08490
ENSG00000134597	-0.317138	4.611629	0.637806	1 RBMX2	K13107
ENSG00000005194	-0.311242	6.320287	0.637824	1 CIAPIN1	-
ENSG00000171262	-0.311423	6.20629	0.63785	1 FAM98B	K15434
ENSG00000186174	0.312708	5.741266	0.637978	1 BCL9L	-
ENSG00000107789	-0.312589	5.509258	0.63806	1 MINPP1	K03103
ENSG00000167595	-0.341123	3.05736	0.63811	1 C19orf55	-
ENSG00000125629	0.321992	4.678544	0.638242	1 INSIG2	-
ENSG00000126803	0.320407	3.792934	0.638377	1 HSPA2	K03283
ENSG00000155393	-0.321317	3.96463	0.638669	1 HEATR3	-
ENSG00000224020	-0.541479	0.504309	0.638759	1 MIR181A2HG	-
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ENSG00000148357	0.531978	0.44934	0.638759	1 HMCN2	K17341
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ENSG00000083067	0.450301	0.487269	0.638759	1 TRPM3	K04978
ENSG00000122477	0.450301	0.487269	0.638759	1 LRRC39	-
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ENSG00000269439	0.450301	0.487269	0.638759	1 CTD-3131K8.2	-
ENSG00000158805	-0.317707	4.838297	0.638779	1 ZNF276	-
ENSG00000102753	-0.309941	6.532434	0.638806	1 KPNA3	-
ENSG00000205808	0.334825	2.970155	0.638836	1 PPAPDC2	-
ENSG00000197712	0.311426	5.840406	0.639058	1 FAM114A1	-
ENSG00000125445	-0.309525	6.62186	0.63906	1 MRPS7	K02992
ENSG00000213214	-0.366458	2.552048	0.639076	1 ARHGEF35	-
ENSG00000242028	0.346378	2.543254	0.639076	1 HYPK	-
ENSG00000100296	-0.31041	5.923482	0.639166	1 THOC5	K13174
ENSG00000168393	-0.309687	5.96193	0.639216	1 DTYMK	K00943
ENSG00000174446	-0.312327	5.68213	0.639239	1 SNAPC5	K15211
ENSG00000132294	-0.309112	6.027179	0.639408	1 EFR3A	-
ENSG00000072163	0.31718	4.771534	0.639463	1 LIMS2	-
ENSG00000144827	-0.309883	6.018421	0.639509	1 ABHD10	K13702
ENSG00000163832	-0.319783	4.571679	0.639512	1 ELP6	-
ENSG00000120733	0.308467	6.195335	0.639592	1 KDM3B	K15601
ENSG00000136827	-0.31062	5.946388	0.639894	1 TOR1A	-
ENSG00000119878	-0.317267	4.736821	0.639952	1 CRIPT	-
ENSG00000132434	-0.335784	3.19288	0.639955	1 LANCL2	-
ENSG00000167508	-0.312229	5.898	0.639975	1 MVD	K01597
ENSG00000143756	0.309547	6.157077	0.640055	1 FBXO28	K10306
ENSG00000181577	-0.31349	4.904123	0.640077	1 C6orf223	-
ENSG00000175455	-0.307889	6.254706	0.64012	1 CCDC14	K16541
ENSG00000166147	0.306858	7.785608	0.640136	1 FBN1	K06825
ENSG00000105135	0.31064	5.876735	0.640204	1 ILVBL	K11259
ENSG00000177225	0.313371	5.184049	0.640258	1 PDDC1	-
ENSG00000163956	0.308175	6.603434	0.640294	1 LRPAP1	-
ENSG00000085760	-0.309355	5.909708	0.640342	1 MTIF2	K02519
ENSG00000104133	-0.312984	5.357294	0.640524	1 SPG11	K19026
ENSG00000171316	0.311655	5.80628	0.640545	1 CHD7	K14437
ENSG00000166164	-0.310287	5.929961	0.640588	1 BRD7	K08047
ENSG00000100097	0.305712	8.912046	0.640706	1 LGALS1	K06830
ENSG00000223361	0.389952	1.751272	0.640815	1 FTH1P10	K00522
ENSG00000272654	0.389952	1.751272	0.640815	1 RP11-422P24.11	-
ENSG00000125388	0.359686	1.765755	0.640815	1 GRK4	K08291

ENSG00000174672	0.359686	1.765755	0.640815	1 BRSK2	K08796
ENSG00000181513	0.328846	3.578077	0.640867	1 ACBD4	K02927
ENSG00000214114	-0.310969	5.547216	0.6409	1 MYCBP	-
ENSG00000169228	0.322885	4.074044	0.640965	1 RAB24	K07912
ENSG00000158402	0.315138	4.444526	0.641006	1 CDC25C	K05867
ENSG00000021574	-0.311421	5.124774	0.641043	1 SPAST	K13254
ENSG00000111266	0.308005	5.850331	0.641058	1 DUSP16	K04459
ENSG00000182180	-0.307006	6.987899	0.641108	1 MRPS16	K02959
ENSG00000122565	-0.305393	8.634672	0.641243	1 CBX3	K11586
ENSG00000250479	-0.307798	6.456184	0.64131	1 CHCHD10	-
ENSG00000198668	-0.30614	7.488142	0.641353	1 CALM1	K02183
ENSG00000215246	-0.325149	3.730586	0.641437	1 RP11-43F13.3	-
ENSG00000135631	0.307599	5.810976	0.641569	1 RAB11FIP5	K12484
ENSG00000112877	0.309507	5.5332	0.641672	1 CEP72	K16532
ENSG00000150907	-0.313681	4.764465	0.641817	1 FOXO1	K07201
ENSG00000128513	-0.31193	5.36156	0.641922	1 POT1	K11109
ENSG00000069849	0.304659	8.589408	0.642	1 ATP1B3	K01540
ENSG00000158290	-0.306771	6.618308	0.64206	1 CUL4B	K10609
ENSG00000114491	-0.307906	5.878785	0.642281	1 UMPS	K13421
ENSG00000095794	-0.313818	4.454667	0.64231	1 CREM	K09052
ENSG00000146085	-0.314666	5.02608	0.642359	1 MUT	K01847
ENSG00000110435	-0.305917	6.896758	0.64245	1 PDHX	K13997
ENSG00000173457	-0.308864	5.784998	0.642491	1 PPP1R14B	K17555
ENSG00000198431	0.303947	9.105989	0.642561	1 TXNRD1	K00384
ENSG00000168237	-0.346613	2.673387	0.64257	1 GLYCTK	K15788
ENSG00000139291	-0.316242	4.428477	0.642663	1 TMEM19	K17985
ENSG00000130714	-0.392681	1.615273	0.642691	1 POMT1	K00728
ENSG00000174173	-0.305639	6.82827	0.642876	1 TRMT10C	K17654
ENSG00000069248	-0.3062	6.38566	0.642958	1 NUP133	K14300
ENSG00000050393	-0.30643	6.371448	0.64315	1 MCUR1	K12606
ENSG00000112378	0.303417	8.932311	0.643205	1 PERP	K10136
ENSG00000126351	0.309159	5.462254	0.643328	1 THRA	K05547
ENSG00000171132	-0.330783	2.92477	0.643347	1 PRKCE	K18050
ENSG00000137074	-0.306409	6.043876	0.64335	1 APTX	K10863
ENSG00000111880	-0.314999	4.560559	0.643435	1 RNGTT	K13917
ENSG00000263244	0.308942	5.352599	0.643506	1 RP11-473I1.10	-
ENSG00000130348	-0.308327	5.45338	0.643511	1 QRSL1	K02433
ENSG00000054282	-0.321761	3.743683	0.643563	1 SDCCAG8	K16488
ENSG00000152402	-0.344431	2.573628	0.643788	1 GUCY1A2	K12318
ENSG00000179965	-0.344431	2.573628	0.643788	1 ZNF771	K11504
ENSG00000254967	-0.344431	2.573628	0.643788	1 RP11-680F20.6	-
ENSG00000182307	-0.303853	7.524048	0.643806	1 C8orf33	-
ENSG00000189376	-0.321157	3.871911	0.643852	1 C8orf76	-
ENSG00000026297	-0.315747	3.86885	0.643852	1 RNASET2	K01166
ENSG00000261824	-0.315747	3.86885	0.643852	1 LINC00662	-
ENSG00000146677	-0.320514	3.551493	0.643879	1 AC004453.8	K02912
ENSG00000102078	-0.328472	3.143959	0.643889	1 SLC25A14	K15106
ENSG00000116691	-0.30898	5.467306	0.643973	1 MIIP	-
ENSG00000147894	-0.315669	3.986845	0.644095	1 C9orf72	-
ENSG00000088833	0.307373	5.544535	0.644127	1 NSFL1C	K14012
ENSG00000126070	-0.310795	4.515283	0.644139	1 AGO3	K11593
ENSG0000018610	-0.308226	4.901177	0.644153	1 CXorf56	-
ENSG00000140350	-0.302884	7.923454	0.644467	1 ANP32A	K18646
ENSG00000154719	-0.307321	5.562126	0.644553	1 MRPL39	K17420
ENSG00000116001	-0.304797	6.218709	0.644638	1 TIA1	K13201
ENSG00000025708	-0.303751	6.908845	0.644789	1 TYMP	K00758
ENSG00000220842	0.30413	6.15275	0.644801	1 RP11-572P18.1	K02889
ENSG00000122034	-0.3043	6.594496	0.644801	1 GTF3A	K09191

ENSG0000067829	0.33654	3.067503	0.644831	1 IDH3G	K00030
ENSG00000147852	0.307078	5.204449	0.64493	1 VLDLR	-
ENSG00000254505	-0.426477	1.41668	0.644988	1 CHMP4A	K12194
ENSG00000254761	0.390911	1.384366	0.644988	1 RP11-672A2.1	-
ENSG00000137996	-0.304572	6.268415	0.64508	1 RTCA	K01974
ENSG00000116670	0.304911	6.406785	0.645133	1 MAD2L2	K13728
ENSG00000092203	0.307993	5.561373	0.645155	1 TOX4	-
ENSG00000163785	-0.304135	6.429006	0.645158	1 RYK	K05128
ENSG00000048471	0.349142	2.458014	0.645163	1 SNX29	K17935
ENSG00000168890	0.349142	2.458014	0.645163	1 TMEM150A	-
ENSG00000102763	-0.305605	5.33359	0.645325	1 VWA8	-
ENSG00000136813	-0.302826	7.187084	0.645359	1 KIAA0368	K11886
ENSG00000101337	0.303672	6.48486	0.645438	1 TM9SF4	K17086
ENSG00000152056	-0.328999	3.606626	0.645526	1 AP1S3	K12395
ENSG00000072422	-0.308658	4.716936	0.645927	1 RHOBTB1	K07868
ENSG00000166289	0.307125	5.191288	0.645941	1 PLEKHF1	-
ENSG00000089818	-0.308936	4.783655	0.645971	1 NECAP1	-
ENSG00000130723	0.301576	7.674312	0.646003	1 PRRC2B	-
ENSG00000069011	0.302424	6.891507	0.646047	1 PITX1	K09356
ENSG00000075702	0.304275	5.733024	0.646055	1 WDR62	K11447
ENSG00000160445	0.308025	4.962535	0.646081	1 ZER1	K10350
ENSG00000155324	-0.303159	6.143888	0.646255	1 GRAMD3	-
ENSG00000089639	0.326567	3.552156	0.646264	1 GMIP	-
ENSG00000115685	-0.304126	5.366872	0.646274	1 PPP1R7	K17550
ENSG00000130175	0.300766	8.53015	0.646287	1 PRKCSH	K08288
ENSG00000158220	0.34404	1.947441	0.646292	1 ESYT3	K12581
ENSG00000162670	0.34404	1.947441	0.646292	1 BRINP3	-
ENSG00000008130	0.302565	6.543471	0.646524	1 NADK	K00858
ENSG00000107560	-0.315959	4.27176	0.646542	1 RAB11FIP2	K12484
ENSG00000145354	-0.304498	5.835729	0.646605	1 CISD2	-
ENSG00000242247	0.302592	6.485346	0.646616	1 ARFGAP3	K12493
ENSG00000135916	0.307577	4.804945	0.646658	1 ITM2C	K18265
ENSG00000156414	0.305705	5.381332	0.646733	1 TDRD9	K18408
ENSG00000198961	0.302218	6.550515	0.646889	1 PJA2	K10634
ENSG00000181915	-0.304894	5.610438	0.646947	1 ADO	K10712
ENSG00000103335	0.300173	8.470358	0.646968	1 PIEZO1	-
ENSG00000139197	0.301604	6.863114	0.646989	1 PEX5	K13342
ENSG00000143919	0.331471	2.930524	0.646989	1 CAMKMT	K18826
ENSG00000183475	-0.314593	4.239645	0.64703	1 ASB7	K10329
ENSG00000196670	-0.314581	4.141292	0.647035	1 ZFP62	K09228
ENSG00000131697	0.313096	3.502907	0.647052	1 NPHP4	K16478
ENSG00000138347	0.300723	7.374261	0.647248	1 MYPN	K08834
ENSG00000116539	0.307974	5.199676	0.647481	1 ASH1L	K06101
ENSG00000138071	-0.299764	8.468101	0.64749	1 ACTR2	K17260
ENSG00000187741	0.304108	5.4126	0.64762	1 FANCA	K10888
ENSG00000180573	0.310636	4.870951	0.647631	1 HIST1H2AC	K11251
ENSG00000179598	-0.318122	3.883796	0.64768	1 PLD6	K16862
ENSG00000088812	0.307539	5.08144	0.647809	1 ATRN	-
ENSG00000171604	0.300828	5.968648	0.647835	1 CXXC5	-
ENSG00000225373	0.451738	1.164874	0.647858	1 WASH5P	K18461
ENSG00000259772	0.451738	1.164874	0.647858	1 RP11-16E12.2	-
ENSG00000268218	0.451738	1.164874	0.647858	1 AC137932.1	K17985
ENSG00000242114	0.322364	3.455524	0.647894	1 MTFP1	K17981
ENSG00000011376	-0.307434	5.221849	0.647979	1 LARS2	K01869
ENSG00000163382	-0.300629	6.921919	0.648176	1 APOA1BP	K17759
ENSG00000166908	0.307023	4.952645	0.648197	1 PIP4K2C	K00920
ENSG00000142731	-0.305957	4.958642	0.648197	1 PLK4	K08863
ENSG00000085644	0.324162	2.847866	0.648233	1 ZNF213	K09229

ENSG00000143436	-0.300996	6.660933	0.648266	1 MRPL9	K02939
ENSG00000144848	-0.301048	6.592693	0.648353	1 ATG3	K08343
ENSG00000187837	0.303241	5.525592	0.648384	1 HIST1H1C	K11275
ENSG00000101945	0.364293	2.233701	0.648527	1 SUV39H1	K11419
ENSG00000145075	0.37722	1.802899	0.648562	1 CCDC39	-
ENSG00000172171	-0.315012	4.482373	0.648697	1 TEFM	K17658
ENSG00000101447	0.300513	6.564961	0.648722	1 FAM83D	K16805
ENSG00000152422	-0.306542	4.75311	0.648744	1 XRCC4	K10886
ENSG00000104356	-0.302935	5.450377	0.649115	1 POP1	K01164
ENSG00000130177	-0.300122	6.701057	0.649139	1 CDC16	K03353
ENSG00000241553	-0.300266	5.898019	0.649154	1 ARPC4	K05755
ENSG00000168490	0.311905	3.663943	0.649247	1 PHYHIP	-
ENSG00000172456	-0.327489	3.025077	0.649275	1 FGGY	-
ENSG00000111802	-0.301863	6.317571	0.649291	1 TDP2	K19619
ENSG00000105426	0.299547	6.788791	0.649362	1 PTPRS	K06778
ENSG00000251022	-0.299945	6.683695	0.649368	1 THAP9-AS1	-
ENSG00000198042	-0.306234	5.093035	0.649463	1 MAK16	K14831
ENSG00000198937	0.314864	3.885018	0.649564	1 CCDC167	-
ENSG00000183579	0.312457	4.17967	0.649607	1 ZNRF3	K16273
ENSG00000168038	-0.329859	2.785354	0.649611	1 ULK4	K17545
ENSG00000169598	-0.329859	2.785354	0.649611	1 DFFB	K02311
ENSG00000131238	-0.298392	7.666687	0.649625	1 PPT1	K01074
ENSG00000171475	0.301826	5.258228	0.649673	1 WIPF2	K19475
ENSG00000123427	0.317529	3.351977	0.649763	1 METTL21B	K04460
ENSG00000140320	0.301841	5.543593	0.649981	1 BAHD1	-
ENSG00000263753	-0.318471	3.97578	0.650021	1 LINC00667	-
ENSG00000180806	0.3162	3.968698	0.650021	1 HOXC9	K09294
ENSG00000166582	-0.300858	6.055786	0.650057	1 CENPV	-
ENSG00000168758	0.301814	5.055277	0.650088	1 SEMA4C	K06521
ENSG00000141622	0.338043	3.158713	0.650114	1 RNF165	K17821
ENSG00000109046	0.29887	6.743193	0.650183	1 WSB1	K10341
ENSG00000104856	-0.311995	4.541859	0.650241	1 RELB	K09253
ENSG00000174233	0.298873	6.017594	0.650283	1 ADCY6	K08046
ENSG00000126821	0.298783	5.717245	0.65035	1 SGPP1	K04716
ENSG00000130005	-0.299415	6.44016	0.650484	1 GAMT	K00542
ENSG00000181450	-0.33507	2.953471	0.65056	1 ZNF678	K09228
ENSG00000214389	-0.30115	5.296177	0.650569	1 RPS3AP26	K02984
ENSG00000155367	-0.357155	2.148089	0.650615	1 PPM1J	K17504
ENSG00000154309	-0.307861	4.376643	0.650635	1 DISP1	-
ENSG00000183780	-0.313017	3.580972	0.650944	1 SLC35F3	K15288
ENSG00000111269	0.297667	6.112044	0.651162	1 CREBL2	-
ENSG00000137804	0.29665	7.866819	0.651234	1 NUSAP1	-
ENSG00000157483	0.296829	7.576904	0.651298	1 MYO1E	K10356
ENSG00000102890	-0.374879	1.670799	0.651311	1 ELMO3	K19241
ENSG00000146094	-0.374879	1.670799	0.651311	1 DOK3	-
ENSG00000070404	0.295869	9.382116	0.651327	1 FSTL3	K09171
ENSG00000109654	-0.310973	4.093299	0.651436	1 TRIM2	K11997
ENSG00000111785	-0.306768	4.54746	0.651437	1 RIC8B	-
ENSG00000148843	-0.297832	6.77411	0.651502	1 PDCD11	K14792
ENSG00000161860	0.451198	0.864912	0.651531	1 SYCE2	K19535
ENSG00000224424	0.451198	0.864912	0.651531	1 PRKAR2A-AS1	-
ENSG00000232859	0.451198	0.864912	0.651531	1 LYRM9	-
ENSG00000164989	-0.418086	0.950703	0.651531	1 CCDC171	-
ENSG00000239523	-0.418086	0.950703	0.651531	1 MYLK-AS1	-
ENSG00000166924	0.392706	0.892827	0.651531	1 NYAP1	-
ENSG00000185924	0.392706	0.892827	0.651531	1 RTN4RL1	K16660
ENSG00000196110	0.392706	0.892827	0.651531	1 ZNF699	K09228
ENSG00000196208	0.392706	0.892827	0.651531	1 GREB1	-

ENSG00000214331	0.392706	0.892827	0.651531	1 RP11-252A24.2	K17509
ENSG00000244932	0.392706	0.892827	0.651531	1 RP11-529F4.1	K19656
ENSG00000267161	0.392706	0.892827	0.651531	1 AC005943.5	-
ENSG00000110756	-0.301541	5.554692	0.651775	1 HPS5	-
ENSG00000173011	-0.310671	3.984025	0.651784	1 TADA2B	K15127
ENSG00000169925	0.30387	4.969572	0.651786	1 BRD3	K11721
ENSG00000128159	0.302986	4.760294	0.651845	1 TUBGCP6	K16573
ENSG00000114933	-0.317537	3.532633	0.651876	1 INO80D	K11668
ENSG00000075188	-0.298762	6.283127	0.651907	1 NUP37	K14302
ENSG00000119661	-0.320952	3.248992	0.65193	1 DNAL1	K10411
ENSG00000196152	0.332949	2.376617	0.651939	1 ZNF79	K09228
ENSG00000111602	-0.29782	6.547067	0.651982	1 TIMELESS	K03155
ENSG00000165501	-0.299972	5.223012	0.652024	1 LRR1	K10348
ENSG00000180488	-0.30562	4.810426	0.652031	1 FAM73A	K17985
ENSG00000173598	-0.303341	5.050049	0.652104	1 NUDT4	K07766
ENSG00000176597	-0.308575	4.442597	0.652207	1 B3GNT5	-
ENSG00000197062	-0.305232	4.296409	0.652289	1 RP5-874C20.3	K09230
ENSG00000156026	0.297186	6.588414	0.652316	1 MCU	-
ENSG00000118454	0.298302	6.177824	0.652411	1 ANKRD13C	-
ENSG00000163626	-0.321908	3.046334	0.652626	1 COX18	K17797
ENSG00000104859	0.29795	5.377116	0.652631	1 CLASRP	K13168
ENSG00000138413	-0.295762	7.466814	0.652729	1 IDH1	K00031
ENSG00000133398	-0.297051	6.582232	0.652747	1 MED10	K15151
ENSG00000165685	-0.30188	4.877511	0.652763	1 TMEM52B	-
ENSG00000070961	-0.29579	7.412065	0.652764	1 ATP2B1	K05850
ENSG00000135722	0.350216	2.594815	0.652863	1 FBXL8	K10274
ENSG00000273131	0.350216	2.594815	0.652863	1 RP6-42F4.1	-
ENSG00000127507	0.319205	3.471493	0.652871	1 EMR2	K08443
ENSG00000160293	0.299374	5.70467	0.652915	1 VAV2	K05730
ENSG00000180035	-0.313915	3.826217	0.65299	1 ZNF48	K09228
ENSG00000143776	-0.300207	5.290592	0.652996	1 CDC42BPA	K16307
ENSG00000128951	-0.295422	7.555626	0.653002	1 DUT	K01520
ENSG00000063978	0.296552	6.40676	0.653053	1 RNF4	-
ENSG00000115318	-0.375164	2.013778	0.653067	1 LOXL3	K00280
ENSG00000133627	-0.318314	3.182886	0.653149	1 ACTR3B	K18584
ENSG00000160813	-0.299072	5.549091	0.653213	1 PPP1R35	K17574
ENSG00000126890	-0.295505	7.277963	0.653247	1 CTAG2	-
ENSG00000169410	-0.300078	5.383752	0.6533	1 PTPN9	K18038
ENSG00000149115	0.295575	6.996669	0.653383	1 TNKS1BP1	-
ENSG00000143811	-0.299625	5.340088	0.653497	1 PYCR2	K00286
ENSG00000184922	0.295344	6.304899	0.653743	1 FMNL1	-
ENSG00000179967	-0.302226	5.13102	0.653983	1 PPP1R14BP3	K17555
ENSG00000118046	0.314091	2.959451	0.654062	1 STK11	K07298
ENSG00000011465	-0.297938	5.654583	0.654089	1 DCN	K04660
ENSG00000169230	-0.29483	7.202961	0.654092	1 PRELID1	-
ENSG00000242110	-0.358889	2.280688	0.654113	1 AMACR	K01796
ENSG00000138381	-0.302058	4.864039	0.654122	1 ASNSD1	-
ENSG00000173542	-0.307943	4.478405	0.654189	1 MOB1B	K06685
ENSG00000100764	-0.298737	5.501545	0.654267	1 PSMC1	K03062
ENSG00000163947	0.301792	4.748912	0.654333	1 ARHGEF3	-
ENSG00000032742	-0.333771	3.124098	0.654472	1 IFT88	K16474
ENSG00000170340	-0.301094	5.218315	0.654584	1 B3GNT2	K00741
ENSG00000164823	-0.295629	6.456222	0.654589	1 OSGIN2	-
ENSG00000180447	-0.299457	5.515017	0.654605	1 GAS1	K06232
ENSG00000140521	0.297496	6.055061	0.65461	1 POLG	K02332
ENSG00000178381	0.300219	4.391222	0.654615	1 ZFAND2A	-
ENSG00000203497	-0.374666	1.46258	0.654708	1 PDCD4-AS1	-
ENSG00000238261	-0.374666	1.46258	0.654708	1 RP11-435B5.5	-

ENSG00000241288	-0.374666	1.46258	0.654708	1 RP11-379B18.5	-
ENSG00000247317	-0.374666	1.46258	0.654708	1 RP11-273G15.2	-
ENSG00000117899	-0.296475	6.140183	0.654989	1 MESDC2	-
ENSG00000078902	0.30832	4.300489	0.655095	1 TOLLIP	K05402
ENSG00000153147	-0.294067	7.087918	0.655098	1 SMARCA5	K11654
ENSG00000130304	0.310334	3.908649	0.655102	1 SLC27A1	K08745
ENSG00000005961	0.326481	2.707186	0.655284	1 ITGA2B	K06476
ENSG00000080200	0.326481	2.707186	0.655284	1 CRYBG3	-
ENSG00000117877	-0.318387	3.498154	0.655309	1 CD3EAP	-
ENSG00000146826	-0.318387	3.498154	0.655309	1 C7orf43	-
ENSG00000174953	-0.296303	6.097328	0.655506	1 DHX36	K14442
ENSG00000122783	-0.303184	4.146143	0.655524	1 C7orf49	-
ENSG00000137962	-0.298026	5.720025	0.655566	1 ARHGAP29	K12581
ENSG00000148773	0.293056	7.451526	0.655574	1 MKI67	K17582
ENSG00000167081	0.306993	4.208502	0.655638	1 PBX3	K15610
ENSG00000140563	0.293712	5.984675	0.655747	1 MCTP2	-
ENSG00000181192	-0.294038	6.7015	0.655803	1 DHTKD1	K15791
ENSG00000106723	-0.294287	6.566155	0.655812	1 SPIN1	-
ENSG00000108278	-0.397349	1.865713	0.655991	1 ZNHIT3	K02927
ENSG00000078487	-0.375039	1.852531	0.655991	1 ZCWPW1	-
ENSG00000136231	0.297493	5.696223	0.656061	1 IGF2BP3	K13197
ENSG00000111432	0.301708	3.954774	0.656064	1 FZD10	K02842
ENSG00000085117	0.303193	4.50773	0.656076	1 CD82	K06509
ENSG00000100014	0.303193	4.50773	0.656076	1 SPECC1L	-
ENSG00000103021	-0.313445	3.201967	0.656133	1 CCDC113	K17985
ENSG00000004487	0.292372	7.591528	0.656182	1 KDM1A	K11450
ENSG00000139178	0.293404	6.177812	0.65621	1 C1RL	-
ENSG00000079385	0.487727	0.573765	0.656347	1 CEACAM1	K06499
ENSG00000129991	0.487727	0.573765	0.656347	1 TNNI3	K12044
ENSG00000166922	0.487727	0.573765	0.656347	1 SCG5	-
ENSG00000167968	0.487727	0.573765	0.656347	1 DNASE1L2	K11995
ENSG00000106484	-0.43167	0.587795	0.656347	1 MEST	-
ENSG00000228696	-0.43167	0.587795	0.656347	1 ARL17B	K06883
ENSG00000238278	-0.43167	0.587795	0.656347	1 ALG1L6P	K03842
ENSG00000114054	-0.294942	6.189027	0.65641	1 PCCB	K01966
ENSG00000112130	-0.295375	5.847959	0.656483	1 RNF8	K10667
ENSG00000067704	-0.291678	8.258752	0.656507	1 IARS2	K01870
ENSG00000167920	-0.300621	4.49205	0.656653	1 TMEM99	-
ENSG00000069998	-0.295777	5.538765	0.65673	1 CECR5	-
ENSG00000185432	0.297188	5.381337	0.656924	1 METTL7A	K15696
ENSG00000131242	0.344855	2.401261	0.657004	1 RAB11FIP4	K12485
ENSG00000152942	0.344855	2.401261	0.657004	1 RAD17	-
ENSG00000089195	-0.298703	5.035421	0.657064	1 TRMT6	K03256
ENSG00000171621	0.309052	4.145378	0.657071	1 SPSB1	K10343
ENSG00000091527	-0.291637	7.625398	0.657088	1 CDV3	-
ENSG00000177302	0.29575	5.724736	0.657137	1 TOP3A	K03165
ENSG00000127125	-0.298308	5.178954	0.657147	1 PPCS	K01922
ENSG00000107758	-0.30274	4.466533	0.65725	1 PPP3CB	K04348
ENSG00000162695	-0.296125	5.400438	0.657261	1 SLC30A7	K14692
ENSG00000165283	-0.292068	7.082443	0.657304	1 STOML2	-
ENSG00000132170	-0.300786	4.856494	0.65742	1 PPARG	K08530
ENSG00000105983	-0.295649	5.231192	0.657542	1 LMBR1	K09228
ENSG00000142867	-0.295557	5.357283	0.657576	1 BCL10	K07368
ENSG00000248008	-0.324526	3.271937	0.657634	1 DYNLL1-AS1	-
ENSG00000100523	-0.316536	3.710523	0.657766	1 DDHD1	K13619
ENSG00000147654	-0.298216	4.380787	0.657863	1 EBAG9	-
ENSG00000164258	-0.296491	5.460358	0.657914	1 NDUFS4	K03937
ENSG00000188186	-0.293008	6.072169	0.657922	1 LAMTOR4	-

ENSG00000116455	-0.291822	6.415255	0.657924	1 WDR77	K13221
ENSG00000006625	-0.291812	6.754391	0.658146	1 GGCT	K00682
ENSG00000166532	0.290755	7.314219	0.658261	1 RIMKLB	K18310
ENSG00000114999	-0.291963	6.604024	0.658282	1 TTL	K06047
ENSG00000135776	-0.298425	5.168032	0.658289	1 ABCB10	K05657
ENSG00000019582	1.8725	-1.801828	0.658385	1 CD74	K06505
ENSG00000054356	1.8725	-1.801828	0.658385	1 PTPRN	K07817
ENSG00000071246	1.8725	-1.801828	0.658385	1 VASH1	-
ENSG00000100167	1.8725	-1.801828	0.658385	1	3-Sep K16938
ENSG00000102317	1.8725	-1.801828	0.658385	1 RBM3	K13186
ENSG00000103472	1.8725	-1.801828	0.658385	1 RRN3P2	K15216
ENSG00000105549	1.8725	-1.801828	0.658385	1 THEG	-
ENSG00000106819	1.8725	-1.801828	0.658385	1 ASPN	K08120
ENSG00000110852	1.8725	-1.801828	0.658385	1 CLEC2B	K10071
ENSG00000111834	1.8725	-1.801828	0.658385	1 RSPH4A	K19756
ENSG00000114124	1.8725	-1.801828	0.658385	1 GRK7	K00909
ENSG00000117152	1.8725	-1.801828	0.658385	1 RGS4	K16449
ENSG00000117971	1.8725	-1.801828	0.658385	1 CHRNB4	K04815
ENSG00000124429	1.8725	-1.801828	0.658385	1 POF1B	-
ENSG00000124529	1.8725	-1.801828	0.658385	1 HIST1H4B	K11254
ENSG00000126860	1.8725	-1.801828	0.658385	1 EVI2A	K16854
ENSG00000128268	1.8725	-1.801828	0.658385	1 MGAT3	K00737
ENSG00000128271	1.8725	-1.801828	0.658385	1 ADORA2A	K04266
ENSG00000130528	1.8725	-1.801828	0.658385	1 HRC	-
ENSG00000134516	1.8725	-1.801828	0.658385	1 DOCK2	K12367
ENSG00000139351	1.8725	-1.801828	0.658385	1 SYCP3	K19528
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ENSG00000121989	-0.339021	2.536101	0.659432	1 ACVR2A	K04670
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ENSG00000162290	0.502876	0.097717	0.662736	1 DCP1A	K12610
ENSG00000171045	0.502876	0.097717	0.662736	1 TSNARE1	K13814
ENSG00000177675	0.502876	0.097717	0.662736	1 CD163L1	K06545
ENSG00000178460	0.502876	0.097717	0.662736	1 MCMDC2	K11447
ENSG00000183638	0.502876	0.097717	0.662736	1 RP1L1	K19538
ENSG00000213025	0.502876	0.097717	0.662736	1 COX20P1	K18184
ENSG00000216588	0.502876	0.097717	0.662736	1 IGSF23	-
ENSG00000261879	0.502876	0.097717	0.662736	1 RP11-333E1.1	-
ENSG00000157077	0.29662	4.645715	0.66281	1 ZFYVE9	K04679
ENSG00000155256	0.29156	5.237438	0.663014	1 ZFYVE27	K19368
ENSG00000136450	-0.285935	8.018994	0.663022	1 SRSF1	K12890
ENSG00000164144	-0.297777	4.881961	0.663028	1 ARFIP1	-
ENSG00000103061	0.309272	3.677767	0.663048	1 SLC7A6OS	-
ENSG00000066117	-0.287691	6.54147	0.66312	1 SMARCD1	K11650
ENSG00000187498	0.2865	7.174356	0.66313	1 COL4A1	K06237
ENSG00000135900	-0.289764	5.719201	0.66316	1 MRPL44	K17425
ENSG00000171204	-0.289461	6.202187	0.663177	1 TMEM126B	K18165
ENSG00000153214	-0.292962	4.796259	0.66334	1 TMEM87B	-
ENSG00000107372	-0.286069	7.51099	0.663355	1 ZFAND5	-
ENSG00000112941	0.286495	6.972706	0.663416	1 PAPD7	K03514
ENSG00000175756	-0.286976	6.782531	0.663419	1 AURKAIP1	K16830
ENSG00000102531	-0.286535	6.954476	0.663604	1 FNDC3A	-
ENSG00000104093	0.293531	4.963984	0.663618	1 DMXL2	-
ENSG00000102226	-0.28955	5.401472	0.663787	1 USP11	K11835

ENSG00000186470	-0.289122	6.280338	0.663793	1	BTN3A2	K06712
ENSG00000163923	-0.288432	5.672734	0.663869	1	RPL39L	K02924
ENSG00000106366	-0.291664	4.774013	0.663918	1	SERPINE1	K03982
ENSG00000176092	-0.355699	1.524185	0.663922	1	AIM1L	-
ENSG00000100246	-0.330906	2.5658	0.663944	1	DNAL4	K10412
ENSG00000249673	-0.330906	2.5658	0.663944	1	NOP14-AS1	-
ENSG00000070413	-0.290813	5.340082	0.664034	1	DGCR2	-
ENSG00000135185	-0.290813	5.340082	0.664034	1	TMEM243	-
ENSG00000230989	-0.286822	6.549444	0.664061	1	HSBP1	K19765
ENSG00000167964	0.289304	5.68431	0.664083	1	RAB26	K07913
ENSG00000100297	0.285493	7.259643	0.664134	1	MCM5	K15696
ENSG00000126464	0.289773	5.122392	0.664616	1	PRR12	-
ENSG00000264608	0.423524	0.95908	0.66464	1	RP11-192H23.8	-
ENSG00000047230	-0.290544	5.561203	0.664641	1	CTPS2	K01937
ENSG00000165672	-0.284089	8.412208	0.664792	1	PRDX3	K03386
ENSG00000152818	-0.289195	4.993388	0.664819	1	UTRN	-
ENSG00000106571	-0.310622	2.859248	0.664839	1	GLI3	K06230
ENSG00000262814	-0.286104	6.488804	0.664988	1	MRPL12	K02935
ENSG00000186205	-0.285888	6.59456	0.664994	1		1-Mar -
ENSG00000160199	0.297405	3.914636	0.665017	1	PKNOX1	-
ENSG00000110002	-0.290096	5.479135	0.665027	1	VWA5A	-
ENSG00000058729	-0.28929	5.653719	0.665049	1	RIOK2	K07179
ENSG00000173171	-0.292173	5.108325	0.665091	1	MTX1	K17776
ENSG00000136560	-0.292794	5.013878	0.665146	1	TANK	K12650
ENSG00000131408	0.286561	6.244183	0.665213	1	NR1H2	K08535
ENSG00000142599	0.289456	4.971012	0.665341	1	RERE	K05628
ENSG00000170234	-0.291097	4.871502	0.66542	1	PWWP2A	-
ENSG00000146247	-0.285334	6.683322	0.665423	1	PHIP	K11797
ENSG00000248333	0.294892	4.553373	0.665462	1	CDK11B	K08818
ENSG00000183354	0.298087	4.150434	0.665523	1	KIAA2026	-
ENSG00000066739	0.304347	3.589448	0.665612	1	ATG2B	K17906
ENSG00000157107	-0.29081	5.147158	0.66568	1	FCHO2	-
ENSG00000152795	-0.283144	8.686957	0.665688	1	HNRNPDL	K13044
ENSG00000102882	0.286845	5.564155	0.665785	1	MAPK3	K04371
ENSG00000112578	-0.285738	5.856313	0.665789	1	BYSL	K14797
ENSG00000146648	-0.28411	7.199736	0.665912	1	EGFR	K04361
ENSG00000198682	0.283376	7.656263	0.666054	1	PAPSS2	K13811
ENSG00000166352	-0.324741	2.947538	0.666205	1	C11orf74	-
ENSG00000170684	-0.324741	2.947538	0.666205	1	ZNF296	K17576
ENSG00000110844	0.318551	2.936603	0.666205	1	PRPF40B	K12821
ENSG00000144591	0.28623	5.631252	0.666262	1	GMPPA	K00966
ENSG00000168958	0.283862	6.925428	0.666397	1	MFF	-
ENSG00000138767	-0.295411	4.480291	0.666494	1	CNOT6L	K12603
ENSG00000180354	0.301684	3.790013	0.666616	1	MTURN	K08051
ENSG00000135749	0.319444	2.443049	0.666715	1	PCNXL2	-
ENSG00000211460	-0.283657	6.982813	0.666738	1	TSN	K17934
ENSG00000108379	-0.305958	3.380807	0.666825	1	WNT3	K00312
ENSG00000131174	0.291176	4.418232	0.666833	1	COX7B	K02271
ENSG00000162923	0.283317	7.023531	0.666855	1	WDR26	-
ENSG00000152240	-0.291173	4.857972	0.666926	1	HAUS1	K16584
ENSG00000130299	-0.285109	5.818008	0.666986	1	GTPBP3	K03650
ENSG00000130475	-0.292847	4.589838	0.667004	1	FCHO1	-
ENSG00000135211	-0.288882	4.743257	0.66714	1	TMEM60	-
ENSG00000109265	0.315925	2.760224	0.667152	1	KIAA1211	-
ENSG00000272631	0.372093	1.71278	0.66739	1	RP11-359E3.4	-
ENSG00000082805	0.285378	5.967919	0.667408	1	ERC1	K16072
ENSG00000134779	-0.285464	6.011018	0.667573	1	TPGS2	K16605
ENSG00000176248	-0.287619	5.418981	0.667597	1	ANAPC2	K03349

ENSG00000171103	-0.28725	4.793081	0.667825	1 TRMT61B	K08694
ENSG00000133731	-0.284296	5.941453	0.667826	1 IMPA1	K01092
ENSG00000137492	-0.284825	6.031921	0.667858	1 PRKRIR	-
ENSG00000146731	-0.281025	9.090556	0.667865	1 CCT6A	K09498
ENSG00000175283	-0.296557	4.131158	0.668001	1 DOLK	K00902
ENSG00000126457	-0.281734	7.5021	0.668164	1 PRMT1	K11434
ENSG00000119812	-0.283025	6.570347	0.668208	1 FAM98A	-
ENSG00000169696	0.285509	5.505431	0.668231	1 ASPSCR1	K15627
ENSG00000137500	-0.28553	5.550029	0.668235	1 CCDC90B	K04257
ENSG00000125351	-0.285527	5.973869	0.668265	1 UPF3B	K14328
ENSG00000134146	-0.323134	2.594908	0.668342	1 DPH6	K06927
ENSG00000163558	-0.282349	6.855091	0.668402	1 PRKCI	K06069
ENSG00000145293	0.283759	6.041763	0.668404	1 ENOPH1	K09880
ENSG00000143155	-0.285574	5.524564	0.668427	1 TIPRL	K17607
ENSG00000189339	0.29292	4.454719	0.668488	1 SLC35E2B	K15284
ENSG00000118965	-0.292461	4.059354	0.668511	1 WDR35	K19674
ENSG00000212978	-0.302919	3.320597	0.668514	1 AC016747.3	-
ENSG00000259943	0.298753	3.49539	0.668522	1 RP1-39G22.7	-
ENSG00000234327	0.306819	3.653593	0.668523	1 AC012146.7	-
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ENSG00000140848	-0.29296	4.573373	0.668855	1 CPNE2	K11341
ENSG00000083168	0.290261	4.300631	0.668946	1 KAT6A	K11305
ENSG00000260027	-0.288946	4.307388	0.668946	1 HOXB7	K09307
ENSG00000083845	0.279767	9.766383	0.669031	1 RPS5	K02989
ENSG00000124541	-0.283603	6.066972	0.669071	1 RRP36	K14572
ENSG00000187866	0.291087	4.595774	0.669213	1 FAM122A	-
ENSG00000177082	-0.289862	4.520894	0.66926	1 WDR73	K06115
ENSG00000162222	0.287236	5.3145	0.669333	1 TTC9C	-
ENSG00000132394	-0.294716	4.340244	0.669372	1 EEFSEC	K03833
ENSG00000129255	-0.283524	6.289901	0.669426	1 MPDU1	K09660
ENSG00000133863	-0.284399	4.777182	0.669444	1 TEX15	-
ENSG00000183793	-0.385662	1.311362	0.669495	1 NPIPA5	K01896
ENSG00000213020	0.385075	1.262982	0.669495	1 ZNF611	K09228
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ENSG00000095397	0.289289	4.542141	0.669623	1 DFNB31	-
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ENSG00000143363	-0.283927	5.398357	0.669705	1 PRUNE	K01514
ENSG00000231607	-0.326724	2.693287	0.669732	1 DLEU2	-
ENSG00000101150	-0.280249	7.521784	0.669789	1 TPD52L2	-
ENSG00000215251	0.284193	5.455269	0.669853	1 FASTKD5	-
ENSG00000245849	0.320619	2.35156	0.669885	1 RAD51-AS1	-
ENSG00000114767	-0.289358	4.955775	0.669895	1 RRP9	K14793
ENSG00000132635	-0.285209	5.149619	0.669956	1 PCED1A	-
ENSG00000087470	-0.280013	7.405698	0.670184	1 DNM1L	K17065
ENSG00000144867	-0.281024	6.624183	0.670309	1 SRPRB	K12272
ENSG00000104331	0.279661	7.500301	0.670326	1 IMPAD1	K15759
ENSG00000144061	-0.818653	-0.489463	0.670342	1 NPHP1	K19657
ENSG00000197748	-0.818653	-0.489463	0.670342	1 WDR96	-
ENSG00000205572	-0.818653	-0.489463	0.670342	1 SERF1B	-
ENSG00000228363	-0.818653	-0.489463	0.670342	1 AC015971.2	-
ENSG00000231360	-0.818653	-0.489463	0.670342	1 AL592284.1	K15258
ENSG00000243251	-0.818653	-0.489463	0.670342	1 PGBD3	K10841

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ENSG00000260655	-0.818653	-0.489463	0.670342	1 CTA-250D10.23	-
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ENSG00000272140	-0.818653	-0.489463	0.670342	1 RP11-574K11.29	-
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ENSG00000124251	0.801779	-0.512045	0.670342	1 TP53TG5	-
ENSG00000125910	0.801779	-0.512045	0.670342	1 S1PR4	K04293
ENSG00000126460	0.801779	-0.512045	0.670342	1 PRRG2	-
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ENSG00000169067	0.801779	-0.512045	0.670342	1 ACTBL2	K05692
ENSG00000175229	0.801779	-0.512045	0.670342	1 GAL3ST3	K09676
ENSG00000178430	0.801779	-0.512045	0.670342	1 AC006111.1	K12581
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ENSG00000214514	0.801779	-0.512045	0.670342	1 KRT42P	K07604
ENSG00000225793	0.801779	-0.512045	0.670342	1 RP1-234P15.4	-
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ENSG00000229261	0.801779	-0.512045	0.670342	1 RP11-227H15.4	-
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ENSG00000240445	0.801779	-0.512045	0.670342	1 FOXO3B	K09408
ENSG00000251000	0.801779	-0.512045	0.670342	1 AC008592.3	K00682
ENSG00000253459	0.801779	-0.512045	0.670342	1 AL139099.1	K10348
ENSG00000259321	0.801779	-0.512045	0.670342	1 RP11-468E2.5	-
ENSG00000260747	0.801779	-0.512045	0.670342	1 RP11-421N8.1	K02127
ENSG00000260872	0.801779	-0.512045	0.670342	1 RP11-680G24.5	-
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ENSG00000224550	0.61337	-0.435981	0.670342	1 RP11-270C12.3	K03948
ENSG00000224728	0.61337	-0.435981	0.670342	1 AC090945.1	K00088
ENSG00000225083	0.61337	-0.435981	0.670342	1 GRTP1-AS1	-
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ENSG00000232485	0.61337	-0.435981	0.670342	1 AC098820.3	-
ENSG00000256894	0.61337	-0.435981	0.670342	1 RP11-283G6.3	-
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ENSG00000258384	0.61337	-0.435981	0.670342	1 AC068831.6	-
ENSG00000260423	0.61337	-0.435981	0.670342	1 RP13-735L24.1	-
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ENSG00000273008	0.61337	-0.435981	0.670342	1 RP11-351D16.3	-
ENSG00000178057	-0.283694	5.844931	0.670437	1 NDUFAF3	K09008
ENSG00000167645	-0.281518	6.303834	0.670551	1 YIF1B	K17985
ENSG00000144560	0.286629	4.100235	0.670568	1 VGLL4	-
ENSG00000173992	0.288732	4.629881	0.670629	1 CCS	K04569
ENSG00000153310	-0.279315	7.652271	0.670687	1 FAM49B	-
ENSG00000055147	-0.297969	3.989414	0.670744	1 FAM114A2	-
ENSG00000148803	-0.289703	4.554837	0.670755	1 FUOM	K02431
ENSG00000109756	-0.2904	4.736707	0.670813	1 RAPGEF2	K08018
ENSG00000179085	0.28841	4.730894	0.670813	1 DPM3	K09659

ENSG00000100439	0.291481	4.241503	0.670834	1 ABHD4	K13698
ENSG00000104983	-0.300162	2.797198	0.670933	1 CCDC61	K16755
ENSG00000145569	0.281777	5.72804	0.670946	1 FAM105A	-
ENSG00000138614	-0.285604	5.507335	0.670984	1 VWA9	-
ENSG00000134809	-0.282103	5.479135	0.671235	1 TIMM10	K17778
ENSG00000160221	-0.280191	6.607663	0.671266	1 C21orf33	-
ENSG00000254332	-0.318981	2.489281	0.671374	1 GS1-44D20.1	K10375
ENSG00000059378	-0.280897	5.815682	0.671434	1 PARP12	K15259
ENSG00000164967	-0.289485	4.182667	0.671436	1 RPP25L	K14525
ENSG00000022976	-0.293502	3.909977	0.671463	1 ZNF839	-
ENSG00000126001	0.28187	5.549226	0.671478	1 CEP250	K16464
ENSG00000214753	0.283368	5.448245	0.671496	1 HNRNPUL2	-
ENSG00000159063	-0.281755	5.978051	0.671532	1 ALG8	K03849
ENSG00000176915	-0.278506	7.580636	0.67166	1 ANKLE2	-
ENSG00000100664	0.278059	7.808753	0.67182	1 EIF5	K03262
ENSG00000233608	-0.350197	2.097332	0.67196	1 TWIST2	K09069
ENSG00000168000	0.340585	2.067237	0.67196	1 BSCL2	K19365
ENSG00000187187	0.340585	2.067237	0.67196	1 ZNF546	K09228
ENSG00000177106	-0.280162	6.37364	0.671961	1 EPS8L2	K17277
ENSG00000177283	-0.315524	2.889289	0.671981	1 FZD8	K02375
ENSG00000143870	0.277404	8.359871	0.672169	1 PDIA6	K09584
ENSG00000092148	0.27934	6.446524	0.672275	1 HECTD1	K12231
ENSG00000111490	-0.292435	4.387041	0.672319	1 TBC1D30	-
ENSG00000082458	0.289341	4.3808	0.672319	1 DLG3	K12075
ENSG00000113761	-0.290376	3.997585	0.672398	1 ZNF346	-
ENSG00000143543	-0.277257	8.322608	0.672432	1 JTB	-
ENSG00000105447	-0.280775	5.736565	0.672445	1 GRWD1	K14848
ENSG00000067066	-0.28677	4.967015	0.672452	1 SP100	K15413
ENSG00000137824	0.280738	5.313401	0.672477	1 RMDN3	-
ENSG00000008324	-0.291876	4.15098	0.6725	1 SS18L2	-
ENSG00000183077	0.288474	4.284966	0.672582	1 AFMID	K01432
ENSG00000166436	0.32329	2.581123	0.67263	1 TRIM66	K12032
ENSG00000081307	-0.280096	6.082574	0.672633	1 UBA5	K12164
ENSG00000002016	-0.295309	3.683189	0.672653	1 RAD52	K10873
ENSG00000165730	0.359464	1.513935	0.672668	1 STOX1	-
ENSG00000187796	0.359464	1.513935	0.672668	1 CARD9	K12794
ENSG00000234498	0.359464	1.513935	0.672668	1 RPL13AP20	K02872
ENSG00000130204	-0.277708	7.280865	0.672901	1 TOMM40	K11518
ENSG00000166913	-0.276819	8.277448	0.672949	1 YWHAB	K16197
ENSG00000147677	0.276379	9.041942	0.673002	1 EIF3H	K03247
ENSG00000168778	0.298197	3.263762	0.673043	1 TCTN2	K19361
ENSG00000149554	-0.280638	5.652855	0.673049	1 CHEK1	K02216
ENSG00000137842	-0.287051	4.862482	0.673064	1 TMEM62	K10625
ENSG00000188549	0.284949	5.10592	0.673109	1 C15orf52	-
ENSG00000144741	-0.290778	3.921558	0.673206	1 SLC25A26	K15111
ENSG00000196652	-0.289068	4.698409	0.673283	1 ZKSCAN5	K09229
ENSG00000215030	0.278005	6.641655	0.673368	1 RPL13P12	K02873
ENSG00000166839	0.329596	2.216391	0.673545	1 ANKDD1A	K12581
ENSG00000213689	0.287564	4.507825	0.67356	1 TREX1	K10790
ENSG00000108641	-0.286707	4.393269	0.673575	1 B9D1	K16744
ENSG00000161647	-0.286707	4.393269	0.673575	1 MPP3	-
ENSG00000188985	-0.284978	4.26469	0.673592	1 DHFRP1	K00287
ENSG00000172795	-0.282983	5.306158	0.67364	1 DCP2	K12613
ENSG00000108091	0.277588	6.746797	0.673644	1 CCDC6	K09288
ENSG00000099822	0.280388	5.716394	0.67369	1 HCN2	K04955
ENSG00000183431	-0.276597	7.614118	0.673747	1 SF3A3	K12827
ENSG00000114744	-0.278533	5.73163	0.673812	1 COMMD2	-
ENSG00000141994	-0.282957	4.866979	0.673969	1 DUS3L	K05544

ENSG00000132004	0.292637	4.152954	0.673974	1 FBXW9	K10265
ENSG00000115514	-0.278992	6.294943	0.673994	1 TXNDC9	-
ENSG00000142541	0.274894	11.36943	0.674251	1 RPL13A	K02872
ENSG00000164187	0.282649	5.073691	0.674278	1 LMBRD2	-
ENSG00000101901	-0.28447	4.703441	0.674296	1 ALG13	K07432
ENSG00000100815	-0.281642	4.912774	0.674388	1 TRIP11	-
ENSG00000007341	-0.28871	4.365923	0.674535	1 ST7L	-
ENSG00000138032	-0.279714	5.592407	0.674545	1 PPM1B	K04461
ENSG00000174238	0.276878	6.174127	0.674601	1 PITPNA	-
ENSG00000169871	0.294099	3.684832	0.67468	1 TRIM56	K12756
ENSG00000106992	0.284526	4.082227	0.674773	1 AK1	K00939
ENSG00000076108	0.276484	6.802143	0.674776	1 BAZ2A	K15224
ENSG00000215193	0.278893	5.578007	0.67497	1 PEX26	K13340
ENSG00000137880	0.279685	5.710535	0.675081	1 GCHFR	-
ENSG00000184056	-0.286614	4.430313	0.675096	1 VPS33B	-
ENSG00000151748	-0.278518	5.468292	0.675102	1 SAV1	K16686
ENSG00000138944	0.284116	4.572012	0.675209	1 KIAA1644	-
ENSG00000104884	-0.2775	5.844939	0.675274	1 ERCC2	K10844
ENSG00000105699	0.289226	3.960566	0.675305	1 LSR	-
ENSG00000135736	0.289226	3.960566	0.675305	1 CCDC102A	K16759
ENSG00000166377	-0.29888	2.906509	0.675443	1 ATP9B	K01530
ENSG00000153975	-0.281667	4.938715	0.675446	1 ZUFSP	-
ENSG00000101856	-0.275208	7.462203	0.675458	1 PGRMC1	K17278
ENSG00000167685	0.283165	5.039385	0.675502	1 ZNF444	K09230
ENSG00000166226	-0.27435	8.520352	0.675553	1 CCT2	K09494
ENSG00000116731	0.304943	3.277264	0.675706	1 PRDM2	K11432
ENSG00000087088	-0.277917	5.95706	0.67577	1 BAX	K02159
ENSG00000117505	-0.274988	7.38071	0.675799	1 DR1	-
ENSG00000236859	0.324581	2.498193	0.675907	1 NIFK-AS1	-
ENSG00000265096	0.324581	2.498193	0.675907	1 C1QTNF1-AS1	-
ENSG00000137309	-0.273777	8.746351	0.676077	1 HMGA1	K09282
ENSG00000100865	-0.2814	4.686515	0.6761	1 CINP	-
ENSG00000157741	-0.281749	5.026001	0.676136	1 UBN2	K17492
ENSG00000167670	0.27485	7.033585	0.67624	1 CHAF1A	K10750
ENSG00000064601	0.274019	7.872893	0.676266	1 CTSA	K13289
ENSG00000096433	0.274406	7.388095	0.67629	1 ITPR3	K04960
ENSG00000117222	-0.284758	4.438406	0.676306	1 RBBP5	K14961
ENSG00000140632	0.278113	5.571558	0.676506	1 GLYR1	-
ENSG00000137942	0.275015	6.737352	0.676519	1 FNBP1L	-
ENSG00000243554	-0.36819	1.957939	0.676549	1 AC004967.7	-
ENSG00000177409	-0.34718	1.94562	0.676549	1 SAMD9L	-
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ENSG00000003393	-0.285159	4.136044	0.6766	1 ALS2	K04575
ENSG00000140718	0.29531	3.926257	0.676639	1 FTO	K19469
ENSG00000143815	-0.276889	6.273594	0.676748	1 LBR	K19532
ENSG00000198804	0.272538	13.96935	0.676795	1 MT-CO1	K02256
ENSG00000102053	-0.387832	1.037639	0.676811	1 ZC3H12B	K18668
ENSG00000226471	-0.387832	1.037639	0.676811	1 CTA-292E10.6	-
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ENSG00000213079	-0.282941	4.664236	0.676922	1 SCAF8	K13191
ENSG00000185246	-0.281655	4.925803	0.676989	1 PRPF39	K13217
ENSG00000163625	-0.282899	4.211275	0.67715	1 WDFY3	-
ENSG00000126882	0.285674	4.013207	0.677263	1 FAM78A	K15696
ENSG00000104219	-0.285339	4.019311	0.677263	1 ZDHHC2	K18932
ENSG00000171763	-0.277243	5.371096	0.677304	1 SPATA5L1	-
ENSG00000214455	-0.314398	3.158457	0.677357	1 RCN1P2	-
ENSG00000100241	0.273541	6.991408	0.677757	1 SBF1	K18061
ENSG00000134871	0.272368	8.313941	0.677808	1 COL4A2	K06237

ENSG00000119431	0.278186	5.354767	0.677826	1 HDHD3	K02159
ENSG00000107341	0.273909	6.578718	0.67804	1 UBE2R2	K02207
ENSG00000164038	-0.290921	3.895298	0.678041	1 SLC9B2	K00019
ENSG00000119541	-0.275906	5.650244	0.678063	1 VPS4B	K12196
ENSG00000107669	-0.279492	5.095546	0.678137	1 ATE1	K00685
ENSG00000146574	-0.277606	5.205282	0.678141	1 CCZ1B	-
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ENSG00000120837	-0.275263	5.812576	0.678152	1 NFYB	K08065
ENSG00000136840	0.277627	5.222244	0.678257	1 ST6GALNAC4	K03374
ENSG00000129667	-0.280476	4.99474	0.67827	1 RHBDF2	-
ENSG00000227345	-0.285095	4.180214	0.678318	1 PARG	K07759
ENSG00000186300	0.293889	3.646796	0.678336	1 ZNF555	K09228
ENSG00000162409	-0.274647	5.70333	0.678401	1 PRKAA2	K07198
ENSG00000097021	-0.274812	6.175203	0.678457	1 ACOT7	K17360
ENSG00000102900	-0.27314	6.903492	0.678544	1 NUP93	K14309
ENSG00000165813	-0.292954	3.986599	0.678599	1 C10orf118	-
ENSG00000127561	-0.29505	3.713566	0.678664	1 SYNGR3	-
ENSG00000221926	-0.282903	4.253232	0.678767	1 TRIM16	K09228
ENSG00000063854	0.275092	5.728034	0.679053	1 HAGH	K01069
ENSG00000165591	-0.291387	3.81352	0.679253	1 FAAH2	K19176
ENSG00000204852	-0.291387	3.81352	0.679253	1 TCTN1	K19382
ENSG00000175505	-0.297776	3.008105	0.679347	1 CLCF1	K05421
ENSG00000152503	0.409081	1.314887	0.679362	1 TRIM36	K12013
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ENSG00000175772	0.367463	1.334896	0.679362	1 LINC01106	-
ENSG00000142186	0.271452	7.523596	0.679441	1 SCYL1	K08876
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ENSG00000042429	-0.27432	5.887	0.679478	1 MED17	K15133
ENSG00000138074	-0.277119	5.082672	0.679548	1 SLC5A6	K14386
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ENSG00000226015	-0.305654	2.408414	0.679644	1 CCT8P1	K09500
ENSG00000227081	0.272098	6.785106	0.679686	1 RP11-543P15.1	K02978
ENSG00000138018	-0.273874	5.576893	0.6797	1 EPT1	K00993
ENSG00000114270	-0.285035	4.223071	0.679935	1 COL7A1	K16628
ENSG00000118363	-0.274536	5.808675	0.67994	1 SPCS2	K12947
ENSG00000062598	-0.276869	5.023298	0.680005	1 ELMO2	K18985
ENSG00000073331	-0.282817	3.6131	0.680092	1 ALPK1	K08868
ENSG00000095002	-0.271809	6.81485	0.68018	1 MSH2	K08735
ENSG00000214182	0.289886	2.514816	0.68032	1 PTMAP5	K13784
ENSG00000036549	-0.271856	6.629091	0.680482	1 ZZZ3	-
ENSG00000099331	0.272449	5.832668	0.680519	1 MYO9B	K10360
ENSG00000025772	-0.271661	6.654532	0.680649	1 TOMM34	K17766
ENSG00000183508	0.275112	5.179268	0.680774	1 FAM46C	-
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ENSG00000176148	0.280216	3.764693	0.680856	1 TCP11L1	-
ENSG00000127328	-0.281364	4.655564	0.68087	1 RAB3IP	K16779
ENSG00000171490	-0.269494	8.720028	0.680873	1 RSL1D1	K14775
ENSG00000249042	-0.294889	3.316047	0.680906	1 CTD-2015H6.3	-
ENSG00000181240	0.345764	1.574563	0.680978	1 SLC25A41	K14684
ENSG00000226237	0.345764	1.574563	0.680978	1 RP11-276H19.1	-
ENSG00000083123	-0.280655	4.155802	0.680986	1 BCKDHB	K00167
ENSG00000126822	0.278055	5.085387	0.681075	1 PLEKHG3	-
ENSG00000120727	0.27018	7.221535	0.681198	1 PAIP2	-
ENSG00000213593	-0.270157	7.31541	0.681267	1 TMX2	-
ENSG00000182473	-0.272916	5.148363	0.681328	1 EXOC7	K07195
ENSG00000017797	0.270607	6.152053	0.681526	1 RALBP1	K08773
ENSG00000115866	-0.272537	6.163035	0.681565	1 DARS	K01876

ENSG00000123728	-0.270418	6.172787	0.681603	1 RAP2C	K07839
ENSG00000047365	-0.299496	2.852891	0.681793	1 ARAP2	K18440
ENSG00000167637	-0.299496	2.852891	0.681793	1 ZNF283	K09228
ENSG00000213965	-0.275828	5.277076	0.681847	1 NUDT19	K13355
ENSG00000115109	-0.279803	4.662492	0.68189	1 EPB41L5	-
ENSG00000102710	-0.271237	6.068957	0.681925	1 SUPT20H	-
ENSG00000004961	-0.271937	6.357195	0.68199	1 HCCS	K01764
ENSG00000237989	0.330041	1.780073	0.682082	1 AP001046.5	-
ENSG00000151364	-0.303857	2.935592	0.682157	1 KCTD14	K03968
ENSG00000176542	-0.303857	2.935592	0.682157	1 KIAA2018	K07560
ENSG00000092929	-0.272078	5.855576	0.68237	1 UNC13D	K19728
ENSG00000163026	-0.289082	3.679683	0.682371	1 C2orf44	-
ENSG00000114439	-0.272425	5.988454	0.682414	1 BBX	-
ENSG00000100219	-0.26836	8.16632	0.682463	1 XBP1	K09027
ENSG00000105136	-0.292598	3.029622	0.682477	1 ZNF419	K09228
ENSG00000233328	-0.292598	3.029622	0.682477	1 PFN1P1	K05759
ENSG00000107745	0.271633	6.220784	0.682481	1 MICU1	-
ENSG00000104129	-0.285064	4.201802	0.682551	1 DNAJC17	K09537
ENSG00000099940	0.269977	5.922279	0.682605	1 SNAP29	K08509
ENSG00000182518	-0.296817	3.103004	0.682761	1 FAM104B	-
ENSG00000251136	-0.334618	1.990033	0.682879	1 RP11-37B2.1	-
ENSG00000186395	-0.275284	4.954323	0.682902	1 KRT10	K07604
ENSG00000100142	-0.272333	5.59241	0.682938	1 POLR2F	K03014
ENSG00000105220	0.267402	8.853584	0.683101	1 GPI	K01810
ENSG00000011021	-0.299604	3.257754	0.683242	1 CLCN6	K05015
ENSG00000137207	0.269207	6.579161	0.68328	1 YIPF3	-
ENSG00000176563	0.54798	0.209188	0.683327	1 CNTD1	-
ENSG00000235531	0.54798	0.209188	0.683327	1 RP11-383H13.1	K04984
ENSG00000247121	0.54798	0.209188	0.683327	1 CTD-2260A17.2	-
ENSG00000247199	0.54798	0.209188	0.683327	1 RP11-373N22.3	-
ENSG00000261659	0.54798	0.209188	0.683327	1 LA16c-313D11.12	-
ENSG00000272831	0.54798	0.209188	0.683327	1 RP11-792A8.4	-
ENSG00000003147	-0.47101	0.295755	0.683327	1 ICA1	-
ENSG00000139547	-0.47101	0.295755	0.683327	1 RDH16	K11154
ENSG00000142661	-0.47101	0.295755	0.683327	1 MYOM3	-
ENSG00000273466	-0.47101	0.295755	0.683327	1 RP11-548H3.1	-
ENSG00000108797	0.449586	0.254364	0.683327	1 CNTNAP1	K07379
ENSG00000153165	0.449586	0.254364	0.683327	1 RGPD3	K12172
ENSG00000154874	0.449586	0.254364	0.683327	1 CCDC144B	K09537
ENSG00000197506	0.449586	0.254364	0.683327	1 SLC28A3	K11536
ENSG00000232803	0.449586	0.254364	0.683327	1 RP11-93B14.5	-
ENSG00000254910	0.449586	0.254364	0.683327	1 RP11-326C3.7	-
ENSG00000261089	0.449586	0.254364	0.683327	1 RP11-435I10.3	K09554
ENSG00000265437	0.449586	0.254364	0.683327	1 RP11-757O6.4	-
ENSG00000126698	-0.26861	7.066623	0.683338	1 DNAJC8	K09528
ENSG00000060642	-0.290749	3.333468	0.683447	1 PIGV	K07542
ENSG00000234009	0.280156	4.045525	0.683536	1 RPL5P34	K02932
ENSG00000198825	-0.278066	4.051302	0.683536	1 INPP5F	-
ENSG00000117528	0.268473	6.889148	0.683564	1 ABCD3	K05677
ENSG00000226415	0.278839	4.084873	0.683645	1 TPI1P1	K01803
ENSG00000132549	-0.277983	4.589758	0.683704	1 VPS13B	K19526
ENSG00000117697	-0.273843	5.286083	0.683833	1 NSL1	K11545
ENSG00000167699	-0.271179	5.742313	0.683855	1 GLOD4	-
ENSG00000146083	-0.273821	5.56861	0.683935	1 RNF44	K19041
ENSG00000254893	0.335136	2.280655	0.683945	1 RP11-466P24.2	K07836
ENSG00000197208	0.31472	2.290442	0.683945	1 SLC22A4	K08202
ENSG00000125968	-0.266603	8.9404	0.684012	1 ID1	K04680
ENSG00000127993	-0.285006	4.244031	0.684026	1 RBM48	K15696

ENSG00000165312	0.268226	6.769076	0.684034	1 OTUD1	K13716
ENSG00000140471	-0.292506	3.634576	0.68423	1 LINS	-
ENSG00000167395	0.273239	4.820698	0.684265	1 ZNF646	-
ENSG00000105701	0.26657	8.13678	0.684402	1 FKBP8	K09574
ENSG00000151176	0.280444	4.408002	0.684407	1 PLBD2	-
ENSG00000116133	0.266366	8.244948	0.684562	1 DHCR24	K09828
ENSG00000156675	0.271122	4.979438	0.684596	1 RAB11FIP1	K12484
ENSG00000229043	-0.317253	2.557926	0.684618	1 AC091729.9	-
ENSG00000063761	-0.303469	2.550003	0.684618	1 ADCK1	K08869
ENSG00000204650	-0.303469	2.550003	0.684618	1 CRHR1-IT1	K06883
ENSG00000140545	0.288025	3.830862	0.684665	1 MFGE8	K17253
ENSG00000140939	0.278506	4.560926	0.684711	1 NOL3	-
ENSG00000167491	0.26839	6.319193	0.684715	1 GATAD2A	-
ENSG00000110911	-0.268433	6.436721	0.684717	1 SLC11A2	K12347
ENSG00000174485	0.286254	3.876427	0.684756	1 DENND4A	-
ENSG00000116221	0.266308	7.712947	0.685016	1 MRPL37	K17418
ENSG00000100568	-0.269462	5.867633	0.685025	1 VTI1B	K08493
ENSG00000198270	-0.294574	2.76513	0.685079	1 TMEM116	-
ENSG00000204316	-0.282886	4.100707	0.685134	1 MRPL38	K17419
ENSG00000150593	0.26592	7.752171	0.685417	1 PDCD4	K16865
ENSG00000144381	-0.264954	10.32934	0.685497	1 HSPD1	K04077
ENSG00000185379	0.28957	3.031553	0.685548	1 RAD51D	K10871
ENSG00000147133	-0.271661	5.130965	0.685596	1 TAF1	K03125
ENSG00000137100	0.271041	5.276503	0.685775	1 DCTN3	K10425
ENSG00000127837	-0.267297	6.498101	0.685847	1 AAMP	-
ENSG00000178741	-0.265734	7.492239	0.686004	1 COX5A	K02264
ENSG00000187626	0.292344	3.394795	0.686023	1 ZKSCAN4	K09229
ENSG00000121897	-0.286272	3.532124	0.686152	1 LIAS	K03644
ENSG00000085872	0.269938	5.686854	0.686186	1 CHERP	K12841
ENSG00000175556	-0.282822	3.644979	0.686261	1 LONRF3	-
ENSG00000100243	0.265409	7.381483	0.686349	1 CYB5R3	K00326
ENSG00000225241	-0.282871	3.98095	0.686529	1 RP11-640M9.2	K10653
ENSG00000174938	0.26816	5.429013	0.686531	1 SEZ6L2	-
ENSG00000137814	-0.268367	5.523615	0.686587	1 HAUS2	K16585
ENSG00000197694	0.264684	8.009471	0.686602	1 SPTAN1	K06114
ENSG00000070061	-0.266583	6.473668	0.686698	1 IKBKAP	K11373
ENSG00000241506	-0.279219	4.426195	0.686784	1 PSMC1P1	K03062
ENSG00000121964	-0.493762	0.759606	0.686852	1 GTDC1	-
ENSG00000135119	-0.443433	0.729491	0.686852	1 RNFT2	-
ENSG00000166704	-0.443433	0.729491	0.686852	1 ZNF606	K09228
ENSG00000250073	-0.443433	0.729491	0.686852	1 RP11-677M14.3	-
ENSG00000173762	0.38422	0.719999	0.686852	1 CD7	K06457
ENSG00000268262	0.38422	0.719999	0.686852	1 CTC-246B18.8	-
ENSG00000103042	-0.274766	4.604223	0.686864	1 SLC38A7	K14994
ENSG00000166123	-0.271387	5.09681	0.687036	1 GPT2	K00814
ENSG00000162407	-0.269086	5.318274	0.687094	1 PPAP2B	K01080
ENSG00000124562	-0.264846	7.345372	0.68717	1 SNRPC	K11095
ENSG00000114779	-0.268618	5.707533	0.687176	1 ABHD14B	K13706
ENSG00000138750	-0.266929	6.154465	0.687603	1 NUP54	K14308
ENSG00000110104	-0.264978	6.085835	0.687611	1 CCDC86	K14822
ENSG00000135677	0.263626	8.192612	0.687667	1 GNS	K01137
ENSG00000184752	-0.269271	5.614932	0.687678	1 NDUFA12	-
ENSG00000113593	-0.267073	5.484036	0.6877	1 PPWD1	K12736
ENSG00000117481	-0.269516	5.019233	0.687796	1 NSUN4	K17985
ENSG00000135362	0.271501	4.486538	0.68794	1 PRR5L	-
ENSG00000158158	0.275409	4.105455	0.688072	1 CNNM4	K16302
ENSG00000149196	-0.266661	5.859362	0.688079	1 C11orf73	-
ENSG00000143321	-0.262764	9.496896	0.688132	1 HDGF	K16641

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ENSG00000101997	0.34902	1.071792	0.688138	1 CCDC22	-
ENSG00000148057	0.34902	1.071792	0.688138	1 IDNK	K00851
ENSG00000158321	0.34902	1.071792	0.688138	1 AUTS2	-
ENSG00000168734	0.34902	1.071792	0.688138	1 PKIG	-
ENSG00000273247	0.34902	1.071792	0.688138	1 RP11-83A24.2	-
ENSG00000237296	0.277688	3.891398	0.688157	1 SMG1P1	K08873
ENSG00000123989	-0.265147	6.53542	0.688168	1 CHPF	K00747
ENSG00000130338	0.282424	3.751687	0.688219	1 TULP4	K17985
ENSG00000232559	-0.286124	3.598753	0.688291	1 GS1-124K5.12	K16467
ENSG00000181284	0.274706	3.589919	0.688291	1 TMEM102	-
ENSG00000111321	0.26315	8.012696	0.688321	1 LTBR	K03159
ENSG00000167157	0.288085	3.268531	0.688445	1 PRRX2	K09329
ENSG00000091732	-0.269702	5.163104	0.688472	1 ZC3HC1	-
ENSG00000223803	0.280378	3.203508	0.688482	1 RPS20P14	K02969
ENSG00000248508	0.280378	3.203508	0.688482	1 SRP14-AS1	-
ENSG00000135913	0.294085	3.124915	0.688521	1 USP37	K11850
ENSG00000225648	0.297589	3.047362	0.688562	1 SBDSP1	K14574
ENSG00000117318	0.262717	8.262621	0.688645	1 ID3	K17694
ENSG00000258056	-0.30465	2.88307	0.688653	1 RP11-644F5.11	-
ENSG00000259877	-0.395562	1.398267	0.688667	1 RP11-46C24.7	-
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ENSG00000259901	-0.36397	1.379584	0.688667	1 RP5-991G20.4	-
ENSG00000263843	-0.36397	1.379584	0.688667	1 RP11-649A18.12	-
ENSG00000132640	-0.263036	7.849071	0.688678	1 BTBD3	K10478
ENSG00000165997	-0.267059	5.633582	0.6887	1 ARL5B	K07950
ENSG00000104880	0.264783	5.631239	0.6887	1 ARHGEF18	-
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ENSG00000197405	-0.30167	2.678901	0.688752	1 C5AR1	K04010
ENSG00000103150	0.291167	2.674328	0.688752	1 MLYCD	K01578
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ENSG00000217130	0.312498	2.559346	0.688805	1 RP3-375P9.2	K02947
ENSG00000263002	0.312498	2.559346	0.688805	1 ZNF234	K09228
ENSG00000162341	-0.296209	2.579442	0.688805	1 TPCN2	K14077
ENSG00000134900	-0.264762	6.434709	0.688822	1 TPP2	K01280
ENSG00000154079	-0.312508	2.449422	0.688856	1 C6orf57	K17985
ENSG00000149591	-0.322572	1.640116	0.688885	1 TAGLN	-
ENSG00000186132	-0.306932	2.332025	0.688906	1 C2orf76	-
ENSG00000074054	0.265744	5.391849	0.688926	1 CLASP1	K16578
ENSG00000235453	-0.328085	2.17637	0.688947	1 TOPORS-AS1	-
ENSG00000254837	0.301204	2.159943	0.688947	1 AP001372.2	-
ENSG00000264247	-0.352379	1.839211	0.688962	1 LINC00909	-
ENSG00000165698	0.348173	1.816835	0.688962	1 C9orf9	-
ENSG00000146205	0.319698	1.830619	0.688962	1 ANO7	K19501
ENSG00000181619	0.319698	1.830619	0.688962	1 GPR135	K08427
ENSG00000166816	-0.322852	2.033137	0.688972	1 LDHD	K00102
ENSG00000267010	-0.322852	2.033137	0.688972	1 RP11-108P20.1	-
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ENSG00000213468	-0.302722	2.021473	0.688972	1 RP11-453F18__B.1	-
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ENSG00000141068	0.271605	4.189693	0.689418	1 KSR1	K14958
ENSG00000125734	0.263291	6.309246	0.689834	1 GPR108	-
ENSG00000221914	0.263218	6.094723	0.689845	1 PPP2R2A	K04354
ENSG00000105248	-0.270483	4.672789	0.689873	1 CCDC94	K15225
ENSG00000112701	-0.263495	6.569953	0.689943	1 SENP6	K08595
ENSG00000100372	-0.266361	5.772281	0.689985	1 SLC25A17	K13354

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ENSG00000048140	-0.265753	5.720885	0.690076	1 TSPAN17	K10303
ENSG00000124486	0.261755	7.757841	0.690085	1 USP9X	K11840
ENSG00000196154	0.260931	9.68426	0.690115	1 S100A4	-
ENSG00000121621	-0.2651	5.66759	0.690174	1 KIF18A	K10401
ENSG00000167994	0.267203	4.986391	0.690203	1 RAB3IL1	K16779
ENSG00000103254	-0.263892	5.300595	0.690317	1 FAM173A	-
ENSG00000106305	-0.263815	5.996039	0.69042	1 AIMP2	K15438
ENSG00000171940	-0.266356	5.42102	0.690685	1 ZNF217	-
ENSG00000164329	-0.264648	5.861626	0.69071	1 PAPD4	K14079
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ENSG00000198874	-0.268002	4.731673	0.690736	1 TYW1	K15449
ENSG00000271975	0.270048	4.199297	0.690782	1 RP11-383J24.6	-
ENSG00000117533	-0.269928	4.204049	0.690782	1 VAMP4	K08513
ENSG00000100722	-0.265259	5.61672	0.690794	1 ZC3H14	-
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ENSG00000132475	-0.260424	9.311981	0.690818	1 H3F3B	K11253
ENSG00000171159	-0.270692	5.013823	0.690942	1 C9orf16	-
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ENSG00000144579	-0.264566	5.686426	0.69113	1 CTDSP1	K15731
ENSG00000119688	-0.282874	4.005711	0.691256	1 ABCD4	K05678
ENSG00000198915	-0.268962	4.509275	0.691273	1 RASGEF1A	K00746
ENSG00000154222	0.271403	4.412194	0.691523	1 CC2D1B	K18260
ENSG00000112874	-0.277406	3.874373	0.691612	1 NUDT12	K03426
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ENSG00000131653	0.260625	7.256085	0.691859	1 TRAF7	K10646
ENSG00000103657	0.267512	5.196146	0.691909	1 HERC1	K10594
ENSG00000105698	0.262331	6.211902	0.692064	1 USF2	K09106
ENSG00000163110	0.26038	7.290989	0.692094	1 PDLIM5	K17985
ENSG00000033050	-0.261466	6.627357	0.692099	1 ABCF2	K06185
ENSG00000147509	-0.276546	3.672646	0.692202	1 RGS20	K16449
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ENSG00000100239	-0.263419	6.099318	0.692447	1 PPP6R2	K15500
ENSG00000108219	-0.263444	5.021918	0.69249	1 TSPAN14	K17296
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ENSG00000124279	-0.263404	5.537829	0.692625	1 FASTKD3	-
ENSG00000104047	-0.2623	6.140883	0.692669	1 DTWD1	K17934
ENSG00000103024	-0.263642	5.785051	0.692737	1 NME3	K00940
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ENSG00000003989	0.260932	5.609818	0.692888	1 SLC7A2	K13864
ENSG00000181396	0.263979	5.292283	0.69292	1 OGFOD3	-
ENSG00000174695	-0.259539	7.474646	0.692976	1 TMEM167A	-
ENSG00000115944	0.259877	6.901286	0.693177	1 COX7A2L	K02270
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ENSG00000182544	-0.261727	5.481096	0.693405	1 MFSD5	-
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ENSG00000110696	-0.259234	7.29831	0.693528	1 C11orf58	-
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ENSG00000142252	-0.265768	5.110812	0.693665	1 GEMIN7	K13135
ENSG00000122068	0.261439	5.976269	0.693694	1 FYTTD1	K10408
ENSG00000103196	0.307841	2.326077	0.693717	1 CRISPLD2	-
ENSG00000116883	0.288257	2.335536	0.693717	1 RP11-268J15.5	K17985

ENSG00000198707	-0.266691	4.87142	0.693911	1 CEP290	K16533
ENSG00000134758	-0.265386	5.171629	0.694113	1 RNF138	K10668
ENSG00000197444	-0.300284	2.20414	0.694234	1 OGDHL	K00164
ENSG00000173960	-0.274988	4.329242	0.694292	1 UBXN2A	K04613
ENSG00000132824	0.258681	7.050839	0.694307	1 SERINC3	-
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ENSG00000084112	0.263985	5.091868	0.694481	1 SSH1	K05766
ENSG00000143322	0.259659	6.117661	0.694581	1 ABL2	K08887
ENSG00000035115	0.325324	2.036267	0.694839	1 SH3YL1	K14404
ENSG00000122862	-0.259098	6.555138	0.694905	1 SRGN	K06849
ENSG00000100749	-0.260625	5.408696	0.694914	1 VRK1	K08816
ENSG00000090097	0.281595	3.503444	0.694932	1 PCBP4	K13162
ENSG00000138175	0.264189	4.987783	0.695	1 ARL3	K07944
ENSG00000179889	0.25809	7.01496	0.695021	1 PDXDC1	-
ENSG00000164576	0.261464	5.782482	0.695058	1 SAP30L	K19202
ENSG00000105258	-0.268743	4.804028	0.695128	1 POLR2I	K03017
ENSG00000115970	-0.268363	4.616743	0.695144	1 THADA	-
ENSG00000159423	0.283718	3.444165	0.695242	1 ALDH4A1	K00294
ENSG00000167779	-0.2718	3.454034	0.695242	1 IGFBP6	-
ENSG00000101000	-0.26153	5.343301	0.695261	1 PROCR	K06557
ENSG00000128294	0.260091	5.212827	0.695286	1 TPST2	K01021
ENSG00000170185	-0.263135	4.589679	0.695294	1 USP38	K11854
ENSG00000088205	-0.257897	7.025235	0.69541	1 DDX18	K13179
ENSG00000136830	0.256439	8.69558	0.695489	1 FAM129B	-
ENSG00000162576	-0.338651	1.886951	0.695557	1 MXRA8	-
ENSG00000251141	-0.338651	1.886951	0.695557	1 RP11-53O19.1	-
ENSG00000233901	-0.316342	1.873957	0.695557	1 RP11-65J3.1	-
ENSG00000105173	-0.264035	4.532148	0.695611	1 CCNE1	K06626
ENSG00000197008	-0.294116	2.822059	0.695707	1 ZNF138	K09228
ENSG00000198718	-0.294116	2.822059	0.695707	1 FAM179B	K09228
ENSG00000160404	-0.273894	3.746301	0.695748	1 TOR2A	K01056
ENSG00000154832	0.258054	6.555042	0.695819	1 CXXC1	K14960
ENSG00000148660	0.25824	6.431782	0.695857	1 CAMK2G	K04515
ENSG00000138382	-0.258763	5.875131	0.695903	1 METTL5	-
ENSG00000179387	-0.270492	4.266851	0.695911	1 ELMOD2	-
ENSG00000198917	-0.262096	5.381633	0.696277	1 C9orf114	K01173
ENSG00000198839	0.260139	5.273112	0.696282	1 ZNF277	-
ENSG00000170791	-0.258226	5.803214	0.696332	1 CHCHD7	-
ENSG00000143457	-0.261462	5.463334	0.696367	1 GOLPH3L	K15620
ENSG00000107036	0.259546	5.363337	0.696378	1 KIAA1432	-
ENSG00000229124	0.333192	1.632724	0.696416	1 VIM-AS1	-
ENSG00000146963	-0.258517	6.047289	0.6965	1 C7orf55-LUC7L2	K13212
ENSG00000172939	-0.259573	5.841912	0.696545	1 OXSR1	K08835
ENSG00000153317	-0.258276	6.318242	0.696552	1 ASAP1	K12488
ENSG00000197586	-0.261768	5.222962	0.696616	1 ENTPD6	K01511
ENSG00000133193	0.262378	5.102134	0.69665	1 FAM104A	-
ENSG00000054690	0.277146	3.575227	0.6967	1 PLEKHH1	-
ENSG00000124171	-0.278291	3.18203	0.696788	1 PARD6B	K06093
ENSG00000226752	-0.278291	3.18203	0.696788	1 PSMD5-AS1	-
ENSG00000159445	-0.25984	5.298367	0.696806	1 THEM4	K16339
ENSG00000131504	0.255726	7.63882	0.696974	1 DIAPH1	K05740
ENSG00000132254	0.256128	7.164457	0.697031	1 ARFIP2	-
ENSG00000082438	-0.272344	3.524298	0.697067	1 COBLL1	-
ENSG00000120925	-0.272344	3.524298	0.697067	1 RNF170	K15707
ENSG00000163703	0.270881	4.069348	0.697075	1 CRELD1	-
ENSG00000123240	0.256581	6.754871	0.697117	1 OPTN	-
ENSG00000055483	0.258962	6.17104	0.697164	1 USP36	K11855
ENSG00000197296	0.290061	3.089374	0.697275	1 FITM2	K12581

ENSG00000172594	0.278671	3.094785	0.697275	1 SMPDL3A	K01128
ENSG00000214826	-0.2649	4.598757	0.697338	1 DDX12P	K11273
ENSG00000152193	-0.265244	4.863913	0.697436	1 RNF219	-
ENSG00000189280	-0.344399	1.444765	0.697454	1 GJB5	K07624
ENSG00000118564	-0.259101	5.189737	0.697531	1 FBXL5	K10271
ENSG00000153107	-0.256939	6.213528	0.697583	1 ANAPC1	K03348
ENSG00000148154	-0.258714	5.987099	0.697687	1 UGCG	K00720
ENSG00000124767	-0.254756	7.970395	0.697895	1 GLO1	K01759
ENSG00000102543	-0.27051	3.699795	0.697928	1 CDADC1	-
ENSG00000077348	0.259381	5.484988	0.69793	1 EXOSC5	K12590
ENSG00000261221	0.257662	5.40331	0.697932	1 ZNF865	K09228
ENSG00000141232	0.254403	8.254689	0.698012	1 TOB1	K14443
ENSG00000047188	-0.258216	5.920678	0.698166	1 YTHDC2	-
ENSG00000169891	0.265443	4.474778	0.698167	1 REPS2	K12581
ENSG00000118217	-0.257121	5.967635	0.698237	1 ATF6	K09054
ENSG00000171503	-0.269574	3.909697	0.698266	1 ETFDH	K00311
ENSG00000004059	-0.255552	6.843802	0.698342	1 ARF5	K07940
ENSG00000154803	0.269194	4.079787	0.698522	1 FLCN	K09594
ENSG00000128731	0.256656	6.034357	0.698522	1 HERC2	K10595
ENSG00000179406	0.378046	1.130619	0.698707	1 LINC00174	-
ENSG00000258586	0.378046	1.130619	0.698707	1 RP5-1021I20.2	-
ENSG00000131471	0.331	1.153525	0.698707	1 AOC3	K00276
ENSG00000240036	0.331	1.153525	0.698707	1 RP11-587D21.1	K02975
ENSG00000272599	0.331	1.153525	0.698707	1 RP11-152N13.16	-
ENSG00000148120	0.265403	4.685652	0.698707	1 C9orf3	K09606
ENSG00000129292	-0.260127	5.597853	0.698743	1 PHF20L1	K18402
ENSG00000113583	-0.255518	6.608199	0.69882	1 C5orf15	-
ENSG00000169223	0.253746	7.964939	0.698943	1 LMAN2	K10082
ENSG00000081870	-0.257212	6.257706	0.69895	1 HSPB11	K19369
ENSG00000065970	0.258693	5.25253	0.699098	1 FOXJ2	K09403
ENSG00000213523	-0.257128	5.139663	0.699336	1 SRA1	-
ENSG00000105948	-0.268431	4.456372	0.699513	1 TTC26	K19685
ENSG00000006432	0.268177	3.949484	0.699514	1 MAP3K9	K04417
ENSG00000007866	0.26676	4.278369	0.699708	1 TEAD3	K09448
ENSG00000084093	-0.259518	5.078752	0.699833	1 REST	K09222
ENSG00000165494	-0.257821	5.820371	0.699847	1 PCF11	K14400
ENSG00000185880	-0.264109	4.253078	0.700009	1 TRIM69	-
ENSG00000197728	-0.257488	5.220608	0.700051	1 RPS26	K02976
ENSG00000032444	0.254395	6.483719	0.700075	1 PNPLA6	K14676
ENSG00000178921	-0.256659	5.942213	0.700091	1 PFAS	K01952
ENSG00000100596	-0.261021	4.854843	0.700156	1 SPTLC2	K00654
ENSG00000174171	0.419542	0.79418	0.700163	1 RP11-23P13.6	-
ENSG00000183208	0.419542	0.79418	0.700163	1 GDPGP1	K15630
ENSG00000198003	0.419542	0.79418	0.700163	1 CCDC151	K17639
ENSG00000213240	0.419542	0.79418	0.700163	1 NOTCH2NL	-
ENSG00000228283	0.419542	0.79418	0.700163	1 KATNBL1P6	-
ENSG00000271361	0.419542	0.79418	0.700163	1 HTATSFP2	-
ENSG00000120949	-0.405956	0.830285	0.700163	1 TNFRSF8	K05145
ENSG00000229334	-0.405956	0.830285	0.700163	1 AC046143.3	-
ENSG00000156500	0.273985	3.403455	0.700181	1 FAM122C	K17985
ENSG00000135070	-0.256908	5.884063	0.700182	1 ISCA1	K13628
ENSG00000181610	-0.254442	6.531673	0.70019	1 MRPS23	K17402
ENSG00000076351	-0.650888	-0.265519	0.700311	1 SLC46A1	K14613
ENSG00000110944	-0.650888	-0.265519	0.700311	1 IL23A	K05426
ENSG00000135424	-0.650888	-0.265519	0.700311	1 ITGA7	K06583
ENSG00000155984	-0.650888	-0.265519	0.700311	1 TMEM185A	-
ENSG00000164418	-0.650888	-0.265519	0.700311	1 GRIK2	K05202
ENSG00000167971	-0.650888	-0.265519	0.700311	1 CASKIN1	-

ENSG00000169946	-0.650888	-0.265519	0.700311	1 ZFPM2	K17442
ENSG00000208772	-0.650888	-0.265519	0.700311	1 SNORD94	-
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ENSG00000212673	-0.650888	-0.265519	0.700311	1 AL136115.1	-
ENSG00000228409	-0.650888	-0.265519	0.700311	1 CCT6P1	K09498
ENSG00000240303	-0.650888	-0.265519	0.700311	1 ACAD11	K11730
ENSG00000240906	-0.650888	-0.265519	0.700311	1 AP000356.1	-
ENSG00000251661	-0.650888	-0.265519	0.700311	1 RP11-326C3.11	-
ENSG00000262194	-0.650888	-0.265519	0.700311	1 CTD-3195I5.5	-
ENSG00000264109	-0.650888	-0.265519	0.700311	1 MIR4712	-
ENSG00000271754	-0.650888	-0.265519	0.700311	1 RP3-337H4.9	-
ENSG00000273192	-0.650888	-0.265519	0.700311	1 CITF22-1A6.3	-
ENSG00000168806	-0.267868	4.213509	0.700325	1 LCMT2	K15451
ENSG00000111581	-0.253157	7.294995	0.700377	1 NUP107	K14301
ENSG00000198626	-0.331131	2.086217	0.700494	1 RYR2	K04962
ENSG00000240489	-0.331131	2.086217	0.700494	1 SETP14	K11290
ENSG00000135046	-0.251958	8.945117	0.700499	1 ANXA1	K17091
ENSG00000094975	-0.264612	4.699984	0.700594	1 SUCO	-
ENSG00000253719	-0.257524	5.678756	0.700626	1 ATXN7L3B	K11363
ENSG00000213199	0.269415	3.021282	0.700768	1 ASIC3	K04830
ENSG00000197256	0.257711	5.546405	0.700778	1 KANK2	K15225
ENSG00000147676	-0.252769	7.251963	0.70087	1 MAL2	-
ENSG00000072401	-0.256243	5.651128	0.700874	1 UBE2D1	K06689
ENSG00000234664	-0.264754	4.135854	0.701007	1 HMGN2P5	K11300
ENSG00000175550	-0.2533	6.765853	0.701017	1 DRAP1	-
ENSG00000166225	0.258633	4.750727	0.70104	1 FRS2	K12461
ENSG00000052126	-0.258828	5.10699	0.701085	1 PLEKHA5	-
ENSG00000183856	0.254643	6.002519	0.701155	1 IQGAP3	K05767
ENSG00000197063	0.253161	6.0032	0.701155	1 MAFG	K09037
ENSG00000136045	-0.253268	6.692362	0.701189	1 PWP1	K14791
ENSG00000205269	-0.2593	4.833485	0.701222	1 TMEM170B	-
ENSG00000105516	0.258721	4.492481	0.701426	1 DBP	K09056
ENSG00000187778	-0.254512	6.352429	0.70167	1 MCRS1	K11674
ENSG00000029364	0.254881	5.565073	0.701676	1 SLC39A9	K14715
ENSG00000074695	0.25098	8.627014	0.701687	1 LMAN1	K10080
ENSG00000163528	-0.259922	4.785051	0.701692	1 CHCHD4	K17782
ENSG00000213015	0.257201	4.781389	0.701692	1 ZNF580	-
ENSG00000142227	0.252621	6.68061	0.701705	1 EMP3	-
ENSG00000261705	-0.311052	2.519958	0.701744	1 RP11-61A14.2	-
ENSG00000104154	-0.296862	2.51181	0.701744	1 SLC30A4	K14691
ENSG00000229036	-0.296862	2.51181	0.701744	1 RP1-20N2.6	-
ENSG00000107104	-0.255456	5.110792	0.701791	1 KANK1	-
ENSG00000256967	0.310067	1.879438	0.701882	1 RP11-273B20.1	-
ENSG00000184154	-0.304219	1.920622	0.701882	1 LRTOMT	-
ENSG00000099821	-0.251987	7.15233	0.701886	1 POLRMT	K10908
ENSG00000047634	0.253797	5.961534	0.701962	1 SCML1	K11464
ENSG00000081052	0.258247	5.209274	0.702193	1 COL4A4	K06237
ENSG00000110218	-0.260588	4.734935	0.702194	1 PANX1	K03443
ENSG00000099399	-0.254257	5.270259	0.702283	1 MAGEB2	-
ENSG00000131652	-0.254344	5.324834	0.702365	1 THOC6	K13175
ENSG00000134352	-0.251555	7.145232	0.702383	1 IL6ST	K05060
ENSG00000148300	0.287818	2.842777	0.702412	1 REXO4	K18327
ENSG00000105677	-0.251661	6.988478	0.702493	1 TMEM147	-
ENSG00000164253	-0.252572	6.257718	0.702638	1 WDR41	-
ENSG00000156052	0.252561	6.043697	0.702712	1 GNAQ	K04634
ENSG00000077514	0.252274	6.246986	0.702733	1 POLD3	K03504
ENSG00000160959	-0.252721	5.968342	0.702743	1 LRRC14	K10730
ENSG00000176095	0.254979	5.133756	0.702983	1 IP6K1	K07756

ENSG00000134138	-0.264566	3.932778	0.703076	1 MEIS2	K16670
ENSG00000178982	-0.250164	7.968672	0.703085	1 EIF3K	K15028
ENSG00000080189	-0.257066	5.311661	0.703156	1 SLC35C2	K15280
ENSG00000134250	0.250362	7.500155	0.703162	1 NOTCH2	K02599
ENSG00000178974	0.253253	5.362274	0.703204	1 FBXO34	K10311
ENSG00000109861	-0.250027	7.892002	0.703302	1 CTSC	K01275
ENSG00000196422	-0.254132	5.911981	0.703344	1 PPP1R26	K17565
ENSG00000064687	0.250994	6.316943	0.703625	1 ABCA7	K05645
ENSG00000113273	0.277712	3.037196	0.703665	1 ARSB	K01135
ENSG00000136770	0.252444	6.123324	0.703733	1 DNAJC1	K09521
ENSG00000100567	-0.250852	6.78585	0.703742	1 PSMA3	K02727
ENSG00000156232	-0.282756	3.289153	0.703833	1 WHAMM	-
ENSG00000233966	0.268071	3.278016	0.703833	1 UBE2SP1	K10583
ENSG00000164305	-0.253231	5.057848	0.703863	1 CASP3	K02187
ENSG00000136819	-0.253022	6.041327	0.703932	1 C9orf78	K17985
ENSG00000140553	0.250511	6.768202	0.703938	1 UNC45A	-
ENSG00000106546	-0.254086	5.736591	0.703951	1 AHR	K09093
ENSG00000069974	0.255225	4.89642	0.704057	1 RAB27A	K07885
ENSG00000197037	-0.265212	3.98353	0.704139	1 ZSCAN25	K09229
ENSG00000150779	-0.254375	5.224124	0.704148	1 TIMM8B	K17780
ENSG00000141076	0.254238	4.44291	0.704254	1 CIRH1A	K14548
ENSG00000176834	-0.260353	4.720051	0.704301	1 VSIG10	-
ENSG00000148399	-0.257275	4.797697	0.704313	1 DPH7	K17868
ENSG00000243147	-0.251917	5.739056	0.704405	1 MRPL33	K02913
ENSG00000134602	-0.249267	7.517642	0.704515	1 MST4	K08838
ENSG00000110367	0.280473	2.95467	0.704603	1 DDX6	K12614
ENSG00000213753	-0.260301	4.513065	0.704618	1 CENPBD1P1	K17985
ENSG00000088888	0.259213	4.410215	0.704623	1 MAVS	K12648
ENSG00000196295	0.264053	3.784155	0.70465	1 AC005154.6	-
ENSG00000151348	0.251095	6.097905	0.704779	1 EXT2	K02367
ENSG00000074071	-0.248778	7.786838	0.704806	1 MRPS34	K17412
ENSG00000137522	-0.254511	4.483957	0.704978	1 RNF121	K15698
ENSG00000078246	0.254809	5.262862	0.704996	1 TULP3	K19600
ENSG00000175334	-0.248777	7.585811	0.704999	1 BANF1	-
ENSG00000166189	-0.252309	5.687286	0.705028	1 HPS6	-
ENSG00000083807	-0.260903	4.029824	0.70513	1 SLC27A5	K09229
ENSG00000143622	-0.261341	3.891998	0.705184	1 RIT1	K07832
ENSG00000077312	0.249197	6.804395	0.705365	1 SNRPA	K11091
ENSG00000173744	0.249211	6.620287	0.705663	1 AGFG1	K15044
ENSG00000093000	0.248597	7.046816	0.705686	1 NUP50	K14295
ENSG00000004975	0.250903	5.922971	0.705745	1 DVL2	K02353
ENSG00000100591	-0.248402	7.28494	0.705763	1 AHSA1	-
ENSG00000100290	0.337137	1.468701	0.705766	1 BIK	K18452
ENSG00000109771	0.337137	1.468701	0.705766	1 LRP2BP	K11447
ENSG00000187066	0.337137	1.468701	0.705766	1 TMEM262	-
ENSG00000204758	-0.326651	1.507164	0.705766	1 CTC-308K20.1	-
ENSG00000254429	-0.297007	1.489911	0.705766	1 CTD-2562J17.7	-
ENSG00000259994	-0.297007	1.489911	0.705766	1 RP11-305E6.4	-
ENSG00000114125	-0.251811	5.664148	0.705833	1 RNF7	K10611
ENSG00000173575	0.249878	6.215419	0.705843	1 CHD2	K11367
ENSG00000143369	0.250957	4.666833	0.70587	1 ECM1	-
ENSG00000179361	-0.267244	3.682785	0.705889	1 ARID3B	-
ENSG00000164318	-0.251815	4.808661	0.706036	1 EGFLAM	-
ENSG00000150687	0.246725	9.993797	0.706108	1 PRSS23	K09627
ENSG00000186184	0.248347	6.909297	0.706164	1 POLR1D	K03020
ENSG00000100418	-0.249991	6.188538	0.706202	1 DESI1	-
ENSG00000115840	-0.258327	4.280345	0.706277	1 SLC25A12	K15105
ENSG00000180263	0.250038	5.044793	0.706291	1 FGD6	K05724

ENSG00000089050	-0.259264	4.554666	0.706323	1 RBBP9	K07002
ENSG00000163960	0.248403	6.062862	0.706355	1 UBXN7	-
ENSG00000146535	-0.253289	5.622073	0.706363	1 GNA12	K04346
ENSG00000137409	0.247093	8.054333	0.706408	1 MTCH1	K17885
ENSG00000159720	0.251147	5.720536	0.706543	1 ATP6V0D1	K02146
ENSG00000170310	-0.258647	4.040492	0.706586	1 STX8	K08501
ENSG00000013561	-0.249319	6.25084	0.706768	1 RNF14	K11971
ENSG00000170876	-0.249416	6.36153	0.706894	1 TMM43	-
ENSG00000137494	0.257191	4.123372	0.706927	1 ANKRD42	K17593
ENSG00000171097	0.25385	4.982266	0.707133	1 CCBL1	K00816
ENSG00000162073	-0.249007	5.944362	0.707173	1 PAQR4	K06633
ENSG00000159388	0.253738	4.782998	0.707222	1 BTG2	K14443
ENSG00000174915	0.248878	6.022908	0.707275	1 PTDSS2	K08730
ENSG00000136868	-0.24785	6.59197	0.707502	1 SLC31A1	K14686
ENSG00000255302	-0.246415	7.613601	0.707646	1 EID1	K17449
ENSG00000174442	-0.2475	6.720903	0.707648	1 ZWILCH	K11579
ENSG00000165304	-0.247158	6.944006	0.707653	1 MELK	K08799
ENSG00000104497	-0.271198	3.380166	0.707692	1 SNX16	K17928
ENSG00000172339	0.270275	3.374202	0.707692	1 ALG14	K07441
ENSG00000119596	-0.253391	4.816462	0.707739	1 YLPM1	K17602
ENSG00000185222	-0.246515	7.376899	0.707789	1 WBP5	-
ENSG00000117751	-0.249353	5.658957	0.707913	1 PPP1R8	K13216
ENSG00000159753	0.301076	1.926646	0.707955	1 RLTPR	-
ENSG00000135378	0.262058	3.796869	0.70807	1 PRRG4	K12581
ENSG00000224597	0.262058	3.796869	0.70807	1 PTCHD3P1	-
ENSG00000116685	0.247197	6.539041	0.708092	1 KIAA2013	-
ENSG00000131153	-0.249096	5.744789	0.708169	1 GINS2	K10733
ENSG00000106993	-0.256745	4.845716	0.708237	1 CDC37L1	-
ENSG00000157800	-0.24935	5.443335	0.708278	1 SLC37A3	K03447
ENSG00000119682	-0.252343	4.896594	0.70838	1 AREL1	-
ENSG00000180370	-0.247022	6.591519	0.708439	1 PAK2	K04410
ENSG00000122966	0.247333	5.616091	0.708505	1 CIT	K16308
ENSG00000033800	0.251419	4.94142	0.708513	1 PIAS1	K04706
ENSG00000163682	-0.245341	8.011937	0.708517	1 RPL9	K02940
ENSG00000168769	-0.258539	3.315342	0.708627	1 TET2	-
ENSG00000065057	-0.250348	5.322643	0.708807	1 NTHL1	K10773
ENSG00000124104	-0.277212	2.894194	0.708834	1 SNX21	K17932
ENSG00000172239	-0.244787	8.251706	0.708979	1 PAIP1	K14322
ENSG00000090615	0.246081	6.713592	0.70904	1 GOLGA3	-
ENSG00000119943	0.301254	2.263874	0.709088	1 PYROXD2	-
ENSG00000180423	0.280838	2.273774	0.709088	1 HARBI1	K12581
ENSG00000237214	0.246712	5.951624	0.709111	1 RP11-12M9.3	K02997
ENSG00000134690	-0.2473	5.606875	0.709199	1 CDCA8	K11514
ENSG00000020577	0.253318	4.502233	0.709211	1 SAMD4A	-
ENSG00000099256	-0.257971	4.259905	0.709234	1 PRTFDC1	-
ENSG00000214087	-0.250818	5.108245	0.709261	1 ARL16	K09228
ENSG00000165792	-0.246878	5.653747	0.709533	1 METTL17	-
ENSG00000175087	-0.255257	3.706309	0.709539	1 PDIK1L	K17539
ENSG00000087460	0.243562	10.32122	0.70965	1 GNAS	K04632
ENSG00000134852	-0.256138	4.476114	0.709671	1 CLOCK	-
ENSG00000132953	-0.249916	5.346527	0.709732	1 XPO4	-
ENSG00000099949	-0.248024	5.499611	0.709738	1 LZTR1	-
ENSG00000162664	-0.24682	6.274807	0.709758	1 ZNF326	K13204
ENSG00000108786	0.284528	2.545346	0.709771	1 HSD17B1	K00044
ENSG00000143995	-0.282556	2.57164	0.709771	1 MEIS1	K15613
ENSG00000174928	-0.268772	2.563791	0.709771	1 C3orf33	K08857
ENSG00000158169	-0.253098	4.802399	0.709795	1 FANCC	K10890
ENSG00000041988	0.253839	4.599601	0.7099	1 THAP3	-

ENSG00000114331	-0.247361	5.980891	0.70992	1 ACAP2	K12489
ENSG00000197798	0.262909	3.909213	0.709934	1 FAM118B	-
ENSG00000089154	0.244056	7.940965	0.709935	1 GCN1L1	-
ENSG00000167778	0.24855	5.108539	0.70995	1 SPRYD3	-
ENSG00000139842	0.243499	8.701106	0.710138	1 CUL4A	K10609
ENSG00000179833	0.245372	6.286314	0.710233	1 SERTAD2	-
ENSG00000132300	-0.244468	7.241039	0.710276	1 PTCF3	K17659
ENSG00000139625	0.261068	3.761721	0.710514	1 MAP3K12	K04423
ENSG00000184014	0.244498	6.879386	0.710568	1 DENND5A	-
ENSG00000148484	-0.248583	5.331373	0.710584	1 RSU1	-
ENSG00000198900	-0.245238	6.505424	0.710637	1 TOP1	K03163
ENSG00000084731	0.257333	3.867791	0.71065	1 KIF3C	K10394
ENSG00000150787	-0.247456	5.825028	0.710682	1 PTS	K01737
ENSG00000079785	-0.243673	7.680911	0.710691	1 DDX1	K13177
ENSG00000106086	-0.251469	4.856323	0.710705	1 PLEKHA8	K08051
ENSG00000145817	-0.244933	6.31828	0.710722	1 YIPF5	K17985
ENSG00000125912	-0.244198	7.109231	0.71076	1 NCLN	-
ENSG00000111331	-0.247346	5.703354	0.710761	1 OAS3	K14216
ENSG00000087995	-0.249387	5.236953	0.710777	1 METTL2A	K15696
ENSG00000176842	-0.269367	3.176999	0.710784	1 IRX5	-
ENSG00000164062	-0.244273	6.990577	0.710849	1 APEH	K01303
ENSG00000138764	0.254154	4.14341	0.71096	1 CCNG2	K10146
ENSG00000170113	0.245008	6.086307	0.710961	1 NIPA1	K19364
ENSG00000177463	0.262377	3.313867	0.710968	1 NR2C2	K08544
ENSG00000169251	-0.243667	7.393942	0.710999	1 NMD3	K07562
ENSG00000145545	-0.245053	6.430714	0.71101	1 SRD5A1	K12343
ENSG00000024862	-0.261007	3.465797	0.711114	1 CCDC28A	-
ENSG00000198538	-0.263024	3.602009	0.711232	1 ZNF28	K09228
ENSG00000111144	-0.243691	7.162799	0.711261	1 LTA4H	K01254
ENSG00000205581	-0.242656	8.459624	0.711277	1 HMGN1	K11299
ENSG00000077238	0.247402	5.472188	0.711283	1 IL4R	K05071
ENSG00000166348	0.24799	4.511918	0.711284	1 USP54	K11447
ENSG00000127191	0.24379	6.868528	0.711387	1 TRAF2	K03173
ENSG00000130396	0.247018	5.554833	0.711593	1 MLLT4	K05702
ENSG00000197780	-0.243897	5.991265	0.711792	1 TAF13	K03127
ENSG00000213463	-0.282599	2.698744	0.711807	1 SYNJ2BP	-
ENSG00000188342	-0.244231	6.003607	0.711981	1 GTF2F2	K03139
ENSG00000177731	-0.242579	7.598556	0.712014	1 FLII	-
ENSG00000139112	0.242214	7.943811	0.712025	1 GABARAPL1	K08341
ENSG00000144158	0.244929	5.763191	0.71213	1 RP11-395L14.17	K11092
ENSG00000174437	0.241852	8.31556	0.7122	1 ATP2A2	K05853
ENSG00000120008	-0.244162	6.344395	0.712206	1 WDR11	-
ENSG00000129566	-0.26387	3.880173	0.712245	1 TEP1	K11127
ENSG00000175066	-0.250954	4.315922	0.712295	1 GK5	K19583
ENSG00000148688	-0.248816	5.341132	0.712341	1 RPP30	K03539
ENSG00000100612	-0.246839	5.34005	0.712341	1 DHRS7	K11165
ENSG00000108771	-0.37392	0.924574	0.71239	1 DHX58	K12649
ENSG00000232093	-0.37392	0.924574	0.71239	1 RP11-307C12.11	-
ENSG00000259250	-0.37392	0.924574	0.71239	1 RP11-50C13.1	-
ENSG00000166455	-0.32836	0.897896	0.71239	1 C16orf46	-
ENSG00000079246	-0.241576	8.625983	0.712418	1 XRCC5	K10885
ENSG00000205544	-0.245965	5.848028	0.712553	1 TMEM256	-
ENSG00000156990	-0.245364	5.625631	0.712585	1 RPUF3	-
ENSG00000233476	0.242171	7.31178	0.712646	1 EEF1A1P6	K03231
ENSG00000127564	-0.243548	6.458879	0.712651	1 PKMYT1	K06633
ENSG00000083312	-0.241736	7.942958	0.712665	1 TNPO1	K18752
ENSG00000134986	0.2511	4.351273	0.712871	1 NREP	-
ENSG00000117335	0.241022	8.884508	0.712882	1 CD46	K04007

ENSG00000131873	0.243514	5.923682	0.712932	1 CHSY1	K13499
ENSG00000151503	0.242805	6.549844	0.713046	1 NCAPD3	K11491
ENSG00000213300	-0.264702	3.726446	0.713101	1 HNRNPA3P6	K12741
ENSG00000163961	0.247623	4.866659	0.713131	1 RNF168	K12581
ENSG00000156802	0.241305	7.834181	0.713134	1 ATAD2	K06115
ENSG00000109670	0.258779	3.597441	0.713151	1 FBXW7	-
ENSG00000137692	-0.244212	6.174671	0.713169	1 DCUN1D5	K17824
ENSG00000148481	0.247097	4.762145	0.713188	1 FAM188A	-
ENSG00000099984	0.265535	3.174975	0.713345	1 GSTT2	K00799
ENSG00000214293	0.265535	3.174975	0.713345	1 RSBN1L-AS1	-
ENSG00000138613	0.272986	2.99942	0.713429	1 APH1B	K06172
ENSG00000115042	-0.246923	4.994653	0.71344	1 FAHD2A	-
ENSG00000128928	-0.243181	5.987819	0.713466	1 IVD	K00253
ENSG00000129084	-0.241123	7.811463	0.713471	1 PSMA1	K02725
ENSG00000162129	0.246515	4.894973	0.713512	1 CLPB	K03695
ENSG00000172878	0.28269	2.799493	0.713524	1 METAP1D	K01265
ENSG00000175104	-0.271063	2.808958	0.713524	1 TRAF6	K03175
ENSG00000067064	-0.241505	7.325412	0.713535	1 IDI1	K01823
ENSG00000016391	0.295852	2.567317	0.713627	1 CHDH	K00108
ENSG00000174007	0.295852	2.567317	0.713627	1 CEP19	K16801
ENSG00000214029	0.279395	2.575238	0.713627	1 ZNF891	K09228
ENSG00000114648	-0.261628	4.077327	0.713658	1 KLHL18	K10455
ENSG00000168282	-0.290661	2.32267	0.71373	1 MGAT2	K00736
ENSG00000206527	-0.241159	7.497218	0.713733	1 PTPLB	K10703
ENSG00000131848	-0.31391	1.977994	0.713789	1 ZSCAN5A	K11667
ENSG00000117262	-0.2929	1.965842	0.713789	1 GPR89A	-
ENSG00000108651	-0.242083	6.714263	0.713797	1 UTP6	K14557
ENSG00000138430	-0.241294	7.26603	0.713848	1 OLA1	K06942
ENSG00000185252	-0.26544	3.784853	0.713924	1 ZNF74	K09228
ENSG00000235106	-0.26544	3.784853	0.713924	1 LINC00094	-
ENSG00000122512	-0.247813	4.874347	0.713932	1 PMS2	K10858
ENSG00000058056	-0.245744	5.133416	0.714016	1 USP13	K11836
ENSG00000146834	-0.243557	5.978816	0.714035	1 MEPCE	K15190
ENSG00000090273	-0.240848	7.516249	0.714066	1 NUDC	-
ENSG00000148926	-0.241766	6.689861	0.714203	1 ADM	K12333
ENSG00000168286	-0.24382	5.44031	0.714246	1 THAP11	K11512
ENSG00000197324	0.241697	6.33552	0.714255	1 LRP10	K02927
ENSG00000140044	-0.244697	5.404559	0.714291	1 JDP2	K09033
ENSG00000144120	-0.248594	4.532058	0.71434	1 TMEM177	-
ENSG00000041357	-0.239972	8.271857	0.714441	1 PSMA4	K02728
ENSG00000103653	-0.242363	5.604178	0.714529	1 CSK	K05728
ENSG00000119559	-0.253179	4.326896	0.714635	1 C19orf25	K08671
ENSG00000171703	-0.245869	5.094196	0.714752	1 TCEA2	K03145
ENSG00000254999	0.241087	6.201743	0.714759	1 BRK1	K05752
ENSG00000197375	0.246075	5.275396	0.714771	1 SLC22A5	K08202
ENSG00000086065	0.239852	7.762587	0.714851	1 CHMP5	K12198
ENSG00000133858	0.240882	6.684414	0.714986	1 ZFC3H1	-
ENSG00000092140	-0.244144	5.115833	0.715054	1 G2E3	-
ENSG00000213949	-0.240142	7.312523	0.7151	1 ITGA1	K06480
ENSG00000137807	-0.240277	7.186466	0.715106	1 KIF23	K17387
ENSG00000134086	-0.244867	5.544418	0.715127	1 VHL	K03871
ENSG00000198912	-0.253978	4.365674	0.715145	1 C1orf174	K17985
ENSG00000138658	0.247143	4.287547	0.715287	1 C4orf21	-
ENSG00000163950	0.24009	7.069184	0.715305	1 SLBP	K18710
ENSG00000065183	-0.240599	6.80129	0.715327	1 WDR3	K14556
ENSG00000177602	0.250652	4.466953	0.71548	1 GSG2	K16315
ENSG00000137776	-0.24033	6.86243	0.715528	1 SLTM	-
ENSG00000166902	-0.240842	6.547259	0.715531	1 MRPL16	K02878

ENSG00000171612	-0.255599	4.130775	0.71562	1 SLC25A33	K15116
ENSG00000114030	0.240411	6.100443	0.715622	1 KPNA1	K15042
ENSG00000148498	0.240418	6.206505	0.715711	1 PARD3	K04237
ENSG00000167193	0.239812	6.928132	0.715817	1 CRK	K04438
ENSG00000067208	-0.244226	5.076125	0.715828	1 EVI5	-
ENSG00000188613	-0.260963	3.679278	0.715845	1 NANOS1	K18741
ENSG00000059691	-0.247024	4.667515	0.716024	1 PET112	K02434
ENSG00000164081	0.244475	4.663404	0.716024	1 TEX264	-
ENSG00000124177	0.243505	5.429021	0.716169	1 CHD6	K14436
ENSG00000163161	-0.240428	6.459387	0.716188	1 ERCC3	K10843
ENSG00000174099	-0.241819	5.77311	0.716235	1 MSRB3	K07305
ENSG00000241015	-0.291637	2.155305	0.716288	1 TPM3P9	K09290
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ENSG00000028203	-0.242494	5.719245	0.716387	1 VEZT	-
ENSG00000180900	-0.244689	4.696518	0.7164	1 SCRIB	K16175
ENSG00000124383	-0.242227	6.061822	0.716423	1 MPHOSPH10	K14559
ENSG00000117625	-0.247318	4.479991	0.716522	1 RCOR3	K11829
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ENSG00000120685	-0.241466	5.288295	0.716568	1 PROSER1	-
ENSG00000129003	0.242125	5.467235	0.716607	1 VPS13C	K19525
ENSG00000128567	-0.237997	8.406031	0.71661	1 PODXL	K06817
ENSG00000166181	-0.238633	7.42769	0.716682	1 API5	-
ENSG00000164008	-0.265593	2.833633	0.716751	1 C1orf50	-
ENSG00000175634	-0.242164	5.882601	0.716756	1 RPS6KB2	K04688
ENSG00000159202	-0.23881	7.200241	0.716757	1 UBE2Z	K10585
ENSG00000118777	-0.239522	6.665909	0.716795	1 ABCG2	K05681
ENSG00000144589	-0.266189	3.279825	0.716872	1 STK11IP	-
ENSG00000157954	0.239252	6.646345	0.716904	1 WIPI2	K17908
ENSG00000134265	-0.248179	4.514911	0.716937	1 NAPG	-
ENSG00000146066	0.239458	6.263619	0.716968	1 HIGD2A	-
ENSG00000213619	-0.239021	6.841578	0.71705	1 NDUFS3	K03936
ENSG00000143126	0.240294	6.119512	0.717111	1 CELSR2	K04601
ENSG00000136521	-0.239187	6.667635	0.717173	1 NDUFB5	K03961
ENSG00000180979	-0.251562	4.048386	0.717213	1 LRRC57	K02927
ENSG00000142864	-0.23693	10.3048	0.717226	1 SERBP1	K13199
ENSG00000125124	-0.241972	5.439301	0.717244	1 BBS2	K16747
ENSG00000167987	-0.248521	3.803586	0.717256	1 VPS37C	K12185
ENSG00000168036	-0.237416	8.255336	0.717363	1 CTNNB1	K02105
ENSG00000156508	0.236595	13.04456	0.717418	1 EEF1A1	K03231
ENSG00000158092	0.238619	6.724815	0.717489	1 NCK1	K07365
ENSG00000185298	-0.240142	6.238153	0.717526	1 CCDC137	K09228
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ENSG00000055130	-0.238151	7.107353	0.717632	1 CUL1	K03347
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ENSG00000166813	0.407335	0.39556	0.717697	1 KIF7	K18806
ENSG00000180769	0.407335	0.39556	0.717697	1 WDFY3-AS2	-
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ENSG00000267475	0.407335	0.39556	0.717697	1 CTD-2538C1.2	-
ENSG00000008086	0.325658	0.434874	0.717697	1 CDKL5	K08824
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ENSG00000151320	0.325658	0.434874	0.717697	1 AKAP6	K16523
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ENSG00000108557	0.239137	6.14579	0.718028	1 RAI1	K19749
ENSG00000204977	-0.245692	5.041961	0.718057	1 TRIM13	K12003
ENSG00000170190	-0.248251	4.010788	0.718079	1 SLC16A5	K08182
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ENSG00000142657	-0.238458	6.578773	0.718174	1 PGD	K00033
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ENSG00000087302	-0.237061	7.565201	0.718326	1 C14orf166	K15433
ENSG00000132466	0.238258	6.442865	0.718417	1 ANKRD17	K16726
ENSG00000139514	0.237901	6.578133	0.718563	1 SLC7A1	K13863
ENSG00000177426	-0.237747	6.766315	0.718629	1 TGIF1	K19383
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ENSG00000167565	-0.240723	4.767388	0.718807	1 SERTAD3	-
ENSG00000135457	-0.239289	5.761046	0.718893	1 TFCP2	K09275
ENSG00000158161	0.249654	3.958193	0.718997	1 EYA3	K17621
ENSG00000121289	-0.250485	4.105493	0.71908	1 CEP89	K16543
ENSG00000115947	-0.243886	4.878808	0.719144	1 ORC4	K02606
ENSG00000174177	-0.249072	4.234452	0.719148	1 CTU2	K14169
ENSG00000184675	-0.243939	4.350646	0.719205	1 AMER1	K19407
ENSG00000261188	0.250151	3.503981	0.719314	1 CTA-445C9.14	-
ENSG00000102804	-0.235426	8.85235	0.719325	1 TSC22D1	-
ENSG00000118816	-0.236396	7.288363	0.719394	1 CCNI	-
ENSG00000137975	0.267646	1.984617	0.719399	1 CLCA2	K05028
ENSG00000167004	0.235063	9.899185	0.719406	1 PDIA3	K08056
ENSG00000185721	-0.236812	6.930466	0.71942	1 DRG1	K16489
ENSG00000136718	-0.239416	5.857891	0.719484	1 IMP4	K14561
ENSG00000162517	-0.237643	6.009071	0.719518	1 PEF1	-
ENSG00000137054	-0.240145	5.469276	0.71955	1 POLR1E	K03005
ENSG00000136783	-0.25004	4.275762	0.719563	1 NIPSNAP3A	-
ENSG00000159792	-0.248808	4.390918	0.719587	1 PSKH1	K08808
ENSG00000163512	0.246113	4.385316	0.719587	1 AZI2	K12651
ENSG00000109270	-0.244968	4.388801	0.719587	1 LAMTOR3	K04370
ENSG00000108826	-0.238714	5.53689	0.719729	1 MRPL27	K02899
ENSG00000055208	0.237215	6.287978	0.719769	1 TAB2	K04404
ENSG00000133069	0.265785	2.46892	0.719779	1 TMCC2	K16288
ENSG00000186272	0.265785	2.46892	0.719779	1 ZNF17	K09228
ENSG00000037474	-0.234988	8.759578	0.719866	1 NSUN2	K15335
ENSG00000076053	0.240016	5.55109	0.719893	1 RBM7	K13188
ENSG00000205763	0.254348	3.366017	0.719973	1 RP9P	K19604
ENSG00000189159	-0.23687	6.567737	0.720003	1 HN1	-
ENSG00000106244	-0.235664	7.482378	0.720005	1 PDAP1	K05757
ENSG00000068745	0.239594	5.707141	0.720034	1 IP6K2	K07756
ENSG00000158864	-0.236013	7.111803	0.720061	1 NDUFS2	K03935
ENSG00000107874	-0.237078	6.424121	0.720072	1 CUEDC2	-
ENSG00000170260	0.246441	4.353457	0.720325	1 ZNF212	K09228
ENSG00000108423	-0.243761	4.113045	0.720404	1 TUBD1	K10390
ENSG00000257671	0.253282	3.812687	0.720512	1 RP3-416H24.1	-
ENSG00000197451	-0.234755	8.018936	0.720561	1 HNRNPAB	K13044

ENSG00000155876	0.237465	5.976922	0.720609	1 RRAGA	K16185
ENSG00000072042	-0.23605	6.701715	0.720677	1 RDH11	K11152
ENSG00000158435	-0.235946	6.732939	0.720738	1 CNOT11	-
ENSG00000205765	-0.236399	6.4594	0.720766	1 C5orf51	K05080
ENSG00000162980	-0.23671	5.527423	0.72106	1 ARL5A	K07949
ENSG00000167216	-0.338405	1.583299	0.721106	1 KATNAL2	K07767
ENSG00000180884	-0.338405	1.583299	0.721106	1 ZNF792	K09228
ENSG00000197714	-0.338405	1.583299	0.721106	1 ZNF460	K09228
ENSG00000197557	-0.310482	1.567006	0.721106	1 TTC30A	K19683
ENSG00000142235	0.249515	3.705806	0.721136	1 LMTK3	K08899
ENSG00000125834	0.237965	4.659967	0.721144	1 STK35	K08859
ENSG00000095321	0.240695	4.935726	0.721171	1 CRAT	K00624
ENSG00000169919	-0.236507	6.238743	0.721297	1 GUSB	K01195
ENSG00000109113	-0.234524	7.414161	0.72138	1 RAB34	K07921
ENSG00000042088	-0.246162	4.36136	0.721437	1 TDP1	K10862
ENSG00000145730	0.234505	7.21813	0.72148	1 PAM	K00504
ENSG00000161542	-0.237165	5.829671	0.721505	1 PRPSAP1	-
ENSG00000153561	0.235847	6.133328	0.721625	1 RMND5A	-
ENSG00000099999	0.254019	3.765049	0.721645	1 RNF215	-
ENSG00000164054	-0.23679	6.020591	0.721654	1 SHISA5	K10135
ENSG00000162434	0.233351	8.806591	0.721663	1 JAK1	K11217
ENSG00000146414	-0.253592	3.05531	0.721753	1 SHPRH	K15710
ENSG00000187231	0.241904	4.631892	0.721783	1 SESTD1	-
ENSG00000189046	-0.242757	4.838028	0.721801	1 ALKBH2	K10859
ENSG00000089737	0.234365	7.038428	0.721866	1 DDX24	K14805
ENSG00000166851	0.235041	6.537582	0.721893	1 PLK1	K06631
ENSG00000117906	-0.234087	7.264639	0.722056	1 RCN2	-
ENSG00000140326	0.239058	4.434916	0.722062	1 CDAN1	K19531
ENSG00000135870	-0.243024	4.1677	0.722085	1 RC3H1	K15690
ENSG00000156521	-0.236797	5.705043	0.722097	1 TYSND1	K10408
ENSG00000272086	0.267083	2.73557	0.722103	1 CTD-2186M15.3	-
ENSG00000172375	0.261007	3.378602	0.722139	1 C2CD2L	-
ENSG00000106459	-0.239392	4.328974	0.722233	1 NRF1	K11831
ENSG00000064042	0.233304	7.798493	0.722289	1 LIMCH1	-
ENSG00000122203	0.234413	6.712711	0.722298	1 KIAA1191	-
ENSG00000180773	-0.24009	4.476014	0.722351	1 SLC36A4	K14209
ENSG00000068912	-0.235815	6.370598	0.722378	1 ERLEC1	K14008
ENSG00000143569	0.233303	7.617623	0.722442	1 UBAP2L	-
ENSG00000148840	0.234482	6.562413	0.722483	1 PPRC1	K17963
ENSG00000032219	0.240588	4.364197	0.72254	1 ARID4A	K19194
ENSG00000008710	0.234186	6.714384	0.722555	1 PKD1	K04985
ENSG00000137166	0.237292	5.337525	0.722558	1 FOXP4	K09409
ENSG00000125650	0.268935	2.344925	0.722591	1 PSPN	-
ENSG00000196378	0.268935	2.344925	0.722591	1 ZNF34	K09228
ENSG00000132182	0.233165	7.526027	0.722684	1 NUP210	K14314
ENSG00000152749	-0.23977	5.044604	0.722705	1 GPR180	-
ENSG00000083099	-0.242116	4.545217	0.722888	1 LYRM2	-
ENSG00000106333	-0.271526	2.864235	0.722995	1 PCOLCE	-
ENSG00000186230	-0.271526	2.864235	0.722995	1 ZNF749	-
ENSG00000250565	-0.271526	2.864235	0.722995	1 ATP6V1E2	-
ENSG00000108588	0.232771	7.676964	0.722998	1 CCDC47	-
ENSG00000128342	-0.250999	4.128228	0.723017	1 LIF	K05419
ENSG00000089597	0.231987	9.442736	0.723021	1 GANAB	K05546
ENSG00000040341	-0.233987	5.838124	0.723109	1 STAU2	K17597
ENSG00000166889	0.236205	5.902542	0.723218	1 PATL1	K12617
ENSG00000124795	-0.231995	8.894221	0.72323	1 DEK	K17046
ENSG00000138231	-0.235289	5.284922	0.723254	1 DBR1	K18328
ENSG00000179674	-0.305963	1.812149	0.723265	1 ARL14	K17200

ENSG00000231767	-0.305963	1.812149	0.723265	1 MIR4426	K02977
ENSG00000100077	0.272519	1.808228	0.723265	1 ADRBK2	K00910
ENSG00000181061	-0.234197	6.40668	0.723389	1 HIGD1A	-
ENSG00000067248	-0.234754	5.958546	0.723593	1 DHX29	K18995
ENSG00000033011	-0.239621	4.518688	0.723618	1 ALG1	K03842
ENSG00000270143	0.336493	0.92013	0.723661	1 AC004257.3	-
ENSG00000111642	0.231634	8.587496	0.72372	1 CHD4	K11643
ENSG00000187164	-0.235327	5.773117	0.723824	1 KIAA1598	-
ENSG00000169607	-0.234365	5.654626	0.723858	1 CKAP2L	K16769
ENSG00000157349	-0.239301	4.259753	0.723942	1 DDX19B	K18655
ENSG00000206560	-0.234205	6.201136	0.723954	1 ANKRD28	K15502
ENSG00000171055	-0.234859	6.341724	0.724045	1 FEZ2	-
ENSG00000142002	0.235666	6.078512	0.724084	1 DPP9	K08656
ENSG00000151458	-0.242865	4.739786	0.724232	1 ANKRD50	-
ENSG00000112855	-0.23332	5.897389	0.724269	1 HARS2	K01892
ENSG00000159079	-0.23322	5.732498	0.724371	1 C21orf59	-
ENSG00000168936	-0.242153	4.485837	0.724379	1 TMEM129	-
ENSG00000080824	-0.23061	10.72221	0.724399	1 HSP90AA1	K04079
ENSG00000100888	0.236099	5.670542	0.724411	1 CHD8	K04494
ENSG00000139180	-0.234217	5.923608	0.724441	1 NDUFA9	K03953
ENSG00000099810	-0.232261	7.009792	0.724487	1 MTAP	K00772
ENSG00000236801	0.239678	4.515811	0.724604	1 RPL24P8	K02896
ENSG00000139323	-0.238901	4.934296	0.724691	1 POC1B	K16482
ENSG00000085377	-0.234521	6.025311	0.724723	1 PREP	K01322
ENSG00000153044	-0.232723	5.860919	0.724781	1 CENPH	K11500
ENSG00000188760	0.284776	2.016632	0.724796	1 TMEM198	-
ENSG00000185090	-0.251097	3.791011	0.724924	1 MANEAL	-
ENSG00000135968	-0.233075	5.706725	0.725043	1 GCC2	K12172
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ENSG00000188004	-0.440356	-0.127832	0.725047	1 C1orf204	-
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ENSG00000200879	-0.440356	-0.127832	0.725047	1 SNORD14E	-
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ENSG00000230880	-0.440356	-0.127832	0.725047	1 RP11-417J8.3	-
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ENSG00000272373	-0.440356	-0.127832	0.725047	1 ZNF33B	-
ENSG00000272902	-0.440356	-0.127832	0.725047	1 RP11-299H21.1	-
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ENSG00000145375	-0.239695	4.053552	0.726389	1 SPATA5	K14575
ENSG00000170144	-0.229373	8.337717	0.726504	1 HNRNPA3	K12741
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ENSG00000120055	-1.472476	-1.197592	0.726708	1 C10orf95	-
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ENSG00000177640	-1.472476	-1.197592	0.726708	1 CASC2	-
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ENSG00000130307	0.999022	-1.288103	0.726708	1 USHBP1	K12581
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ENSG00000272263	0.999022	-1.288103	0.726708	1 RP11-767C1.2	-
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ENSG00000272620	0.999022	-1.288103	0.726708	1 AFAP1-AS1	-
ENSG00000128463	-0.230516	6.79582	0.726821	1 EMC4	-
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ENSG00000151552	-0.246956	4.148098	0.726846	1 QDPR	K00357
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ENSG00000099977	-0.230887	6.539779	0.726877	1 DDT	K10028
ENSG00000025800	0.230121	6.902632	0.726901	1 KPNA6	K15042
ENSG00000162433	0.230695	5.910584	0.726913	1 AK4	K00939
ENSG00000135249	-0.233188	5.474212	0.726992	1 RINT1	K07560
ENSG00000142534	0.228384	10.07904	0.72702	1 RPS11	K02949
ENSG00000179943	-0.239745	4.63258	0.727032	1 FIZ1	-
ENSG00000138617	0.243479	3.549774	0.72707	1 PARP16	K00774
ENSG00000152102	0.231486	6.228313	0.727366	1 FAM168B	-
ENSG00000127526	0.230248	5.846411	0.727368	1 SLC35E1	K15283
ENSG00000172366	-0.230398	6.57237	0.727369	1 FAM195A	-
ENSG00000176393	-0.229626	7.077212	0.7274	1 RNPEP	K01260
ENSG00000196821	0.228951	7.595979	0.727438	1 C6orf106	-
ENSG00000177370	-0.234417	5.347592	0.727458	1 TIMM22	K17790
ENSG00000198355	0.229323	7.134025	0.727503	1 PIM3	K08807
ENSG00000231245	-0.26131	2.525942	0.727525	1 C1DP1	K12592
ENSG00000147475	-0.233025	5.248504	0.727593	1 ERLIN2	-
ENSG00000173692	-0.229458	7.024684	0.727667	1 PSMD1	K04157
ENSG00000160789	0.227913	9.262304	0.727737	1 LMNA	K12641
ENSG00000127980	-0.234048	4.605809	0.7278	1 PEX1	K13338
ENSG00000101974	0.229647	6.67194	0.727806	1 ATP11C	K01530
ENSG00000034152	-0.230572	5.781112	0.727867	1 MAP2K3	K04432
ENSG00000100744	-0.239087	4.110466	0.72792	1 GSKIP	-
ENSG00000094914	-0.23028	6.089775	0.728017	1 AAAS	K14320
ENSG00000106608	0.229918	5.916409	0.72803	1 URGCP	-
ENSG00000138709	-0.235668	4.874306	0.728041	1 LARP1B	K18757
ENSG00000166398	0.243394	4.14847	0.7281	1 KIAA0355	-
ENSG00000175305	0.238045	4.150993	0.7281	1 CCNE2	K06626
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ENSG00000196597	0.311951	1.591049	0.728199	1 ZNF782	K09228
ENSG00000108187	-0.295689	1.624493	0.728199	1 PBLD	K15601
ENSG00000133997	-0.23473	4.925661	0.728247	1 MED6	K15128
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ENSG00000116678	-0.245344	3.421202	0.728444	1 LEPR	K05062
ENSG00000138095	-0.227435	8.893788	0.728454	1 LRPPRC	K17964
ENSG00000136021	-0.229249	6.046024	0.728506	1 SCYL2	K17541
ENSG00000127337	-0.230687	5.617631	0.728515	1 YEATS4	K11341
ENSG00000205133	-0.243362	3.921009	0.72854	1 TRIQK	-
ENSG00000128626	-0.229363	6.577887	0.728541	1 MRPS12	K02950
ENSG00000182004	-0.230385	5.7562	0.728579	1 SNRPE	K11097
ENSG00000086712	-0.229102	6.697948	0.72861	1 TXLNG	-
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ENSG00000169612	-0.254395	3.49708	0.728707	1 FAM103A1	K18708
ENSG00000116205	-0.247205	3.493071	0.728707	1 TCEANC2	-
ENSG00000215305	-0.237561	4.848692	0.728708	1 VPS16	-

ENSG00000121067	-0.234259	5.254256	0.728769	1 SPOP	K10523
ENSG00000084234	0.227006	8.998344	0.728861	1 APLP2	K08117
ENSG00000108010	-0.228094	7.27517	0.728892	1 GLRX3	K18047
ENSG00000170089	-0.241083	4.018845	0.728894	1 RP11-423H2.1	K12880
ENSG00000087095	0.239866	4.064426	0.729053	1 NLK	K04468
ENSG00000005238	0.232765	5.167168	0.729086	1 FAM214B	-
ENSG00000149932	-0.231064	5.536891	0.72917	1 TMEM219	-
ENSG00000065000	0.227599	7.398837	0.729176	1 AP3D1	K12396
ENSG00000177427	0.238218	4.113446	0.729203	1 MIEF2	K10087
ENSG00000131507	-0.228354	6.840857	0.729216	1 NDFIP1	-
ENSG00000127947	-0.228741	6.561285	0.729284	1 PTPN12	K18024
ENSG00000127527	0.233335	5.234015	0.729289	1 EPS15L1	K12472
ENSG00000075292	-0.227694	7.310652	0.729307	1 ZNF638	-
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ENSG00000142945	0.226855	8.145113	0.729429	1 KIF2C	K10393
ENSG00000054277	-0.237202	4.550808	0.729429	1 OPN3	K04256
ENSG00000158711	-0.232748	5.486967	0.7295	1 ELK4	K04376
ENSG00000149761	-0.234889	4.582229	0.729528	1 NUDT22	-
ENSG00000205339	0.226317	9.265721	0.729568	1 IPO7	-
ENSG00000242299	0.228249	6.560067	0.729603	1 RP11-234A1.1	K02964
ENSG00000163634	-0.22855	6.511254	0.729605	1 THOC7	K13176
ENSG00000122026	-0.230364	5.174003	0.729704	1 RPL21	K02889
ENSG00000105011	0.228426	6.401366	0.729709	1 ASF1B	K10753
ENSG00000112245	0.226017	10.07402	0.729737	1 PTP4A1	-
ENSG00000143093	-0.231741	4.986344	0.729848	1 STRIP1	-
ENSG00000242372	-0.226988	7.502371	0.729901	1 EIF6	K03264
ENSG00000189410	-0.292225	2.063695	0.729993	1 SH2D5	-
ENSG00000083097	0.277365	2.059588	0.729993	1 DOPEY1	-
ENSG00000181856	0.277365	2.059588	0.729993	1 SLC2A4	K07191
ENSG00000089280	-0.226222	8.418956	0.73007	1 FUS	K13098
ENSG00000077235	0.22875	6.274974	0.730117	1 GTF3C1	K15199
ENSG00000147679	-0.232522	5.109479	0.730157	1 UTP23	K14773
ENSG00000167258	-0.228967	5.904727	0.730176	1 CDK12	K06115
ENSG00000109787	-0.23087	5.577826	0.73021	1 KLF3	K15605
ENSG00000173566	-0.291119	2.241422	0.730525	1 NUDT18	K17817
ENSG00000230124	-0.291119	2.241422	0.730525	1 RP5-1180C10.2	-
ENSG00000090006	-0.227274	6.358928	0.730582	1 LTBP4	K08023
ENSG00000175193	-0.23116	5.364704	0.730728	1 PARL	K09650
ENSG00000180626	0.233319	3.568553	0.730793	1 ZNF594	K09228
ENSG00000144713	0.225173	9.350541	0.730858	1 RPL32	K02912
ENSG00000177565	-0.226698	6.902584	0.73101	1 TBL1XR1	K04508
ENSG00000198018	0.236813	3.699247	0.731047	1 ENTPD7	K14643
ENSG00000116747	-0.230905	5.247348	0.731053	1 TROVE2	K11089
ENSG00000164924	-0.22473	10.51781	0.731169	1 YWHAZ	K16197
ENSG00000178038	-0.23344	4.489689	0.731195	1 ALS2CL	-
ENSG00000115963	-0.228532	6.119699	0.731293	1 RND3	K07859
ENSG00000114354	0.225156	8.136549	0.731384	1 TFG	K09292
ENSG00000204103	-0.241073	3.932509	0.731442	1 MAFB	K09036
ENSG00000034693	0.234176	4.687504	0.731519	1 PEX3	K13336
ENSG00000077721	-0.22619	6.88119	0.731626	1 UBE2A	K10573
ENSG00000123600	-0.238373	4.087444	0.731667	1 METTL8	K09548
ENSG00000176386	0.231382	4.126135	0.731733	1 CDC26	K03359
ENSG00000141568	0.225604	7.084406	0.731823	1 FOXK2	K09404
ENSG00000087008	0.253536	2.90356	0.731872	1 ACOX3	K00232
ENSG00000114126	-0.22752	5.831223	0.731927	1 TFDP2	K09392
ENSG00000138286	-0.236016	4.346286	0.732005	1 FAM149B1	-
ENSG00000130559	0.229411	5.117456	0.732075	1 CAMSAP1	K17493
ENSG00000247516	-0.238434	4.421839	0.732094	1 MIR4458HG	-

ENSG00000213064	-0.228431	5.991982	0.73211	1 SFT2D2	-
ENSG00000237753	-0.373178	0.553458	0.732196	1 AC079922.3	-
ENSG00000158458	0.373001	0.524082	0.732196	1 NRG2	K05456
ENSG00000186301	0.373001	0.524082	0.732196	1 MST1P2	-
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ENSG00000215492	-0.228125	6.18197	0.732303	1 HNRNPA1P7	K12741
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ENSG00000091436	0.225989	6.489502	0.73232	1 MLTK	K04424
ENSG00000129472	-0.254055	3.293063	0.73234	1 RAB2B	K07878
ENSG00000103528	-0.245748	3.288419	0.73234	1 SYT17	-
ENSG00000124942	0.223982	8.852563	0.732384	1 AHNAK	-
ENSG00000218510	-0.255615	3.371431	0.732422	1 LINC00339	-
ENSG00000122687	-0.225593	6.044041	0.732499	1 FTSJ2	K02427
ENSG00000147124	0.241747	3.507986	0.732559	1 ZNF41	K09228
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ENSG00000141480	0.230047	5.073804	0.732676	1 ARRB2	K04439
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ENSG00000109390	-0.227854	5.275896	0.732807	1 NDUFC1	K03967
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ENSG00000183155	-0.240355	3.9943	0.732901	1 RABIF	K10653
ENSG00000100300	-0.224151	7.754875	0.732912	1 TSPO	K05770
ENSG00000115844	-0.241786	4.042979	0.732929	1 DLX2	K18488
ENSG00000134802	-0.223568	8.770723	0.732944	1 SLC43A3	K08230
ENSG00000143222	-0.225935	5.735797	0.733045	1 UFC1	K12165
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ENSG00000182504	-0.232846	4.791287	0.733247	1 CEP97	K16717
ENSG00000128829	-0.226103	6.353584	0.733264	1 EIF2AK4	K16196
ENSG00000145912	-0.224514	7.029408	0.733321	1 NHP2	K11129
ENSG00000149100	-0.223316	8.506986	0.733359	1 EIF3M	K15030
ENSG00000163866	-0.225904	5.491843	0.733416	1 SMIM12	-
ENSG00000162063	0.227862	5.706291	0.733453	1 CCNF	K10289
ENSG00000172037	0.22671	5.765594	0.733462	1 LAMB2	K06243
ENSG00000018408	0.226814	6.035636	0.733499	1 WWTR1	K16820
ENSG00000115091	-0.223499	7.942523	0.733507	1 ACTR3	K18584
ENSG00000214517	0.224485	6.209434	0.733519	1 PPME1	K13617
ENSG00000143748	0.224533	6.664583	0.733671	1 NVL	K14571
ENSG00000166681	-0.223641	7.567118	0.733673	1 NGFRAP1	K12465
ENSG00000180304	0.224345	6.718938	0.733796	1 OAZ2	K16613
ENSG00000149792	-0.22495	5.869948	0.733853	1 MRPL49	K17430
ENSG00000181852	-0.226744	5.422029	0.733916	1 RNF41	K11981
ENSG00000139668	0.232335	4.701077	0.734059	1 WDFY2	-
ENSG00000142623	0.369419	0.985107	0.734082	1 PADI1	K01481
ENSG00000089094	-0.346214	1.013145	0.734082	1 KDM2B	K10276
ENSG00000236200	-0.346214	1.013145	0.734082	1 KDM4A-AS1	-
ENSG00000244122	-0.346214	1.013145	0.734082	1 UGT1A7	K00699
ENSG00000169375	0.224855	6.287382	0.734091	1 SIN3A	K11644
ENSG00000157326	-0.231586	4.275614	0.734176	1 DHRS4	K11147
ENSG00000178988	0.224179	5.938043	0.734204	1 MRFAP1L1	-
ENSG00000184517	0.23801	3.831502	0.734322	1 ZFP1	K09228
ENSG00000215440	0.231352	3.834667	0.734322	1 NPEPL1	K09611
ENSG00000108592	-0.223454	7.124473	0.734404	1 FTSJ3	K14857
ENSG00000174748	0.22203	9.338027	0.734475	1 RPL15	K02877
ENSG00000186017	-0.246298	3.457585	0.734475	1 ZNF566	K09228

ENSG00000113312	-0.225882	6.005689	0.734523	1 TTC1	-
ENSG00000184281	-0.225478	5.13338	0.734592	1 TSSC4	-
ENSG00000155287	0.230765	5.107301	0.734606	1 SLC25A28	K15113
ENSG00000163702	0.22713	5.035507	0.734652	1 IL17RC	K05166
ENSG00000175287	-0.258066	3.034159	0.734662	1 PHYHD1	K00477
ENSG00000134490	-0.256234	2.934376	0.734708	1 TMEM241	-
ENSG00000237298	-0.331671	1.360622	0.734719	1 TTN-AS1	-
ENSG00000258738	-0.331671	1.360622	0.734719	1 RP11-73E17.2	-
ENSG00000156050	0.327013	1.354589	0.734719	1 FAM161B	K19348
ENSG00000187792	0.327013	1.354589	0.734719	1 ZNF70	K08878
ENSG00000267957	0.327013	1.354589	0.734719	1 RP11-178G16.4	-
ENSG00000115419	-0.223821	6.661213	0.73472	1 GLS	K01425
ENSG00000144909	-0.232534	4.937141	0.734722	1 OSBPL11	-
ENSG00000131061	0.25499	2.812823	0.734757	1 ZNF341	K06115
ENSG00000110400	0.260847	2.688934	0.734808	1 PVRL1	-
ENSG00000136986	0.22331	6.808999	0.734839	1 DERL1	K11519
ENSG00000269990	0.251425	2.561392	0.734862	1 CTD-3074O7.12	-
ENSG00000188321	-0.282503	2.432204	0.734915	1 ZNF559	K09228
ENSG00000189350	0.258151	2.412708	0.734915	1 FAM179A	K12581
ENSG00000221983	0.221654	9.282004	0.734923	1 UBA52	K02927
ENSG00000138041	-0.223529	6.718915	0.73495	1 SMEK2	K17491
ENSG00000132749	-0.282438	2.277776	0.734964	1 MTL5	-
ENSG00000120899	0.266557	2.246923	0.734964	1 PTK2B	K05871
ENSG00000118420	-0.263035	2.093658	0.735	1 UBE3D	-
ENSG00000110074	-0.228921	5.330269	0.735024	1 FOXRED1	K18166
ENSG00000164091	-0.225357	5.702532	0.735143	1 WDR82	K14962
ENSG00000141504	-0.229231	5.113275	0.735238	1 SAT2	K00657
ENSG00000125945	0.231392	4.235033	0.735343	1 ZNF436	K09228
ENSG00000107954	0.225843	5.390822	0.735492	1 NEURL1	K01931
ENSG00000175906	-0.224614	6.049345	0.735497	1 ARL4D	K07945
ENSG00000110660	-0.226307	5.688157	0.735583	1 SLC35F2	K15287
ENSG00000197956	0.221044	9.265475	0.73563	1 S100A6	-
ENSG00000157823	0.239013	3.952656	0.735682	1 AP3S2	K12399
ENSG00000157379	0.234531	3.900762	0.735752	1 DHRS1	K11163
ENSG00000131626	0.22433	5.808522	0.735822	1 PPFIA1	-
ENSG00000168300	-0.225931	5.470263	0.735894	1 PCMTD1	-
ENSG00000140153	0.238227	3.784501	0.735909	1 WDR20	-
ENSG00000163738	-0.236894	3.797144	0.735909	1 MTHFD2L	K13403
ENSG00000181789	0.221151	8.160507	0.735971	1 COPG1	K17267
ENSG00000103066	0.229962	4.993398	0.736056	1 PLA2G15	K06129
ENSG00000172932	0.229289	4.47698	0.736076	1 ANKRD13D	-
ENSG00000165288	-0.227757	4.947103	0.736141	1 BRWD3	K11798
ENSG00000091490	-0.223439	5.577828	0.736196	1 SEL1L3	-
ENSG00000128581	-0.228639	4.407391	0.736199	1 RABL5	K07935
ENSG00000180667	0.222112	6.818361	0.7362	1 YOD1	K13719
ENSG00000125746	0.221787	7.057945	0.736237	1 EML2	K18595
ENSG00000125885	-0.22639	4.808564	0.736383	1 MCM8	K10737
ENSG00000170365	0.248564	3.460823	0.736428	1 SMAD1	K04676
ENSG00000139722	0.223514	5.3761	0.736566	1 VPS37B	K12185
ENSG00000178719	0.231389	4.199639	0.736569	1 GRINA	K06890
ENSG00000125779	-0.227069	5.025869	0.736684	1 PANK2	K09680
ENSG00000115275	-0.221927	6.768387	0.736701	1 MOGS	K01228
ENSG00000088970	0.225657	4.619529	0.736744	1 PLK1S1	-
ENSG00000197860	0.225657	4.619529	0.736744	1 SGTB	K16365
ENSG00000168288	-0.221831	6.799791	0.736758	1 MMADHC	-
ENSG00000253352	0.221259	7.082768	0.736812	1 TUG1	-
ENSG00000136026	-0.22044	8.201089	0.736843	1 CKAP4	K13999
ENSG00000107614	-0.24843	3.228928	0.736872	1 TRDMT1	K15336

ENSG00000117411	-0.222441	6.251487	0.736994	1 B4GALT2	K07967
ENSG00000130707	0.219665	10.24598	0.737018	1 ASS1	K01940
ENSG00000115425	-0.24624	3.142146	0.737053	1 PECR	K07753
ENSG00000095380	-0.221273	7.009839	0.737068	1 NANS	K05304
ENSG00000117614	0.22487	5.741998	0.737156	1 SYF2	K12868
ENSG00000143801	-0.22792	5.078686	0.737229	1 PSEN2	K04522
ENSG00000113597	-0.22553	5.077383	0.737229	1 TRAPPC13	-
ENSG00000145592	0.219399	10.86181	0.737253	1 RPL37	K02922
ENSG00000168803	-0.231103	4.371872	0.737309	1 ADAL	K09228
ENSG00000136144	-0.228972	4.724892	0.737373	1 RCBTB1	K11494
ENSG00000136603	-0.222378	6.199974	0.737417	1 SKIL	-
ENSG00000151876	0.228975	4.287692	0.737511	1 FBXO4	K10291
ENSG00000066044	-0.221085	6.855336	0.737521	1 ELAVL1	K13088
ENSG00000181754	0.238459	3.735917	0.737607	1 AMIGO1	-
ENSG00000162910	-0.224498	5.365763	0.737661	1 MRPL55	K17436
ENSG00000198843	-0.2226	5.985784	0.737666	1 SELT	-
ENSG00000185798	0.229459	4.590651	0.737709	1 WDR53	K10319
ENSG00000167693	0.22131	6.297454	0.737731	1 NXN	K17609
ENSG00000103148	-0.2222	6.06252	0.737791	1 NPRL3	-
ENSG00000145390	-0.232453	4.117993	0.737991	1 USP53	-
ENSG00000115762	0.220477	6.849524	0.73803	1 PLEKHB2	K17985
ENSG00000170004	0.219504	7.901347	0.738037	1 CHD3	K11642
ENSG00000140025	-0.2641	2.718333	0.738042	1 EFCAB11	-
ENSG00000184058	-0.235607	4.07447	0.73813	1 TBX1	K10175
ENSG00000090924	0.234201	4.067105	0.73813	1 PLEKHG2	-
ENSG00000182809	0.237443	3.538589	0.73814	1 CRIP2	-
ENSG00000170502	-0.22409	4.982171	0.738162	1 NUDT9	K13988
ENSG00000173230	0.220008	7.056289	0.738283	1 GOLGB1	-
ENSG00000120910	-0.22712	3.974776	0.738437	1 PPP3CC	K04348
ENSG00000007923	-0.222259	5.446347	0.738452	1 DNAJC11	K09531
ENSG00000008735	-0.248687	3.4048	0.738584	1 MAPK8IP2	K04435
ENSG00000179046	-0.226513	4.302471	0.738605	1 TRIML2	K12039
ENSG00000109685	0.22021	6.615267	0.738716	1 WHSC1	K11424
ENSG00000213442	0.219213	7.460167	0.738743	1 RPL18AP3	K02882
ENSG00000087076	0.271014	2.43672	0.738787	1 HSD17B14	K00826
ENSG00000167604	-0.260188	2.45563	0.738787	1 NFKBID	K14214
ENSG00000123810	0.253129	2.445433	0.738787	1 B9D2	K16745
ENSG00000163710	-0.222912	4.79283	0.738788	1 PCOLCE2	-
ENSG00000182552	-0.223194	5.159354	0.738886	1 RWDD4	-
ENSG00000159200	0.227215	4.492677	0.738958	1 RCAN1	K17901
ENSG00000137449	-0.234457	3.809668	0.738986	1 CPEB2	K02602
ENSG00000168275	-0.224488	5.411773	0.739084	1 COA6	K18179
ENSG00000188130	-0.224488	5.411773	0.739084	1 MAPK12	K04441
ENSG00000138030	0.246409	3.237182	0.739126	1 KHK	K00846
ENSG00000197894	-0.219243	7.205386	0.739135	1 ADH5	K00121
ENSG00000141141	-0.220716	5.941563	0.739224	1 DDX52	K14779
ENSG00000268942	0.260708	2.283598	0.73926	1 CKS1B	K02219
ENSG00000102125	-0.257558	2.303753	0.73926	1 TAZ	K13511
ENSG00000156869	-0.257558	2.303753	0.73926	1 FRRS1	-
ENSG00000160949	-0.220624	6.10706	0.739267	1 TONSL	K09257
ENSG00000138160	-0.219461	6.909919	0.739301	1 KIF11	K10398
ENSG00000198618	0.217597	10.1402	0.739417	1 PPIAP2	K03767
ENSG00000073605	0.239293	3.151072	0.739444	1 GSDMB	-
ENSG00000240990	-0.23311	3.156682	0.739444	1 HOXA11-AS	-
ENSG00000241468	-0.219033	7.145377	0.739454	1 ATP5J2	K02130
ENSG00000101182	-0.218276	7.844171	0.739593	1 PSMA7	K02731
ENSG00000119640	0.233251	3.622993	0.739678	1 ACYP1	K01512
ENSG00000144233	0.220342	5.725494	0.739691	1 AMMECR1L	-

ENSG00000135686	0.227881	4.73446	0.739806	1 KLHL36	K13958
ENSG00000196296	0.270388	2.101294	0.739827	1 ATP2A1	K05853
ENSG00000171853	-0.229111	4.264237	0.739861	1 TRAPPC12	-
ENSG00000135469	0.228707	4.70278	0.739936	1 COQ10A	K18588
ENSG00000134375	-0.218407	7.318951	0.739958	1 TIMM17A	K17795
ENSG00000078061	0.221034	5.759118	0.739965	1 ARAF	K08845
ENSG00000169683	-0.225429	5.187283	0.73999	1 LRRC45	-
ENSG00000198546	-0.223212	5.186077	0.73999	1 ZNF511	-
ENSG00000106948	0.231362	3.924117	0.740011	1 AKNA	K15696
ENSG00000112658	-0.220097	5.99955	0.740043	1 SRF	K04378
ENSG00000163939	-0.225523	4.468024	0.74006	1 PBRM1	K11757
ENSG00000115808	-0.224548	5.165473	0.740088	1 STRN	K17608
ENSG00000179041	-0.218847	6.192814	0.74015	1 RRS1	K14852
ENSG00000113300	-0.221815	5.616743	0.740169	1 CNOT6	K12603
ENSG00000106392	-0.221353	5.142084	0.740188	1 C1GALT1	K00731
ENSG00000151914	0.218574	6.864664	0.740195	1 DST	K10382
ENSG00000161558	0.234286	2.955864	0.740206	1 TMEM143	-
ENSG00000116560	-0.217377	8.322265	0.740297	1 SFPQ	-
ENSG00000120265	0.218152	7.065815	0.740405	1 PCMT1	K00573
ENSG00000196396	0.219572	6.112502	0.740515	1 PTPN1	K05696
ENSG00000115137	0.283184	1.892586	0.740515	1 DNAJC27	K19372
ENSG00000269973	0.283184	1.892586	0.740515	1 RP11-95D17.1	-
ENSG00000101695	-0.237738	3.416967	0.740577	1 RNF125	K12170
ENSG00000094880	-0.219173	5.950094	0.740621	1 CDC23	K03355
ENSG00000134070	-0.260313	2.857896	0.740668	1 IRAK2	K04731
ENSG00000164828	0.217665	7.257607	0.740736	1 SUN1	K19347
ENSG00000099204	0.217978	6.928762	0.740789	1 ABLIM1	K07520
ENSG00000040608	-0.221927	4.508992	0.740845	1 RTN4R	K16659
ENSG00000153250	-0.218062	6.163166	0.740902	1 RBMS1	-
ENSG00000160193	-0.222395	5.552847	0.740935	1 WDR4	K15443
ENSG00000100949	-0.227401	4.273316	0.740967	1 RABGGTA	K14050
ENSG00000103479	0.22157	5.34079	0.740973	1 RBL2	K16332
ENSG00000127585	0.217893	6.315747	0.741002	1 FBXL16	K10282
ENSG00000121741	-0.219919	5.937995	0.741035	1 ZMYM2	-
ENSG00000137055	0.218137	6.624632	0.741081	1 PLAA	K14018
ENSG00000110921	-0.230165	3.988679	0.741136	1 MVK	K00869
ENSG00000089775	0.227032	4.432965	0.74121	1 ZBTB25	K00288
ENSG00000062822	-0.218304	6.551545	0.741263	1 POLD1	K02327
ENSG00000164466	0.217394	7.023585	0.741333	1 SFXN1	K12756
ENSG00000189050	0.228783	4.182843	0.741406	1 RNFT1	-
ENSG00000117155	-0.218305	6.464923	0.741439	1 SSX2IP	K06085
ENSG00000105373	0.216432	8.025303	0.741491	1 GLTSCR2	K14840
ENSG00000104412	-0.219534	6.267507	0.741546	1 EMC2	-
ENSG00000011426	0.216299	8.152324	0.741565	1 ANLN	K18621
ENSG00000081692	-0.224075	4.714894	0.741566	1 JMJD4	K05062
ENSG00000135587	-0.226209	3.885661	0.741686	1 SMPD2	K12351
ENSG00000188566	-0.224088	4.951347	0.741815	1 NDOR1	-
ENSG00000145191	-0.220992	5.539721	0.741942	1 EIF2B5	K03240
ENSG00000105325	0.219311	5.860065	0.742196	1 FZR1	K03364
ENSG00000174444	0.215068	11.5549	0.7422	1 RPL4	K02930
ENSG00000256269	-0.21832	5.645913	0.742244	1 HMBS	K01749
ENSG00000092201	-0.215895	7.926626	0.742271	1 SUPT16H	-
ENSG00000057657	0.234838	3.76208	0.742324	1 PRDM1	-
ENSG00000167986	0.215399	8.627581	0.74236	1 DDB1	K10610
ENSG00000172974	0.216297	7.137712	0.742451	1 AC007318.5	K15040
ENSG00000073578	0.215126	8.963958	0.742545	1 SDHA	K00234
ENSG00000165806	-0.218666	5.156892	0.742596	1 CASP7	K04397
ENSG00000166272	-0.222355	4.813232	0.742616	1 WBP1L	-

ENSG00000134285	0.224186	4.515905	0.742706	1 FKBP11	K09576
ENSG00000126603	0.220012	5.131317	0.742737	1 GLIS2	K09233
ENSG00000140043	0.223641	3.93859	0.742776	1 PTGR2	K13949
ENSG00000136108	-0.215844	7.428818	0.742786	1 CKAP2	K16769
ENSG00000073614	0.217998	6.052252	0.742802	1 KDM5A	K11446
ENSG00000162496	0.221363	5.392915	0.742817	1 DHRS3	K11146
ENSG00000073792	-0.219075	5.00962	0.742858	1 IGF2BP2	K17392
ENSG00000118620	-0.246853	2.979326	0.742872	1 ZNF430	K09228
ENSG00000186193	-0.21704	6.09109	0.742891	1 SAPCD2	-
ENSG00000101574	-0.222611	4.483759	0.742929	1 METTL4	-
ENSG00000104969	0.216437	6.666716	0.742964	1 SGTA	K12581
ENSG00000177469	0.214949	8.267488	0.743056	1 PTRF	K19387
ENSG00000009413	0.223218	4.843996	0.743182	1 REV3L	K02350
ENSG00000103168	-0.220227	5.063026	0.743189	1 TAF1C	K15214
ENSG00000269640	-0.244088	2.875502	0.743528	1 CTD-2521M24.9	-
ENSG00000135845	-0.218107	5.513106	0.743547	1 PIGC	-
ENSG00000235560	-0.322012	1.096649	0.743746	1 AC002310.12	-
ENSG00000109919	-0.215214	7.170246	0.743818	1 MTCH2	K17885
ENSG00000167118	-0.21716	5.671928	0.743826	1 URM1	K12161
ENSG00000121892	-0.215067	7.300186	0.743827	1 PDS5A	K11267
ENSG00000185551	-0.218865	5.209942	0.744052	1 NR2F2	K08548
ENSG00000119778	-0.238389	3.181173	0.7441	1 ATAD2B	-
ENSG00000188493	0.227729	3.716171	0.74428	1 C19orf54	-
ENSG00000271122	0.252608	2.742569	0.744283	1 RP11-379H18.1	-
ENSG00000216490	-0.240865	2.763592	0.744283	1 IFI30	K08059
ENSG00000198026	0.222401	4.559382	0.744287	1 ZNF335	K10653
ENSG00000178927	0.214958	6.23819	0.744332	1 C17orf62	-
ENSG00000154174	-0.215019	6.9266	0.744385	1 TOMM70A	K17768
ENSG00000134684	-0.213509	8.53625	0.744644	1 YARS	K01866
ENSG00000157014	-0.225612	4.378168	0.744683	1 TATDN2	K03424
ENSG00000113272	-0.232789	4.061378	0.744708	1 THG1L	K10761
ENSG00000119655	0.214932	6.636142	0.744749	1 NPC2	K13443
ENSG00000198925	0.21504	6.560952	0.744756	1 ATG9A	K17907
ENSG00000180891	-0.21694	5.259964	0.744856	1 CUEDC1	-
ENSG00000157538	0.215717	6.038287	0.744902	1 DSCR3	K11447
ENSG00000105671	0.214908	6.150067	0.745001	1 DDX49	K14778
ENSG00000179941	-0.226037	4.010552	0.745083	1 BBS10	K19401
ENSG00000087053	-0.214493	6.866669	0.745085	1 MTMR2	K18081
ENSG00000112110	-0.21589	6.287846	0.745113	1 MRPL18	K02881
ENSG00000070718	0.227404	4.156024	0.745203	1 AP3M2	K12398
ENSG00000124713	0.414359	0.60836	0.745262	1 GNMT	K00552
ENSG00000125966	0.414359	0.60836	0.745262	1 MMP24	K08002
ENSG00000143110	0.414359	0.60836	0.745262	1 C1orf162	-
ENSG00000169446	0.414359	0.60836	0.745262	1 MMGT1	-
ENSG00000223797	0.414359	0.60836	0.745262	1 ENTPD3-AS1	-
ENSG00000255100	0.414359	0.60836	0.745262	1 RP11-21L23.3	-
ENSG00000126458	-0.216972	5.34758	0.745281	1 RRAS	K07829
ENSG00000132481	-0.216054	5.524573	0.745392	1 TRIM47	K12023
ENSG00000049449	-0.212545	9.413402	0.745429	1 RCN1	-
ENSG00000155906	-0.221266	4.533792	0.745448	1 RMND1	-
ENSG00000263711	-0.229229	3.963607	0.745484	1 RP11-169F17.1	K17985
ENSG00000120071	0.226796	3.958453	0.745484	1 KANSL1	K18400
ENSG00000143147	-0.224014	3.960737	0.745484	1 GPR161	K08439
ENSG00000084444	-0.232127	2.995552	0.745485	1 KIAA1467	-
ENSG00000135966	-0.218971	4.831801	0.7456	1 TGFBRAP1	-
ENSG00000189306	-0.214785	6.398453	0.745629	1 RRP7A	K14545
ENSG00000168495	0.218165	4.998931	0.745672	1 POLR3D	K03026
ENSG00000136940	-0.219763	4.499324	0.745736	1 PDCL	K09228

ENSG00000111788	-0.22274	4.607548	0.745775	1 RP11-22B23.1	K11273
ENSG00000169026	-0.271579	1.953573	0.745803	1 MFSD7	K12306
ENSG00000077616	0.572238	-0.078186	0.745855	1 NAALAD2	K01301
ENSG00000092068	0.572238	-0.078186	0.745855	1 SLC7A8	K13781
ENSG00000099840	0.572238	-0.078186	0.745855	1 IZUMO4	-
ENSG00000185291	0.572238	-0.078186	0.745855	1 IL3RA	K04737
ENSG00000188263	0.572238	-0.078186	0.745855	1 IL17REL	-
ENSG00000204262	0.572238	-0.078186	0.745855	1 COL5A2	K19721
ENSG00000235387	0.572238	-0.078186	0.745855	1 LINC00961	-
ENSG00000235529	0.572238	-0.078186	0.745855	1 AGAP1-IT1	-
ENSG00000253671	0.572238	-0.078186	0.745855	1 RP11-806O11.1	-
ENSG00000269965	0.572238	-0.078186	0.745855	1 RP11-24B19.4	-
ENSG00000166819	0.448518	-0.022581	0.745855	1 PLIN1	K08768
ENSG00000176933	0.448518	-0.022581	0.745855	1 TOB2P1	K14443
ENSG00000184886	0.448518	-0.022581	0.745855	1 PIGW	K05283
ENSG00000185482	0.448518	-0.022581	0.745855	1 STAC3	-
ENSG00000213252	0.448518	-0.022581	0.745855	1 RP11-819M15.1	-
ENSG00000229994	0.448518	-0.022581	0.745855	1 RPL5P4	K02932
ENSG00000235245	0.448518	-0.022581	0.745855	1 RP11-122K13.12	-
ENSG00000250471	0.448518	-0.022581	0.745855	1 GMPSP1	K01951
ENSG00000260388	0.448518	-0.022581	0.745855	1 LINC00562	-
ENSG00000272417	0.448518	-0.022581	0.745855	1 CTD-2199O4.6	-
ENSG00000272807	0.448518	-0.022581	0.745855	1 RP11-260M2.1	-
ENSG00000273448	0.448518	-0.022581	0.745855	1 RP11-166O4.6	-
ENSG00000010017	0.214604	6.386184	0.745943	1 RANBP9	-
ENSG00000161202	0.214362	6.214146	0.745999	1 DVL3	K02353
ENSG00000167965	-0.213375	6.388555	0.746194	1 MLST8	K08266
ENSG00000020633	0.23109	2.485881	0.746206	1 RUNX3	K09279
ENSG00000136527	-0.212861	7.380746	0.746279	1 TRA2B	K12897
ENSG00000121350	-0.222778	4.646558	0.746345	1 PYROXD1	-
ENSG00000007255	0.223139	3.850069	0.746378	1 TRAPPC6A	-
ENSG00000157510	0.223139	3.850069	0.746378	1 AFAP1L1	-
ENSG00000099864	0.214492	6.251502	0.746558	1 PALM	K16519
ENSG00000172172	-0.213147	6.852717	0.746659	1 MRPL13	K02871
ENSG00000163156	-0.214118	5.689016	0.746707	1 SCNMI	K17985
ENSG00000119787	-0.214277	6.231823	0.74675	1 ATL2	K17339
ENSG00000161203	0.211448	8.976888	0.746792	1 AP2M1	K11826
ENSG00000132383	0.2118	7.913192	0.746915	1 RPA1	K07466
ENSG00000186130	-0.22001	4.582148	0.746931	1 ZBTB6	K10493
ENSG00000105254	-0.214839	5.605091	0.747022	1 TBCB	K17262
ENSG00000115998	-0.231497	3.111699	0.747154	1 C2orf42	-
ENSG00000132432	0.21228	7.059879	0.747179	1 SEC61G	K07342
ENSG00000106689	0.248714	2.768652	0.747295	1 LHX2	K09373
ENSG00000183421	0.290697	1.703753	0.747485	1 RIPK4	K08848
ENSG00000165912	-0.212074	7.127973	0.747495	1 PACSIN3	-
ENSG00000164542	-0.216678	5.208755	0.747643	1 KIAA0895	-
ENSG00000188786	0.224087	4.021996	0.747649	1 MTF1	-
ENSG00000159346	0.211783	7.074933	0.747735	1 ADIPOR1	K07297
ENSG00000064666	-0.212604	6.58891	0.747748	1 CNN2	K15411
ENSG00000105281	-0.211055	8.002418	0.747803	1 SLC1A5	K05616
ENSG00000105953	0.211234	7.60674	0.747809	1 OGDH	K00164
ENSG00000163882	0.212183	6.694517	0.747819	1 POLR2H	K03016
ENSG00000161326	-0.218145	4.903821	0.747966	1 DUSP14	K14165
ENSG00000117016	0.240196	2.99475	0.748046	1 RIMS3	K15298
ENSG00000065427	-0.211117	7.60638	0.74806	1 KARS	K04567
ENSG00000086827	-0.215471	4.81632	0.748072	1 ZW10	K11578
ENSG00000151276	0.219302	3.972584	0.748137	1 MAGI1	K05631
ENSG00000073905	0.224814	3.457254	0.748257	1 VDAC1P1	K05862

ENSG00000137413	-0.222563	4.440017	0.748283	1 TAF8	K14649
ENSG00000198680	-0.222563	4.440017	0.748283	1 TUSC1	-
ENSG00000177425	-0.211224	7.210164	0.74837	1 PAWR	K09228
ENSG00000119686	0.238777	2.648258	0.748426	1 FLVCR2	K08220
ENSG00000234444	-0.230632	3.615881	0.748643	1 ZNF736	-
ENSG00000147471	-0.218218	5.044554	0.748658	1 PROSC	K06997
ENSG00000164338	-0.214396	4.908194	0.74866	1 UTP15	K14549
ENSG00000177030	-0.222052	4.591277	0.748664	1 DEAF1	-
ENSG00000267317	-0.218983	4.481777	0.74885	1 CTB-25B13.12	-
ENSG00000135624	-0.209518	9.391082	0.748937	1 CCT7	K09499
ENSG00000140575	0.209598	8.895884	0.74896	1 IQGAP1	K16848
ENSG00000091409	-0.211334	6.721454	0.748969	1 ITGA6	K06485
ENSG00000174886	-0.212397	5.669351	0.749057	1 NDUFA11	K03956
ENSG00000116288	-0.210273	7.497614	0.749143	1 PARK7	K05687
ENSG00000038274	-0.211106	6.746561	0.749188	1 MAT2B	K00789
ENSG00000132792	-0.213623	5.527426	0.749191	1 CTNNBL1	K12864
ENSG00000109911	-0.228448	3.873779	0.749221	1 ELP4	K11375
ENSG00000130529	-0.217208	4.696392	0.749303	1 TRPM4	K04979
ENSG00000121579	-0.209527	8.305374	0.749373	1 NAA50	-
ENSG00000020129	0.220072	4.517847	0.749386	1 NCDN	-
ENSG00000132740	0.216047	4.0855	0.749633	1 IGHMBP2	K19036
ENSG00000132692	0.27595	1.440512	0.749699	1 BCAN	K06795
ENSG00000254681	0.27595	1.440512	0.749699	1 PKD1P5	K04985
ENSG00000266970	0.27595	1.440512	0.749699	1 RP11-806H10.4	-
ENSG00000272872	0.27595	1.440512	0.749699	1 LL22NC03-N14H11	-
ENSG00000251333	-0.26674	1.472422	0.749699	1 RTN3P1	-
ENSG00000267432	-0.26674	1.472422	0.749699	1 RP11-559N14.5	-
ENSG00000249936	-0.246979	2.517822	0.749762	1 RAC1P2	K04392
ENSG00000011677	0.243748	2.508725	0.749762	1 GABRA3	K05175
ENSG00000172006	0.243748	2.508725	0.749762	1 ZNF554	K09228
ENSG00000135541	0.213428	5.47318	0.749775	1 AH11	K16740
ENSG00000119979	-0.214381	5.374232	0.749856	1 FAM45A	-
ENSG00000007545	0.216757	4.27651	0.749942	1 CRAMP1L	-
ENSG00000198315	0.213578	5.352662	0.750077	1 ZKSCAN8	K09229
ENSG00000213551	-0.213462	5.355091	0.750077	1 DNAJC9	K09529
ENSG00000196715	-0.211569	6.240548	0.750185	1 VKORC1L1	K05357
ENSG00000034533	-0.247636	2.795726	0.750238	1 ASTE1	K01537
ENSG00000164733	0.208694	8.333447	0.750251	1 CTSB	K01363
ENSG00000167635	-0.20942	7.32611	0.750316	1 ZNF146	K09228
ENSG00000172977	0.213869	4.598003	0.750374	1 KAT5	K11304
ENSG00000110871	-0.212796	5.418955	0.750404	1 COQ5	K06127
ENSG00000138629	-0.212245	6.110888	0.750453	1 UBL7	-
ENSG00000141349	-0.211611	6.362173	0.750465	1 G6PC3	K01084
ENSG00000120697	-0.215011	5.001425	0.750475	1 ALG5	K00729
ENSG00000104866	0.214582	4.734518	0.750531	1 PPP1R37	K17576
ENSG00000115289	-0.219484	4.411453	0.75061	1 PCGF1	K11487
ENSG00000064703	-0.210041	6.321121	0.750675	1 DDX20	K13131
ENSG00000187713	-0.212108	5.882646	0.750695	1 TMEM203	-
ENSG00000171862	0.209416	6.833017	0.750798	1 PTEN	K01110
ENSG00000129911	0.21191	5.625885	0.75084	1 KLF16	K09208
ENSG00000121281	-0.261598	1.997824	0.750881	1 ADCY7	-
ENSG00000176438	-0.261598	1.997824	0.750881	1 SYNE3	K15696
ENSG00000163867	-0.233271	3.396217	0.750954	1 ZMYM6	-
ENSG00000160298	0.215638	4.28555	0.750996	1 C21orf58	-
ENSG00000167646	0.223998	3.69266	0.75119	1 DNAAF3	K19752
ENSG00000090263	-0.210773	5.521715	0.751191	1 MRPS33	K17411
ENSG00000177383	-0.210375	5.901096	0.751228	1 MAGEF1	-
ENSG00000143442	-0.211139	6.065163	0.751322	1 POGZ	K02864

ENSG00000182484	-0.243033	2.372669	0.751363	1 WASH6P	K18461
ENSG00000136002	0.210734	5.855511	0.751379	1 ARHGGEF4	K05769
ENSG00000113812	-0.218151	4.053332	0.751405	1 ACTR8	K11673
ENSG00000196367	0.212617	5.230538	0.751535	1 TRRAP	K08874
ENSG00000196517	0.21409	5.48401	0.751627	1 SLC6A9	K05038
ENSG00000144028	0.207547	8.230068	0.751636	1 SNRNP200	K12854
ENSG00000178607	0.240731	2.90975	0.751746	1 ERN1	K08852
ENSG00000116151	0.228039	2.915912	0.751746	1 MORN1	-
ENSG00000205356	0.228039	2.915912	0.751746	1 TECPR1	K17988
ENSG00000081154	-0.20769	7.895913	0.751776	1 PCNP	-
ENSG00000173915	-0.208437	7.067212	0.751778	1 USMG5	K18194
ENSG00000154642	-0.236973	3.136965	0.751833	1 C21orf91	-
ENSG00000260565	-0.236973	3.136965	0.751833	1 ERVK13-1	-
ENSG00000120438	-0.207283	8.558536	0.751837	1 TCP1	K09493
ENSG00000106144	-0.212443	5.467294	0.751853	1 CASP2	K02186
ENSG00000102034	0.212764	5.542633	0.751866	1 ELF4	K09428
ENSG00000065060	-0.21036	5.720106	0.751893	1 UHRF1BP1	K17985
ENSG00000102172	-0.207134	8.736512	0.751928	1 SMS	K00802
ENSG00000107338	-0.225419	3.480972	0.751932	1 SHB	-
ENSG00000138768	-0.208458	6.930942	0.751949	1 USO1	-
ENSG00000143476	0.208335	6.868009	0.751996	1 DTL	K11790
ENSG00000142961	0.224936	3.883141	0.752001	1 MOB3C	-
ENSG00000135452	-0.212376	4.38018	0.752048	1 TSPAN31	K17356
ENSG00000118762	-0.214501	4.462002	0.752053	1 PKD2	K04986
ENSG00000188157	-0.20704	8.649941	0.752075	1 AGRN	K06254
ENSG00000149639	0.210924	5.720499	0.752283	1 SOGA1	K11447
ENSG00000166855	-0.208912	6.420121	0.752349	1 CLPX	K03544
ENSG00000067596	0.208206	6.205828	0.752371	1 DHX8	K12818
ENSG00000198589	0.210289	5.063382	0.752383	1 LRBA	-
ENSG00000110583	0.215374	4.644367	0.752471	1 NAA40	-
ENSG00000166949	0.208952	5.737052	0.752474	1 SMAD3	K04500
ENSG00000116729	0.207314	7.402376	0.752534	1 WLS	-
ENSG00000110651	0.207207	7.522797	0.752542	1 CD81	K06508
ENSG00000113522	-0.210219	6.254965	0.752632	1 RAD50	K10866
ENSG00000113734	-0.226119	3.949458	0.752668	1 BNIP1	K08497
ENSG00000015568	0.300388	1.095694	0.752733	1 RGPD5	K12172
ENSG00000161544	0.300388	1.095694	0.752733	1 CYGB	-
ENSG00000188511	0.300388	1.095694	0.752733	1 C22orf34	-
ENSG00000236682	0.300388	1.095694	0.752733	1 AC068282.3	-
ENSG00000260276	0.300388	1.095694	0.752733	1 RP11-77H9.2	-
ENSG00000267493	0.300388	1.095694	0.752733	1 CIRBP-AS1	-
ENSG00000110200	-0.22148	3.702469	0.752753	1 ANAPC15	-
ENSG00000134504	-0.212589	4.814753	0.752798	1 KCTD1	-
ENSG00000165490	-0.209962	5.741557	0.752858	1 C11orf82	K08857
ENSG00000146833	-0.230091	3.412719	0.752866	1 TRIM4	K11998
ENSG00000112297	-0.227393	3.237816	0.752936	1 AIM1	-
ENSG00000172613	0.214532	4.294533	0.753079	1 RAD9A	K10994
ENSG00000165516	-0.212117	5.287144	0.753134	1 KLHDC2	-
ENSG00000171320	-0.211187	4.786447	0.753183	1 ESCO2	K11268
ENSG00000121957	0.20724	6.921493	0.753187	1 GPSM2	K15837
ENSG00000161813	-0.206843	7.369426	0.753247	1 LARP4	K18763
ENSG00000135632	-0.211815	5.43626	0.753271	1 SMYD5	-
ENSG00000145016	0.221035	4.002994	0.753282	1 KIAA0226	K19330
ENSG00000124357	0.215162	4.005792	0.753282	1 NAGK	K00884
ENSG00000166171	0.215162	4.005792	0.753282	1 DPCD	-
ENSG00000140464	0.209994	5.043556	0.753319	1 PML	K10054
ENSG00000226564	0.257593	2.181229	0.75332	1 FTH1P20	K00522
ENSG00000196924	-0.238117	2.21117	0.75332	1 FLNA	K04437

ENSG00000113048	-0.206351	7.812427	0.753393	1 MRPS27	K17406
ENSG00000167657	0.208916	6.126998	0.753417	1 DAPK3	K08803
ENSG00000152082	-0.208154	5.870721	0.753498	1 MZT2B	K16574
ENSG00000166444	0.208746	5.375051	0.753568	1 ST5	-
ENSG00000144744	-0.208216	6.225997	0.753606	1 UBA3	K10686
ENSG00000134262	-0.220654	4.2596	0.753639	1 AP4B1	K12401
ENSG00000214706	-0.222509	3.496542	0.75373	1 IFRD2	-
ENSG00000175265	-0.207338	6.168074	0.753811	1 GOLGA8A	K10582
ENSG00000112339	0.208241	5.901763	0.754154	1 HBS1L	K14416
ENSG00000169733	-0.207874	5.482073	0.754156	1 RFNG	K05948
ENSG00000078699	0.213882	4.819366	0.754243	1 CBFA2T2	K17985
ENSG00000121749	0.20685	6.518459	0.754281	1 TBC1D15	-
ENSG00000005812	-0.207729	5.782731	0.754333	1 FBXL3	K10269
ENSG00000134253	-0.230277	2.945145	0.754371	1 TRIM45	K12021
ENSG00000225485	-0.219564	2.939164	0.754371	1 ARHGAP23	-
ENSG00000198464	-0.215755	3.575772	0.754502	1 ZNF480	K09228
ENSG00000092199	-0.20466	9.574915	0.754522	1 HNRNPC	K12884
ENSG00000127824	0.205164	7.89132	0.754612	1 TUBA4A	K07374
ENSG00000085982	-0.214332	4.731441	0.754769	1 USP40	K11869
ENSG00000169032	0.206449	6.480125	0.754816	1 MAP2K1	K04368
ENSG00000158552	0.220862	4.168342	0.754862	1 ZFAND2B	-
ENSG00000185009	0.206421	6.463308	0.754879	1 AP3M1	K12398
ENSG00000047249	0.206018	6.718035	0.754902	1 ATP6V1H	K02144
ENSG00000162972	-0.21327	4.8287	0.754959	1 C2orf47	-
ENSG00000196922	-0.211247	4.975188	0.755012	1 ZNF252P	K09228
ENSG00000117036	-0.215088	4.315647	0.755127	1 ETV3	K09433
ENSG00000100387	-0.206459	6.434384	0.755151	1 RBX1	K03868
ENSG00000154710	0.244838	2.388304	0.755155	1 RABGEF1	-
ENSG00000090581	0.20738	5.722159	0.755207	1 GNPTG	K10087
ENSG00000115935	-0.209755	4.699735	0.75522	1 WIPF1	K19475
ENSG00000151553	-0.208177	5.601489	0.755266	1 FAM160B1	-
ENSG00000122008	-0.211517	5.005514	0.755274	1 POLK	K03511
ENSG00000186642	0.204415	8.139705	0.755319	1 PDE2A	K18283
ENSG00000137876	-0.204711	7.679618	0.755407	1 RSL24D1	K02896
ENSG00000269858	0.218126	3.840974	0.755525	1 EGLN2	K09592
ENSG00000100263	-0.2093	5.033873	0.755526	1 RHBDD3	-
ENSG00000117000	0.206187	5.030194	0.755526	1 RLF	-
ENSG00000104863	0.241337	2.819437	0.755926	1 LIN7B	-
ENSG00000267427	0.205389	6.522758	0.755963	1 CTC-503J8.6	-
ENSG00000131149	0.205957	6.341926	0.756157	1 GSE1	-
ENSG00000116830	-0.207557	5.959298	0.75623	1 TTF2	K15173
ENSG0000012963	0.208169	5.187828	0.756301	1 UBR7	K11979
ENSG00000162241	0.22858	3.156242	0.756344	1 SLC25A45	K15123
ENSG00000186283	-0.207319	5.74728	0.756498	1 TOR3A	-
ENSG00000196757	0.215291	4.360114	0.756512	1 ZNF700	K09228
ENSG00000023734	-0.203287	8.423434	0.75654	1 STRAP	K13137
ENSG00000214110	0.300766	1.486524	0.756575	1 LDHAP4	K00016
ENSG00000273162	0.300766	1.486524	0.756575	1 RP11-108L7.15	-
ENSG00000130684	0.265289	1.504097	0.756575	1 ZNF337	K09228
ENSG00000142168	-0.203988	7.338641	0.756589	1 SOD1	K04565
ENSG00000159658	-0.205129	6.418085	0.756723	1 EFCAB14	-
ENSG00000224861	0.221914	3.654868	0.756782	1 YBX1P1	K09276
ENSG00000130021	-0.210794	4.80694	0.75683	1 HDHD1	K17623
ENSG00000111554	-0.219505	3.855619	0.75691	1 MDM1	K17886
ENSG00000031823	0.204792	6.085573	0.756946	1 RANBP3	K15304
ENSG00000154144	-0.222034	4.0321	0.757006	1 TBRG1	K04613
ENSG00000092758	0.218285	4.024757	0.757006	1 COL9A3	K08131
ENSG00000129515	-0.205358	6.269818	0.757036	1 SNX6	K17920

ENSG00000219481	-0.212009	4.744567	0.75704	1 NBPF1	-
ENSG00000183617	-0.219579	4.186867	0.757082	1 MRPL54	K17435
ENSG00000102038	-0.391285	0.698644	0.7571	1 SMARCA1	K11727
ENSG00000114378	0.344543	0.642022	0.7571	1 HYAL1	K01197
ENSG00000165949	0.344543	0.642022	0.7571	1 IFI27	-
ENSG00000198863	-0.209617	5.016381	0.757155	1 RUNDC1	-
ENSG00000102931	-0.205743	5.539724	0.757178	1 ARL2BP	K16742
ENSG00000158062	-0.212213	4.452011	0.757193	1 UBXN11	-
ENSG00000143183	0.204226	6.581688	0.757204	1 TMCO1	K01489
ENSG00000123636	-0.226817	3.515903	0.75725	1 BAZ2B	-
ENSG00000117713	0.207696	5.310149	0.757257	1 ARID1A	K11653
ENSG00000115750	-0.219713	3.920734	0.757385	1 TAF1B	K15213
ENSG00000205571	-0.215432	4.236495	0.757458	1 SMN2	K13129
ENSG00000106348	-0.203758	6.867463	0.757484	1 IMPDH1	K00088
ENSG00000178229	-0.273667	2.231417	0.757515	1 ZNF543	K09228
ENSG00000099250	0.210703	4.711265	0.757535	1 NRP1	K06724
ENSG00000065150	-0.202184	8.710316	0.757683	1 IPO5	-
ENSG00000229809	-0.251627	2.711281	0.757734	1 ZNF688	K09228
ENSG00000126749	-0.239045	2.70419	0.757734	1 EMG1	K14568
ENSG00000237523	-0.229778	3.065264	0.757802	1 LINC00857	-
ENSG00000064547	0.219843	3.065052	0.757802	1 LPAR2	K04291
ENSG00000163486	0.219843	3.065052	0.757802	1 SRGAP2	K07526
ENSG00000116752	-0.204147	6.441971	0.757808	1 BCAS2	K12861
ENSG00000141448	-0.215734	4.286757	0.757809	1 GATA6	K17897
ENSG00000174080	0.207306	4.8743	0.75801	1 CTSF	K01373
ENSG00000165916	-0.202453	7.659616	0.758044	1 PSMC3	K03065
ENSG00000136938	-0.202017	8.347859	0.758057	1 ANP32B	K18647
ENSG00000167601	0.202398	7.399755	0.758233	1 AXL	K05115
ENSG00000164284	-0.203339	5.741563	0.75825	1 GRPEL2	K03687
ENSG00000163389	-0.217314	3.867651	0.758279	1 POGLUT1	K13667
ENSG00000121691	0.204284	5.466247	0.758364	1 CAT	K03781
ENSG00000198455	-0.207429	5.274743	0.758458	1 ZXDB	-
ENSG00000226054	-0.251861	2.414755	0.758834	1 MEMO1P1	K06990
ENSG00000118855	-0.206762	5.182437	0.758876	1 MFSD1	-
ENSG00000206417	-0.282182	1.7984	0.758903	1 H1FX-AS1	-
ENSG00000095209	-0.203775	5.947994	0.758939	1 TMEM38B	-
ENSG00000142453	-0.203843	6.174163	0.758945	1 CARM1	K05931
ENSG00000090487	-0.202236	6.980036	0.759079	1 SPG21	K19367
ENSG00000112144	-0.228989	3.279081	0.759179	1 ICK	K08828
ENSG00000175048	0.214012	3.270053	0.759179	1 ZDHHC14	K16675
ENSG00000105926	-0.205012	5.661587	0.759209	1 MPP6	-
ENSG00000173848	-0.20322	5.890806	0.759216	1 NET1	-
ENSG00000165219	0.202577	6.444266	0.759364	1 GAPVD1	K14209
ENSG00000086015	0.202421	6.515089	0.759411	1 MAST2	K08789
ENSG00000198551	-0.217284	3.608507	0.759458	1 ZNF627	K09228
ENSG00000102241	-0.201706	7.148238	0.759465	1 HTATSF1	K13093
ENSG00000161714	0.201402	7.258678	0.759535	1 PLCD3	K05857
ENSG00000143653	-0.202319	6.116605	0.759675	1 SCCPDH	-
ENSG00000254093	-0.220774	3.370781	0.759739	1 PINX1	K11135
ENSG00000145779	0.201946	6.625464	0.759769	1 TNFAIP8	-
ENSG00000248131	-0.23489	2.577468	0.759863	1 CT49	-
ENSG00000087206	0.203539	5.455283	0.760048	1 UIMC1	K12581
ENSG00000183955	-0.20225	5.53784	0.760067	1 SETD8	K11428
ENSG00000186063	-0.202421	5.479129	0.760165	1 AIDA	-
ENSG00000183530	0.204016	5.138841	0.760241	1 PRR14L	K01613
ENSG00000108384	-0.203837	5.668496	0.76039	1 RAD51C	K10870
ENSG00000162194	-0.201216	5.866983	0.760392	1 C11orf48	-
ENSG00000261355	-0.272371	2.052285	0.76046	1 RP11-698N11.4	-

ENSG00000228782	-0.252241	2.040772	0.76046	1 MRPL45P2	K17426
ENSG00000143379	0.201442	5.896604	0.760559	1 SETDB1	K11421
ENSG00000228253	0.202343	6.18364	0.7606	1 MT-ATP8	K02125
ENSG00000204520	0.223099	3.531256	0.760673	1 MICA	K07985
ENSG00000003249	0.214933	3.535182	0.760673	1 DBNDD1	-
ENSG00000047617	-0.233778	2.730716	0.760688	1 ANO2	K19497
ENSG00000257167	-0.233778	2.730716	0.760688	1 TMPO-AS1	-
ENSG00000262049	-0.233778	2.730716	0.760688	1 RP13-1032I1.7	-
ENSG00000147403	0.199899	7.908385	0.760712	1 RPL10	K02866
ENSG00000176946	-0.203024	6.002319	0.760782	1 THAP4	-
ENSG00000056586	-0.204822	5.52267	0.760822	1 RC3H2	K15690
ENSG00000144746	0.200932	6.688529	0.760841	1 ARL6IP5	-
ENSG00000117592	-0.199306	9.16115	0.760861	1 PRDX6	K11188
ENSG00000153914	-0.201051	6.69763	0.760902	1 SREK1	K13165
ENSG00000090861	-0.199503	8.356455	0.760973	1 AARS	K01872
ENSG00000144362	-0.337996	1.197386	0.761112	1 PHOSPHO2	K13248
ENSG00000250959	-0.337996	1.197386	0.761112	1 GLUD1P3	K00261
ENSG00000267680	-0.337996	1.197386	0.761112	1 ZNF224	K17985
ENSG00000213401	0.28544	1.176017	0.761112	1 MAGEA12	-
ENSG00000139154	-0.200447	6.237096	0.761122	1 AEBP2	K17452
ENSG00000212664	0.207508	4.156209	0.761163	1 RP11-592N21.1	K02880
ENSG00000112624	0.211069	3.686046	0.76142	1 GLTSCR1L	-
ENSG00000101972	0.199327	7.640072	0.761581	1 STAG2	K06671
ENSG00000108961	-0.217973	3.75855	0.761741	1 RANGRF	K15117
ENSG00000141446	0.202877	5.148775	0.761921	1 ESCO1	K12900
ENSG00000138078	-0.203322	5.58698	0.761943	1 PREPL	-
ENSG00000152904	-0.201705	6.194054	0.761962	1 GGPS1	K00804
ENSG00000185813	-0.203552	4.90231	0.762037	1 PCYT2	K00967
ENSG00000188428	-0.208976	4.742918	0.762039	1 BLOC1S5	K04613
ENSG00000142892	-0.199896	6.817077	0.762041	1 PIGK	K05290
ENSG00000105193	0.19787	10.02053	0.762305	1 RPS16	K02960
ENSG00000133624	0.217207	3.085928	0.762406	1 ZNF767	K09228
ENSG00000120075	0.240042	2.421573	0.762406	1 HOXB5	K09305
ENSG00000261740	0.222157	2.430377	0.762406	1 RP11-345J4.5	K08873
ENSG00000074842	0.198801	7.394529	0.762415	1 C19orf10	-
ENSG00000173898	-0.201569	5.800142	0.762449	1 SPTBN2	K06115
ENSG00000124596	-0.204384	4.844005	0.76245	1 OARD1	-
ENSG00000116698	0.199561	6.64664	0.762499	1 SMG7	K14409
ENSG00000198954	-0.199377	6.134185	0.762526	1 KIAA1279	K10734
ENSG00000125730	0.198785	7.271792	0.76256	1 C3	K03990
ENSG00000086061	-0.197963	8.767964	0.762567	1 DNAJA1	K09502
ENSG00000125454	-0.210323	4.48564	0.762568	1 SLC25A19	K15108
ENSG00000268006	0.20923	4.262919	0.762653	1 PTOV1-AS1	-
ENSG00000167528	-0.207196	4.526123	0.762724	1 ZNF641	K09228
ENSG00000254004	-0.204816	4.747802	0.762773	1 ZNF260	K09228
ENSG00000160214	-0.20128	5.971232	0.762778	1 RRP1	K14849
ENSG00000111843	-0.197833	8.39068	0.762897	1 TMEM14C	-
ENSG00000173267	0.198596	7.144785	0.762923	1 SNCG	-
ENSG00000084693	0.205171	5.128837	0.762935	1 AGBL5	-
ENSG00000164050	0.205387	4.811604	0.76302	1 PLXNB1	K06821
ENSG00000164713	-0.200561	5.958606	0.76304	1 BRI3	-
ENSG00000157870	0.247035	2.590936	0.763054	1 FAM213B	K15717
ENSG00000180953	0.247035	2.590936	0.763054	1 ST20	K02162
ENSG00000184949	0.247035	2.590936	0.763054	1 FAM227A	-
ENSG00000135535	0.198014	7.679356	0.763076	1 CD164	K06546
ENSG00000270015	-0.282008	1.550502	0.763086	1 RP11-540B6.6	-
ENSG00000143376	0.201489	5.325561	0.763114	1 SNX27	K17936
ENSG00000119231	0.199879	5.897338	0.76315	1 SENP5	K08594

ENSG00000119383	-0.198907	6.841738	0.76315	1 PPP2R4	K17605
ENSG00000129484	-0.203535	5.349722	0.763194	1 PARP2	K10798
ENSG00000106609	0.198675	6.832204	0.76324	1 TMEM248	-
ENSG00000119326	-0.197688	8.0774	0.763256	1 CTNNAL1	-
ENSG00000161638	0.197997	7.466281	0.763282	1 ITGA5	K06484
ENSG00000166925	-0.201661	5.67108	0.763424	1 TSC22D4	-
ENSG00000155508	0.198369	6.948719	0.763432	1 CNOT8	K12581
ENSG00000175938	0.217629	3.383631	0.763482	1 ORAI3	K16058
ENSG00000137145	0.203709	5.436147	0.763489	1 DENND4C	-
ENSG00000075234	-0.201067	5.43929	0.763489	1 TTC38	-
ENSG00000188706	0.201414	5.456284	0.763557	1 ZDHHC9	K16675
ENSG00000169570	-0.228708	2.756766	0.763571	1 DTWD2	-
ENSG00000116525	0.227552	2.730161	0.763571	1 TRIM62	K12030
ENSG00000134780	0.213221	2.737183	0.763571	1 DAGLA	K13806
ENSG00000179715	0.213221	2.737183	0.763571	1 PCED1B	-
ENSG00000131019	-0.458282	0.099778	0.763627	1 ULBP3	K07986
ENSG00000138378	-0.458282	0.099778	0.763627	1 STAT4	K11222
ENSG00000197165	-0.458282	0.099778	0.763627	1 SULT1A2	K01014
ENSG00000211454	-0.458282	0.099778	0.763627	1 AKR7L	K15303
ENSG00000213236	-0.458282	0.099778	0.763627	1 YWHAZP2	K16197
ENSG00000250041	-0.458282	0.099778	0.763627	1 CTD-2003C8.2	-
ENSG00000255050	-0.458282	0.099778	0.763627	1 RP11-661A12.9	-
ENSG00000269018	-0.458282	0.099778	0.763627	1 AP001362.1	K04613
ENSG00000271153	-0.458282	0.099778	0.763627	1 ABC7-4304130019.1	K02893
ENSG00000000460	-0.208945	4.273168	0.763666	1 C1orf112	K17542
ENSG00000129696	-0.218083	3.476914	0.763757	1 TTI2	K10408
ENSG00000184047	-0.206299	3.963351	0.763798	1 DIABLO	K10522
ENSG00000059758	-0.20266	5.262234	0.763887	1 CDK17	K15595
ENSG00000106012	0.201805	5.283354	0.763957	1 IQCE	-
ENSG00000180340	-0.20176	5.483053	0.764063	1 FZD2	K02235
ENSG00000067900	0.197843	5.992791	0.764073	1 ROCK1	K04514
ENSG00000059728	-0.206566	4.413422	0.764074	1 MXD1	K09114
ENSG00000131558	-0.200351	5.778754	0.764117	1 EXOC4	K06111
ENSG00000197343	-0.20209	5.504446	0.764121	1 ZNF655	K09229
ENSG00000135956	0.199212	5.793532	0.764164	1 TMEM127	K15696
ENSG00000188986	-0.198203	6.719841	0.764168	1 NELFB	K15180
ENSG00000135090	-0.207106	4.457972	0.764195	1 TAOK3	K04429
ENSG00000155085	-0.247265	1.834161	0.764237	1 AK9	K18533
ENSG00000145386	-0.197467	7.246171	0.764266	1 CCNA2	K06627
ENSG00000171222	0.202855	5.212906	0.764267	1 SCAND1	-
ENSG00000148700	0.198254	6.4558	0.764353	1 ADD3	K18622
ENSG00000146067	-0.201801	4.822476	0.764408	1 FAM193B	-
ENSG00000157827	-0.198907	5.907698	0.764464	1 FMNL2	-
ENSG00000036257	0.198124	6.051548	0.764527	1 CUL3	K03869
ENSG00000044090	0.199061	5.422908	0.764792	1 CUL7	K10613
ENSG00000160211	0.202799	4.721319	0.764872	1 G6PD	K00036
ENSG00000138594	-0.196577	7.655523	0.764877	1 TMOD3	K12581
ENSG00000064313	-0.199725	5.955081	0.764896	1 TAF2	K03128
ENSG00000164169	-0.222145	3.214277	0.764898	1 PRMT10	K19737
ENSG00000125386	0.210752	3.901048	0.764905	1 FAM193A	-
ENSG00000068697	0.196166	8.129349	0.764914	1 LAPTM4A	K12387
ENSG00000172086	-0.203425	5.036532	0.764925	1 KRCC1	-
ENSG00000181191	0.25397	2.07109	0.76498	1 PJA1	K10633
ENSG00000120519	-0.243451	2.08249	0.76498	1 SLC10A7	K14347
ENSG00000213995	0.199134	5.863809	0.765015	1 CARKD	K17757
ENSG00000162852	-0.200194	4.794321	0.765025	1 CNST	K17581
ENSG00000250462	0.208661	3.967102	0.765041	1 LRRC37BP1	-
ENSG00000178188	0.203948	4.82406	0.765097	1 SH2B1	K05725

ENSG00000198715	0.200651	4.825621	0.765097	1 C1orf85	-
ENSG00000151693	0.208023	4.019464	0.765166	1 ASAP2	K12488
ENSG00000128191	0.199951	5.196245	0.765266	1 DGCR8	K18419
ENSG00000100360	-0.214675	3.404182	0.765311	1 IFT27	K07934
ENSG00000162520	-0.214675	3.404182	0.765311	1 SYNC	K10377
ENSG00000136270	-0.196506	7.273053	0.765352	1 TBRG4	-
ENSG00000125977	-0.195745	8.227194	0.765422	1 EIF2S2	K03238
ENSG00000166188	-0.207949	3.488505	0.765481	1 ZNF319	K09228
ENSG00000235272	0.226011	2.266878	0.765497	1 FAM103A2P	K18708
ENSG00000122085	-0.203485	4.696329	0.765543	1 MTERFD2	K15032
ENSG00000167378	0.202042	4.727963	0.765607	1 IRGQ	-
ENSG00000140650	0.203654	5.120031	0.765665	1 PMM2	K17497
ENSG00000158850	-0.199797	5.494761	0.765805	1 B4GALT3	K07968
ENSG00000133114	-0.199512	5.225224	0.765838	1 GPALPP1	-
ENSG00000112763	-0.199947	5.250768	0.765877	1 BTN2A1	K06712
ENSG00000144674	0.196175	7.012996	0.765899	1 GOLGA4	-
ENSG00000140157	-0.197605	6.034772	0.765953	1 NIPA2	-
ENSG00000155252	0.19777	5.591696	0.765963	1 PI4K2A	K13711
ENSG00000165724	-0.198533	5.855681	0.765994	1 ZMYND19	K17868
ENSG00000116095	-0.20628	4.508898	0.766023	1 PLEKHA3	-
ENSG00000100462	-0.196683	6.629359	0.766093	1 PRMT5	K02516
ENSG00000092020	-0.214323	3.917774	0.766188	1 PPP2R3C	K11583
ENSG00000173638	-0.199805	5.596974	0.766366	1 SLC19A1	K14609
ENSG00000159322	-0.199393	5.904775	0.76639	1 ADPGK	K08074
ENSG00000083520	-0.196246	6.736792	0.766412	1 DIS3	K12585
ENSG00000180628	-0.196729	6.209543	0.766468	1 PCGF5	K11489
ENSG00000203993	0.204533	4.138903	0.766484	1 C9orf37	-
ENSG00000133606	0.19527	7.431344	0.766488	1 MKRN1	K15687
ENSG00000164176	-0.195934	6.910015	0.766499	1 EDIL3	-
ENSG00000100285	0.206025	4.290121	0.766653	1 NEFH	K04574
ENSG00000152117	0.206025	4.290121	0.766653	1 AC093838.4	K12353
ENSG00000147419	-0.199516	5.519808	0.766688	1 CCDC25	K14571
ENSG00000109790	-0.196944	6.186265	0.766705	1 KLHL5	K10442
ENSG00000144199	-0.202075	5.076035	0.766724	1 FAHD2B	-
ENSG00000140382	-0.198493	5.560301	0.766729	1 HMG20A	-
ENSG00000249353	0.194994	7.489169	0.766755	1 NPM1P27	K11276
ENSG00000120696	0.205505	4.510251	0.766871	1 KBTBD7	K10474
ENSG00000141452	-0.202048	4.556207	0.766908	1 C18orf8	-
ENSG00000087191	-0.195094	7.295547	0.766969	1 PSMC5	K03066
ENSG00000168818	-0.204971	4.667313	0.767005	1 STX18	K08492
ENSG00000166439	0.201291	4.734576	0.767062	1 RNF169	-
ENSG00000117724	0.194221	8.195369	0.767142	1 CENPF	K11499
ENSG00000079387	-0.196927	5.106869	0.767314	1 SENP1	K08592
ENSG00000173653	-0.201881	5.211102	0.767374	1 RCE1	K08658
ENSG00000146463	-0.196462	6.113457	0.767467	1 ZMYM4	-
ENSG00000162714	-0.199635	5.39832	0.767473	1 ZNF496	K09229
ENSG00000114416	0.193905	8.195517	0.767511	1 FXR1	K15516
ENSG00000085871	-0.203362	4.045239	0.767518	1 MGST2	K00799
ENSG00000147535	-0.203362	4.045239	0.767518	1 PPAPDC1B	-
ENSG00000139531	-0.207276	4.201124	0.767592	1 SUOX	K00387
ENSG00000012174	-0.19552	6.535181	0.767621	1 MBTPS2	K07765
ENSG00000161010	0.2077	4.387688	0.767668	1 C5orf45	-
ENSG00000154743	-0.198613	4.435815	0.767684	1 TSEN2	K15322
ENSG00000123908	0.199057	4.632111	0.767751	1 AGO2	-
ENSG00000121774	-0.193812	8.042449	0.767794	1 KHDRBS1	K13198
ENSG00000141499	-0.200379	4.938475	0.767835	1 WRAP53	-
ENSG00000121851	-0.357324	0.801667	0.767877	1 POLR3GL	K03024
ENSG00000203813	-0.357324	0.801667	0.767877	1 HIST1H3H	K11253

ENSG00000272277	-0.357324	0.801667	0.767877	1 RP1-40E16.12	-
ENSG00000103044	0.320565	0.750992	0.767877	1 HAS3	K00752
ENSG00000224687	0.320565	0.750992	0.767877	1 RASAL2-AS1	-
ENSG00000235016	0.320565	0.750992	0.767877	1 RP11-493K19.3	-
ENSG00000181751	-0.306995	0.772389	0.767877	1 C5orf30	-
ENSG00000149658	-0.195693	6.24464	0.768039	1 YTHDF1	-
ENSG00000133275	-0.194876	6.683228	0.768096	1 CSNK1G2	K08958
ENSG00000126777	0.193494	7.989523	0.768114	1 KTN1	K17975
ENSG00000221978	-0.195015	6.5614	0.768157	1 CCNL2	-
ENSG00000105137	0.194794	6.55809	0.768187	1 SYDE1	-
ENSG00000177963	-0.19514	6.471925	0.768188	1 RIC8A	-
ENSG00000165732	-0.193105	8.749074	0.768237	1 DDX21	K16911
ENSG00000137161	0.194851	6.020097	0.768314	1 CNPY3	-
ENSG00000188243	-0.200195	5.290495	0.768403	1 COMMD6	-
ENSG00000162736	0.194569	6.568764	0.768429	1 NCSTN	K06171
ENSG00000132780	-0.193144	8.223256	0.768457	1 NASP	K11291
ENSG00000180964	-0.199958	4.814705	0.768486	1 TCEAL8	-
ENSG00000169905	0.194219	6.786792	0.768487	1 TOR1AIP2	K17985
ENSG00000139631	-0.202053	4.642951	0.768523	1 CSAD	K01594
ENSG00000103111	-0.20424	4.565502	0.768541	1 MON1B	-
ENSG00000158292	0.214426	3.65846	0.7688	1 GPR153	K08437
ENSG00000167105	0.214426	3.65846	0.7688	1 TMEM92	-
ENSG00000110108	-0.193483	7.252813	0.768895	1 TMEM109	-
ENSG00000176142	-0.198113	5.219354	0.768931	1 TMEM39A	-
ENSG00000204764	-0.223853	2.916219	0.769086	1 RANBP17	-
ENSG00000044446	-0.197572	5.705917	0.769088	1 PHKA2	K07190
ENSG00000151327	-0.195553	5.633623	0.769135	1 FAM177A1	-
ENSG00000137872	0.220745	2.782276	0.769137	1 SEMA6D	K06842
ENSG00000102981	-0.240373	1.59266	0.76926	1 PARD6A	K06093
ENSG00000135747	0.240854	2.293346	0.769296	1 ZNF670	K09228
ENSG00000231584	0.240854	2.293346	0.769296	1 FAHD2CP	-
ENSG00000213881	0.264382	1.857739	0.769341	1 NPM1P6	K11276
ENSG00000215068	-0.237279	1.882184	0.769341	1 AC025171.1	-
ENSG00000166797	-0.19385	6.64127	0.769364	1 FAM96A	-
ENSG00000039319	-0.193527	5.761096	0.76941	1 ZFYVE16	K04679
ENSG00000152382	-0.201714	4.489493	0.769414	1 TADA1	K11317
ENSG00000044115	0.191923	9.094584	0.769448	1 CTNNA1	K05691
ENSG00000132849	0.194296	6.012637	0.769512	1 INADL	K06092
ENSG00000168061	-0.19533	5.955795	0.769567	1 SAC3D1	K16734
ENSG00000164023	-0.195043	5.558443	0.769595	1 SGMS2	-
ENSG00000120896	-0.195719	5.909162	0.769611	1 SORBS3	-
ENSG00000109065	-0.19702	5.009564	0.769646	1 NAT9	-
ENSG00000147586	-0.193818	6.152792	0.769661	1 MRPS28	K17407
ENSG00000174373	-0.198706	4.164857	0.769711	1 RALGAPA1	-
ENSG00000105641	-0.744868	-0.94909	0.769726	1 SLC5A5	K14385
ENSG00000118557	-0.744868	-0.94909	0.769726	1 PMFBP1	-
ENSG00000137573	-0.744868	-0.94909	0.769726	1 SULF1	K14607
ENSG00000144452	-0.744868	-0.94909	0.769726	1 ABCA12	K05646
ENSG00000145002	-0.744868	-0.94909	0.769726	1 FAM86B2	K12354
ENSG00000155265	-0.744868	-0.94909	0.769726	1 GOLGA7B	-
ENSG00000164949	-0.744868	-0.94909	0.769726	1 GEM	K07846
ENSG00000165555	-0.744868	-0.94909	0.769726	1 NOXRED1	-
ENSG00000168743	-0.744868	-0.94909	0.769726	1 NPNT	K06824
ENSG00000171126	-0.744868	-0.94909	0.769726	1 KCNG3	K04902
ENSG00000175600	-0.744868	-0.94909	0.769726	1 SUGCT	K18703
ENSG00000178078	-0.744868	-0.94909	0.769726	1 STAP2	K17985
ENSG00000185634	-0.744868	-0.94909	0.769726	1 SHC4	K17449
ENSG00000199568	-0.744868	-0.94909	0.769726	1 RNU5A-1	-

ENSG00000213062	-0.744868	-0.94909	0.769726	1 AL021068.1	-
ENSG00000221843	-0.744868	-0.94909	0.769726	1 C2orf16	-
ENSG00000223756	-0.744868	-0.94909	0.769726	1 TSSC2	K03842
ENSG00000224959	-0.744868	-0.94909	0.769726	1 AC017002.2	-
ENSG00000226686	-0.744868	-0.94909	0.769726	1 AC012309.5	-
ENSG00000226706	-0.744868	-0.94909	0.769726	1 RP11-426A6.5	-
ENSG00000227653	-0.744868	-0.94909	0.769726	1 ISCA1P6	K13628
ENSG00000236209	-0.744868	-0.94909	0.769726	1 AC104135.2	-
ENSG00000236308	-0.744868	-0.94909	0.769726	1 RP11-316M21.7	-
ENSG00000238048	-0.744868	-0.94909	0.769726	1 AP005019.4	-
ENSG00000243742	-0.744868	-0.94909	0.769726	1 RPLP0P2	K02941
ENSG00000244119	-0.744868	-0.94909	0.769726	1 PDCL3P4	-
ENSG00000248278	-0.744868	-0.94909	0.769726	1 SUMO2P17	K12160
ENSG00000250404	-0.744868	-0.94909	0.769726	1 AC090587.2	-
ENSG00000252481	-0.744868	-0.94909	0.769726	1 SCARNA13	-
ENSG00000253878	-0.744868	-0.94909	0.769726	1 RP11-347C18.3	-
ENSG00000254331	-0.744868	-0.94909	0.769726	1 CKS1BP7	K02219
ENSG00000256196	-0.744868	-0.94909	0.769726	1 RP11-881M11.4	-
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ENSG00000257410	-0.744868	-0.94909	0.769726	1 RP11-2H8.2	-
ENSG00000259086	-0.744868	-0.94909	0.769726	1 RP11-134E15.2	-
ENSG00000259918	-0.744868	-0.94909	0.769726	1 NDUFA5P11	K03949
ENSG00000263006	-0.744868	-0.94909	0.769726	1 ROCK1P1	K04514
ENSG00000265393	-0.744868	-0.94909	0.769726	1 CTD-2517M22.17	-
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ENSG00000271828	-0.744868	-0.94909	0.769726	1 CTD-2310F14.1	-
ENSG00000271964	-0.744868	-0.94909	0.769726	1 RP11-415F23.2	-
ENSG00000272112	-0.744868	-0.94909	0.769726	1 CTB-113P19.5	-
ENSG00000272129	-0.744868	-0.94909	0.769726	1 RP11-250B2.6	-
ENSG00000273366	-0.744868	-0.94909	0.769726	1 CTA-989H11.1	-
ENSG00000273488	-0.744868	-0.94909	0.769726	1 RP11-114I8.4	-
ENSG00000122692	-0.193122	6.890955	0.769799	1 SMU1	K13111
ENSG00000149150	0.200214	4.684252	0.770006	1 SLC43A1	K08228
ENSG00000087448	-0.196033	5.641545	0.770292	1 KLHL42	-
ENSG00000165233	0.201329	4.406481	0.770385	1 C9orf89	-
ENSG00000088899	-0.203811	3.601093	0.770392	1 LZTS3	-
ENSG00000163930	-0.193434	5.976127	0.770469	1 BAP1	K08588
ENSG00000169689	0.193065	6.390311	0.770506	1 STRA13	K15360
ENSG00000116871	0.192025	7.16539	0.770546	1 MAP7D1	K16806
ENSG00000197226	0.19228	6.876935	0.770614	1 TBC1D9B	-
ENSG00000100629	-0.208856	3.436831	0.770634	1 CEP128	K16460
ENSG00000149657	-0.195947	5.128324	0.770635	1 LSM14B	K18749
ENSG00000164983	-0.193267	5.869245	0.770645	1 TMEM65	K04257
ENSG00000198938	-0.190543	12.20716	0.770682	1 MT-CO3	K02262
ENSG00000165322	-0.194667	5.606001	0.770741	1 ARHGAP12	-
ENSG00000154556	0.192278	6.285605	0.770771	1 SORBS2	-
ENSG00000090889	-0.192823	6.498345	0.770829	1 KIF4A	K10395
ENSG00000124181	0.192958	5.716314	0.770916	1 PLCG1	K01116
ENSG00000110429	0.195689	5.256053	0.770929	1 FBXO3	K10290
ENSG00000171492	-0.192469	6.644344	0.770965	1 LRRC8D	-
ENSG00000157881	0.198939	4.895128	0.771055	1 PANK4	K09680
ENSG00000228929	0.209741	3.146792	0.771114	1 RP11-159C21.4	K02953
ENSG00000100403	-0.194267	6.336429	0.771162	1 ZC3H7B	K18047
ENSG00000114650	0.193102	6.212909	0.771163	1 SCAP	-
ENSG00000070814	-0.190946	7.775791	0.771336	1 TCOF1	K14562
ENSG00000198467	0.190286	9.07167	0.771367	1 TPM2	K10374
ENSG00000186187	-0.200604	4.373768	0.771371	1 ZNRF1	K10694
ENSG00000136048	-0.191239	7.336535	0.771414	1 DRAM1	-

ENSG00000134108	0.191932	6.096491	0.771416	1 ARL8B	K07955
ENSG00000126705	0.197381	4.961439	0.771548	1 AHDC1	-
ENSG00000188064	0.193972	5.73786	0.771598	1 WNT7B	K00572
ENSG00000177189	-0.191794	6.712781	0.771631	1 RPS6KA3	K04373
ENSG00000197024	-0.194537	4.62349	0.771648	1 ZNF398	K09228
ENSG00000137944	-0.193031	5.512148	0.771759	1 CCBL2	K00816
ENSG00000115993	0.195142	5.104822	0.771787	1 TRAK2	K15374
ENSG00000186812	-0.219113	2.807509	0.771823	1 ZNF397	K09230
ENSG00000112531	-0.192887	5.926561	0.772141	1 QKI	K14945
ENSG00000100201	0.189646	8.674705	0.772254	1 DDX17	K13178
ENSG00000197386	0.193491	5.614272	0.772301	1 HTT	K04533
ENSG00000099899	-0.193362	5.710949	0.77241	1 TRMT2A	K15332
ENSG00000158604	0.190446	7.066349	0.772504	1 TMED4	-
ENSG00000109814	0.192511	5.796686	0.772507	1 UGDH	K00012
ENSG00000179922	0.21405	2.494278	0.772519	1 ZNF784	-
ENSG00000154370	0.192733	5.881033	0.772593	1 TRIM11	K10650
ENSG00000126214	0.19429	4.7379	0.772819	1 KLC1	K10407
ENSG00000117305	0.200041	4.178262	0.772851	1 HMGCL	K01640
ENSG00000051620	-0.194965	4.706397	0.772932	1 HEBP2	-
ENSG00000188060	-0.196165	4.911052	0.772955	1 RAB42	K07929
ENSG00000135476	0.190851	6.299042	0.772957	1 ESPL1	K02365
ENSG00000114520	-0.193609	5.819678	0.77313	1 SNX4	K17919
ENSG00000160072	-0.193539	5.344332	0.773146	1 ATAD3B	K17681
ENSG00000012232	0.193554	5.579813	0.773204	1 EXTL3	-
ENSG00000072736	0.200944	4.334344	0.773343	1 NFATC3	K17333
ENSG00000147164	0.19277	5.852449	0.773348	1 SNX12	K17918
ENSG00000108100	0.190557	6.009226	0.773419	1 CCNY	-
ENSG00000197747	0.188785	8.322541	0.773421	1 S100A10	K17274
ENSG00000087299	-0.208046	3.619107	0.773461	1 L2HGDH	K00109
ENSG00000136451	-0.19079	6.068475	0.7735	1 VEZF1	-
ENSG00000144182	-0.254244	2.133891	0.773533	1 LIPT1	K10105
ENSG00000231025	-0.254244	2.133891	0.773533	1 RP11-175O19.4	-
ENSG00000260868	-0.254244	2.133891	0.773533	1 RP11-394I13.1	-
ENSG00000140398	0.247728	2.112445	0.773533	1 NEIL1	K10567
ENSG00000189223	0.247728	2.112445	0.773533	1 PAX8-AS1	-
ENSG00000170915	0.225418	2.123499	0.773533	1 PAQR8	-
ENSG00000187775	0.225418	2.123499	0.773533	1 DNAH17	K10408
ENSG00000182318	0.211078	3.049455	0.773552	1 ZSCAN22	K09230
ENSG00000226950	0.197312	4.514147	0.773592	1 DANCR	-
ENSG00000046651	-0.192624	5.662461	0.773696	1 OFD1	K16480
ENSG00000103540	-0.191785	4.883096	0.773698	1 CCP110	K16453
ENSG00000134308	0.188315	8.924134	0.773719	1 YWHAQ	K16197
ENSG00000108106	0.18844	8.516127	0.773731	1 UBE2S	K10583
ENSG00000108960	-0.195094	5.037847	0.773734	1 MMD	-
ENSG00000134057	-0.188492	8.424412	0.773776	1 CCNB1	K05868
ENSG00000236698	-0.194997	5.149464	0.773864	1 EIF1AXP1	K03236
ENSG00000080345	-0.19027	6.465013	0.773866	1 RIF1	K11138
ENSG00000131368	-0.191032	6.099479	0.773951	1 MRPS25	K17404
ENSG00000124275	-0.189041	7.340066	0.773975	1 MTRR	K00597
ENSG00000122642	-0.190093	6.503192	0.773995	1 FKBP9	K09575
ENSG00000118412	0.192835	4.781647	0.774081	1 CASP8AP2	-
ENSG00000137486	0.199711	4.383545	0.774084	1 ARRB1	K04439
ENSG00000120159	-0.193121	5.306078	0.774264	1 CAAP1	-
ENSG00000177084	0.189041	6.935472	0.774309	1 POLE	K02324
ENSG00000151725	-0.191164	6.074338	0.774342	1 CENPU	K11513
ENSG00000176399	0.210617	3.371098	0.7744	1 DMRTA1	K19491
ENSG00000198930	-0.192662	5.376331	0.774435	1 CSAG1	-
ENSG00000107959	-0.190674	5.828191	0.774464	1 PITRM1	K06972

ENSG00000175426	-0.20019	4.031872	0.774538	1 PCSK1	K01359
ENSG00000107521	-0.199384	4.479691	0.774587	1 HPS1	-
ENSG00000113716	0.189156	6.261196	0.774601	1 HMGXB3	-
ENSG00000141570	-0.192133	4.823988	0.774611	1 CBX8	K11455
ENSG00000123388	-0.200261	3.705531	0.77464	1 HOXC11	K09296
ENSG00000065613	-0.18865	7.155998	0.774647	1 SLK	K08836
ENSG00000169972	0.195526	4.786416	0.77476	1 PUSL1	-
ENSG00000112984	0.188625	6.960005	0.774762	1 KIF20A	K10402
ENSG00000100150	0.204242	3.274794	0.774791	1 DEPDC5	-
ENSG00000140104	0.204242	3.274794	0.774791	1 C14orf79	-
ENSG00000158882	-0.204372	3.974525	0.774793	1 TOMM40L	K11518
ENSG00000114120	-0.188415	7.169151	0.774905	1 SLC25A36	K15116
ENSG00000180008	0.190542	5.942988	0.774922	1 SOCS4	K04697
ENSG00000135063	0.278912	1.607319	0.775122	1 FAM189A2	-
ENSG00000186564	0.278912	1.607319	0.775122	1 FOXD2	K09397
ENSG00000225439	0.278912	1.607319	0.775122	1 BOLA3-AS1	-
ENSG00000196357	0.246612	1.623381	0.775122	1 ZNF565	K09228
ENSG00000165502	0.188052	7.044891	0.775324	1 RPL36AL	K02929
ENSG00000182173	-0.189616	5.472235	0.775344	1 TSEN54	K15326
ENSG00000167460	-0.186725	9.102814	0.775562	1 TPM4	K10375
ENSG00000075975	0.190824	5.2364	0.77557	1 MKRN2	K15687
ENSG00000105204	0.226907	2.516985	0.775704	1 DYRK1B	K08825
ENSG00000138002	-0.20635	3.075158	0.775744	1 IFT172	K19676
ENSG00000173221	0.189875	5.28899	0.775806	1 GLRX	K03676
ENSG00000117410	0.187296	7.332096	0.775886	1 ATP6V0B	K03661
ENSG00000107164	-0.188633	6.404752	0.775896	1 FUBP3	K13210
ENSG00000100852	0.188409	6.384529	0.775938	1 ARHGAP5	K13709
ENSG00000173085	-0.19032	5.162973	0.775967	1 COQ2	K06125
ENSG00000122140	-0.187992	6.767713	0.77597	1 MRPS2	K02967
ENSG00000145782	0.187598	6.319513	0.776044	1 ATG12	K08336
ENSG00000143033	-0.187612	6.309078	0.776108	1 MTF2	K11485
ENSG00000104643	-0.217688	3.387578	0.77617	1 MTMR9	K18084
ENSG00000139433	-0.193223	4.653393	0.776171	1 GLTP	K12581
ENSG00000140943	-0.187864	6.726929	0.776187	1 MBTPS1	K08653
ENSG00000103222	0.187672	5.87206	0.776254	1 ABCC1	K05665
ENSG00000179335	0.188051	6.427998	0.776272	1 CLK3	K08823
ENSG00000133687	0.190833	5.498647	0.776484	1 TMTC1	-
ENSG00000170734	0.196765	4.44732	0.776485	1 POLH	K03509
ENSG00000198039	-0.226943	2.363576	0.776539	1 ZNF273	K09228
ENSG00000166167	0.190257	5.052887	0.776567	1 BTRC	K03362
ENSG00000087884	0.195637	4.260744	0.77662	1 AAMDC	K09228
ENSG00000169398	0.186407	7.641105	0.776644	1 PTK2	K05725
ENSG00000040487	-0.200452	3.858408	0.776648	1 PQLC2	-
ENSG00000023330	0.187595	6.509269	0.776655	1 ALAS1	K00643
ENSG00000175467	0.187342	6.211118	0.776659	1 SART1	K11984
ENSG00000075711	0.188653	5.891417	0.776796	1 DLG1	K12076
ENSG00000150093	0.185458	9.979429	0.776812	1 ITGB1	K05719
ENSG00000169174	-0.186176	7.808435	0.776882	1 PCSK9	K13050
ENSG00000107362	0.189411	5.702047	0.776892	1 ABHD17B	K12581
ENSG00000134313	-0.195226	4.215245	0.776909	1 KIDINS220	K12460
ENSG00000120688	-0.189889	5.086365	0.776957	1 WBP4	K13220
ENSG00000128185	-0.191807	5.169078	0.777004	1 DGCR6L	K06262
ENSG00000137478	-0.205212	3.793572	0.777032	1 FCHSD2	-
ENSG00000147813	-0.186037	7.595901	0.777226	1 NAPRT1	K00763
ENSG00000100196	0.188242	5.647048	0.777228	1 KDELR3	K10949
ENSG00000100139	-0.187334	5.629208	0.777345	1 MICALL1	-
ENSG00000101115	-0.200613	3.484469	0.777371	1 SALL4	-
ENSG00000164048	-0.200613	3.484469	0.777371	1 ZNF589	K09228

ENSG00000173451	-0.200613	3.484469	0.777371	1 THAP2	-
ENSG00000175826	-0.186477	7.000095	0.777389	1 CTDNEP1	K17617
ENSG00000111445	-0.187895	5.796222	0.777394	1 RFC5	K10756
ENSG00000186106	-0.192925	4.69797	0.777407	1 ANKRD46	-
ENSG00000104442	-0.186539	6.32993	0.777441	1 ARMC1	K17306
ENSG00000167302	0.200684	3.716556	0.777453	1 ENTHD2	-
ENSG00000260267	-0.245952	2.173042	0.777582	1 RP11-452L6.5	-
ENSG00000108785	0.241839	2.15264	0.777582	1 HSD17B1P1	K00044
ENSG00000227540	0.241839	2.15264	0.777582	1 RP11-152N13.5	-
ENSG00000249279	0.358578	0.823559	0.77773	1 CTC-436P18.3	-
ENSG00000260442	0.358578	0.823559	0.77773	1 RP11-22P6.3	-
ENSG00000263320	0.358578	0.823559	0.77773	1 RP11-498D10.6	-
ENSG00000178199	0.300086	0.852261	0.77773	1 ZC3H12D	K18668
ENSG00000214192	0.300086	0.852261	0.77773	1 UBE2V1P2	K10704
ENSG00000255517	0.300086	0.852261	0.77773	1 CTD-3074O7.5	-
ENSG00000224858	-0.281314	0.870644	0.77773	1 RPL29P11	K02905
ENSG00000267801	-0.281314	0.870644	0.77773	1 RP11-552F3.9	-
ENSG00000185340	-0.189871	5.899661	0.777733	1 GAS2L1	-
ENSG00000143013	-0.185763	7.398124	0.777741	1 LMO4	-
ENSG00000257698	-0.226353	2.697061	0.777827	1 RP11-620J15.3	-
ENSG00000188021	-0.186949	5.781959	0.77784	1 UBQLN2	K04523
ENSG00000143702	-0.190679	5.727586	0.777842	1 CEP170	K16463
ENSG00000101003	-0.192014	4.843961	0.777874	1 GINS1	K10732
ENSG00000157212	-0.192646	4.741211	0.777879	1 PAXIP1	K14972
ENSG00000184307	-0.195505	4.503047	0.777889	1 ZDHHC23	K18932
ENSG00000204272	-0.190248	5.468281	0.777799	1 RP11-622K12.1	-
ENSG00000178951	0.188051	5.327759	0.778009	1 ZBTB7A	K10494
ENSG00000113448	-0.185503	7.352201	0.778094	1 PDE4D	K13293
ENSG00000140905	-0.189014	4.881601	0.778291	1 GCSH	K02437
ENSG00000160014	0.18526	7.281354	0.778317	1 CALM3	K02183
ENSG00000197785	-0.186901	5.802517	0.778394	1 ATAD3A	K17681
ENSG00000127022	0.183922	10.08345	0.778596	1 CANX	K08054
ENSG00000197355	0.192302	4.628601	0.778629	1 UAP1L1	K00972
ENSG00000122674	-0.18854	5.010903	0.778634	1 CCZ1	-
ENSG00000148908	0.189594	5.491835	0.778672	1 RGS10	K16449
ENSG00000162542	-0.199566	3.9349	0.778709	1 TMCO4	-
ENSG00000101557	-0.185102	7.090006	0.778875	1 USP14	K11843
ENSG00000204178	-0.193682	4.224639	0.778884	1 TMEM57	-
ENSG00000162148	-0.397642	0.252986	0.779001	1 PPP1R32	K17571
ENSG00000163113	-0.397642	0.252986	0.779001	1 OTUD7B	K11860
ENSG00000176809	-0.397642	0.252986	0.779001	1 LRRC37A3	-
ENSG00000177842	-0.397642	0.252986	0.779001	1 ZNF620	K09228
ENSG00000235034	-0.397642	0.252986	0.779001	1 C19orf81	-
ENSG00000256028	-0.397642	0.252986	0.779001	1 RP11-197N18.2	-
ENSG00000124140	0.397277	0.146629	0.779001	1 SLC12A5	K14427
ENSG00000150540	0.397277	0.146629	0.779001	1 HNMT	K00546
ENSG00000196873	0.397277	0.146629	0.779001	1 CBWD3	K17985
ENSG00000212789	0.397277	0.146629	0.779001	1 ST13P5	K09560
ENSG00000217275	0.397277	0.146629	0.779001	1 RP1-34B20.4	K02947
ENSG00000228395	0.397277	0.146629	0.779001	1 RP11-216B9.6	-
ENSG00000231305	0.397277	0.146629	0.779001	1 RP11-723O4.2	-
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ENSG00000101162	-0.320343	0.208735	0.779001	1 TUBB1	K07375
ENSG00000232818	-0.320343	0.208735	0.779001	1 RPS2P32	K02981
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ENSG00000258920	-0.320343	0.208735	0.779001	1 FOXN3-AS1	-
ENSG00000267216	-0.320343	0.208735	0.779001	1 AC010642.1	K09228
ENSG00000269940	-0.320343	0.208735	0.779001	1 RP11-73M18.7	-
ENSG00000139998	0.298884	0.19372	0.779001	1 RAB15	K07908
ENSG00000156265	0.298884	0.19372	0.779001	1 MAP3K7CL	-
ENSG00000185900	0.298884	0.19372	0.779001	1 POMK	K17547
ENSG00000214432	0.298884	0.19372	0.779001	1 AC068831.10	-
ENSG00000226824	0.298884	0.19372	0.779001	1 RP4-756H11.3	-
ENSG00000228705	0.298884	0.19372	0.779001	1 LINC00659	-
ENSG00000231007	0.298884	0.19372	0.779001	1 CDC20P1	K03363
ENSG00000231789	0.298884	0.19372	0.779001	1 RP11-558F24.4	-
ENSG00000244161	0.298884	0.19372	0.779001	1 FLNB-AS1	-
ENSG00000250506	0.298884	0.19372	0.779001	1 CDK3	K02088
ENSG00000260461	0.298884	0.19372	0.779001	1 RP11-541N10.3	-
ENSG00000270820	0.298884	0.19372	0.779001	1 RP11-355B11.2	-
ENSG00000164961	-0.18634	6.063251	0.779037	1 KIAA0196	K18464
ENSG00000108518	-0.183584	9.681656	0.779087	1 PFN1	K05759
ENSG00000164109	-0.185052	6.941772	0.779136	1 MAD2L1	K02537
ENSG00000171295	0.202876	3.205182	0.779213	1 ZNF440	K09228
ENSG00000144791	0.189777	5.154971	0.779245	1 LIMD1	K16682
ENSG00000122779	-0.186366	5.825881	0.779257	1 TRIM24	K08881
ENSG00000168615	0.184118	7.706017	0.77927	1 ADAM9	K06834
ENSG00000126709	-0.18887	4.919742	0.779297	1 IFI6	-
ENSG00000136436	-0.185903	6.305763	0.779314	1 CALCOCO2	-
ENSG00000120742	-0.183839	7.962197	0.779502	1 SERP1	-
ENSG00000163444	-0.185556	6.307978	0.779548	1 TMEM183A	-
ENSG00000179611	0.206617	3.404701	0.779629	1 DGKZP1	K00901
ENSG00000174839	-0.200737	4.122731	0.779664	1 DENND6A	-
ENSG00000103253	-0.18658	5.721789	0.779718	1 HAGHL	K01069
ENSG00000134001	-0.183759	7.778027	0.779735	1 EIF2S1	K03237
ENSG00000196504	-0.183956	7.512938	0.779739	1 PRPF40A	K12821
ENSG00000082258	-0.190056	4.85611	0.779788	1 CCNT2	K15188
ENSG00000181555	0.188272	5.663596	0.779794	1 SETD2	K11423
ENSG00000143162	-0.184884	6.619185	0.779853	1 CREG1	-
ENSG00000158985	0.185133	6.022106	0.779928	1 CDC42SE2	-
ENSG00000005100	-0.184889	5.864752	0.779963	1 DHX33	K17820
ENSG00000255284	0.231051	2.363498	0.779995	1 AP006621.5	-
ENSG00000179163	0.206081	3.091346	0.780003	1 FUCA1	K01206
ENSG00000075399	0.19504	3.096741	0.780003	1 VPS9D1	-
ENSG00000156504	0.184459	6.665302	0.780052	1 FAM122B	-
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ENSG00000130429	-0.183511	7.674803	0.780112	1 ARPC1B	K05757
ENSG00000102893	-0.187028	5.525528	0.780131	1 PHKB	K17985
ENSG00000196141	-0.189223	5.244989	0.780141	1 SPATS2L	-
ENSG00000130159	0.185123	5.607982	0.780254	1 ECSIT	K04405
ENSG00000131446	-0.18469	6.512839	0.780276	1 MGAT1	K00726
ENSG00000162616	-0.184234	6.801903	0.780303	1 DNAJB4	K09510
ENSG00000123595	0.183568	7.25285	0.780327	1 RAB9A	K07899
ENSG00000148606	-0.188594	5.219341	0.780347	1 POLR3A	K03018
ENSG00000184545	0.195837	3.874549	0.780399	1 DUSP8	K04459
ENSG00000182612	-0.208724	2.716693	0.780565	1 TSPAN10	K17351
ENSG00000142409	0.187312	5.568756	0.78058	1 ZNF787	K09228
ENSG00000144306	0.195665	3.50104	0.780595	1 SCRN3	K14358
ENSG00000173039	0.183617	6.114956	0.7806	1 RELA	K04735
ENSG00000153531	-0.282103	1.679802	0.780694	1 ADPRHL1	-
ENSG00000172671	-0.255712	1.664619	0.780694	1 ZFAND4	K12163
ENSG00000148824	-0.194378	4.130198	0.780706	1 MTG1	-
ENSG00000112029	-0.185738	5.593354	0.780795	1 FBXO5	K10292

ENSG00000104889	-0.183323	7.201686	0.780816	1 RNASEH2A	K10743
ENSG00000196586	-0.18566	5.222861	0.780838	1 MYO6	K10358
ENSG00000136848	0.186272	5.485971	0.780883	1 DAB2IP	K17631
ENSG00000166130	-0.183162	7.292811	0.780898	1 IKBIP	K17985
ENSG00000130675	0.21916	2.984236	0.780915	1 MNX1	K08025
ENSG00000130772	0.207204	2.990069	0.780915	1 MED18	K15135
ENSG00000170265	0.187616	5.529384	0.780925	1 ZNF282	K09228
ENSG00000168994	-0.18474	6.030782	0.781053	1 PXDC1	-
ENSG00000148337	-0.183777	6.620526	0.781142	1 CIZ1	-
ENSG00000143198	0.182662	7.424655	0.781215	1 MGST3	K00799
ENSG00000241127	-0.191808	4.293288	0.781342	1 YAE1D1	-
ENSG00000204138	-0.188941	4.900798	0.78138	1 PHACTR4	K17585
ENSG00000101347	-0.205858	3.751894	0.781543	1 SAMHD1	K17985
ENSG00000175573	-0.190285	4.999993	0.781725	1 C11orf68	-
ENSG00000142694	0.195015	4.134002	0.781739	1 EVA1B	-
ENSG00000228305	-0.192746	4.140159	0.781739	1 AC016734.2	-
ENSG00000156709	-0.182453	7.271702	0.781751	1 AIFM1	K04727
ENSG00000154265	-0.185731	5.176358	0.781794	1 ABCA5	K05648
ENSG00000179588	0.20369	3.111841	0.782074	1 ZFPM1	K17441
ENSG00000257727	-0.18395	5.880459	0.782151	1 CNPY2	K01647
ENSG00000103248	-0.202606	3.519328	0.782172	1 MTHFSD	-
ENSG00000213390	-0.195417	3.51538	0.782172	1 ARHGAP19	-
ENSG00000167110	0.182621	6.631163	0.782255	1 GOLGA2	-
ENSG00000104728	0.185165	5.175771	0.782296	1 ARHGEF10	K16727
ENSG00000162066	0.18686	5.229402	0.782297	1 AMDHD2	K01443
ENSG00000188313	-0.184445	5.828199	0.782305	1 PLSCR1	-
ENSG00000136205	-0.184363	5.962154	0.782306	1 TNS3	K18080
ENSG00000124783	-0.181108	8.664421	0.782309	1 SSR1	K13249
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ENSG00000068724	0.183018	5.946538	0.782453	1 TTC7A	-
ENSG00000136891	-0.183988	5.759489	0.78264	1 TEX10	K14827
ENSG00000115274	0.191597	4.531365	0.782666	1 INO80B	K11666
ENSG00000021355	0.181677	7.101255	0.782708	1 SERPINB1	K13963
ENSG00000171914	-0.19347	4.254794	0.782734	1 TLN2	-
ENSG00000058272	-0.182591	6.488652	0.782775	1 PPP1R12A	K06270
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ENSG00000168090	-0.181398	7.385622	0.782862	1 COPS6	K12179
ENSG00000185122	0.195925	3.425462	0.782984	1 HSF1	K09414
ENSG00000114107	-0.186311	5.263357	0.783008	1 CEP70	-
ENSG00000116062	0.180729	8.020212	0.783023	1 MSH6	K08737
ENSG00000068137	0.182626	6.174505	0.783064	1 PLEKHH3	-
ENSG00000156261	-0.180204	9.55709	0.78308	1 CCT8	K09500
ENSG00000111142	-0.180768	7.949861	0.783109	1 METAP2	K01265
ENSG00000141447	0.181384	6.059433	0.783125	1 OSBPL1A	K04613
ENSG00000169902	-0.217756	3.011604	0.783139	1 TPST1	K01021
ENSG00000256069	-0.298631	1.341373	0.783156	1 A2MP1	-
ENSG00000203879	0.260153	1.324302	0.783156	1 GDI1	K17255
ENSG00000225695	0.260153	1.324302	0.783156	1 HNRNPA1P35	K12741
ENSG00000267288	0.260153	1.324302	0.783156	1 RP13-890H12.2	-
ENSG00000167770	-0.184794	5.968465	0.783179	1 OTUB1	K09602
ENSG00000162772	0.184169	5.935107	0.783198	1 ATF3	K09032
ENSG00000182220	0.180984	7.383969	0.783219	1 ATP6AP2	K19514
ENSG00000103227	0.226499	2.397327	0.783346	1 LMF1	-
ENSG00000198246	0.226499	2.397327	0.783346	1 SLC29A3	K15014
ENSG00000102554	0.180846	7.380021	0.783385	1 KLF5	K09206
ENSG00000102984	0.224682	1.964351	0.783418	1 ZNF821	K02981
ENSG00000236017	-0.219267	1.973729	0.783418	1 ASMTL-AS1	-
ENSG00000185608	-0.186892	5.317106	0.783439	1 MRPL40	K17421

ENSG00000184903	0.188115	3.832142	0.78348	1	IMMP2L	K09648
ENSG00000115241	0.180274	8.146867	0.783481	1	PPM1G	K17499
ENSG00000185187	0.185751	4.878855	0.783519	1	SIGIRR	K05169
ENSG00000243317	-0.183482	5.63098	0.783588	1	C7orf73	K14444
ENSG00000166734	-0.18126	6.919518	0.783602	1	CASC4	K02927
ENSG00000179295	-0.180582	7.461426	0.78374	1	PTPN11	-
ENSG00000181817	-0.185021	5.133307	0.783848	1	LSM10	-
ENSG00000158417	-0.179867	8.480007	0.783851	1	EIF5B	K03243
ENSG00000132471	0.181219	6.645259	0.783872	1	WBP2	-
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ENSG00000151332	-0.188276	4.499132	0.783874	1	MBIP	-
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ENSG00000145214	-0.19256	3.905871	0.784027	1	DGKQ	K00901
ENSG00000177951	0.181862	5.692736	0.784061	1	BET1L	K08504
ENSG00000156671	0.182555	6.020749	0.784129	1	SAMD8	K12581
ENSG00000183691	-0.189427	3.771064	0.784189	1	NOG	K04658
ENSG00000160741	0.181885	5.957879	0.784209	1	CRTC2	K16333
ENSG00000151465	-0.180181	7.420832	0.784251	1	CDC123	-
ENSG00000154864	0.180011	7.430761	0.784316	1	PIEZO2	-
ENSG00000160993	0.196697	3.972837	0.784525	1	ALKBH4	K10766
ENSG00000130748	-0.182517	5.810353	0.784578	1	TMEM160	-
ENSG00000090432	0.19079	4.502616	0.784665	1	MUL1	K15688
ENSG00000213694	0.219065	2.57724	0.784749	1	S1PR3	K04290
ENSG00000090612	0.203153	2.585091	0.784749	1	ZNF268	K09228
ENSG00000204514	0.203153	2.585091	0.784749	1	ZNF814	K09228
ENSG00000106367	-0.180166	6.931419	0.784866	1	AP1S1	K12394
ENSG00000164587	0.178548	9.912461	0.78493	1	RPS14	K02955
ENSG00000198856	-0.180376	6.704865	0.784972	1	OSTC	K14572
ENSG00000042286	0.186647	4.747768	0.784978	1	AIFM2	K11504
ENSG00000156411	-0.181787	5.996881	0.785017	1	C14orf2	K18193
ENSG00000168802	-0.181095	5.829746	0.785026	1	CHTF8	K11270
ENSG00000077458	-0.186275	4.860628	0.7851	1	FAM76B	-
ENSG00000185219	0.191988	3.910057	0.785211	1	ZNF445	K09229
ENSG00000109689	-0.190668	3.917498	0.785211	1	STIM2	K18196
ENSG00000262468	0.215263	2.202164	0.785265	1	RP11-95P2.1	-
ENSG00000073417	0.183389	5.776798	0.785291	1	PDE8A	K18437
ENSG00000159335	-0.179016	7.764211	0.785304	1	PTMS	-
ENSG00000172301	-0.18578	5.144501	0.785379	1	COPRS	-
ENSG00000253738	-0.187038	4.931272	0.785564	1	GS1-251I9.4	-
ENSG00000125967	0.181104	5.517933	0.785672	1	NECAB3	-
ENSG00000121058	-0.182867	5.477161	0.785776	1	COIL	K13150
ENSG00000127870	-0.18103	5.476177	0.785776	1	RNF6	-
ENSG00000007168	0.17883	7.351537	0.785776	1	PAFAH1B1	K16794
ENSG00000048707	0.186038	4.961472	0.785779	1	VPS13D	K19527
ENSG00000071794	0.178708	7.454472	0.785821	1	HLTF	K15711
ENSG00000227671	-0.192293	3.625984	0.785824	1	MIR3916	K09228
ENSG00000204923	-0.244122	1.718494	0.785998	1	FBXO48	K17985
ENSG00000238103	-0.244122	1.718494	0.785998	1	RPL9P7	K02940
ENSG00000099365	0.238385	1.679497	0.785998	1	STX1B	K08486
ENSG00000115239	0.208119	1.694709	0.785998	1	GPR75-ASB3	K10325
ENSG00000116711	-0.182414	4.721369	0.786065	1	PLA2G4A	K16342
ENSG00000119414	-0.179924	6.386563	0.786099	1	PPP6C	K15498
ENSG00000139637	-0.181484	5.765143	0.786154	1	C12orf10	-
ENSG00000132275	-0.183469	5.206337	0.786237	1	RRP8	K14850
ENSG00000137200	-0.183469	5.206337	0.786237	1	CMTR1	K14589
ENSG00000115902	-0.188131	4.868157	0.786327	1	SLC1A4	K05615
ENSG00000064999	0.185462	4.967097	0.78635	1	ANKS1A	-

ENSG00000150990	0.180991	5.310173	0.786417	1 DHX37	K14780
ENSG00000154813	-0.185754	4.563547	0.786495	1 DPH3	K15455
ENSG00000115884	-0.180896	5.975453	0.786506	1 SDC1	K06257
ENSG00000185163	-0.184509	4.686064	0.78651	1 DDX51	K14807
ENSG00000047621	-0.183453	4.798986	0.786523	1 C12orf4	-
ENSG00000169371	-0.182546	4.903708	0.786534	1 SNUPN	K13151
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ENSG00000113758	0.178213	7.181141	0.786677	1 DBN1	-
ENSG00000127990	-0.180962	5.437264	0.786712	1 SGCE	-
ENSG00000124098	0.186612	4.166213	0.786761	1 FAM210B	-
ENSG00000149016	0.186612	4.166213	0.786761	1 TUT1	K18709
ENSG00000196683	-0.178173	7.254607	0.786786	1 TOMM7	K17771
ENSG00000104064	-0.184125	5.389977	0.786855	1 GABPB1	K09454
ENSG00000112146	-0.182788	5.314903	0.786865	1 FBXO9	K10295
ENSG00000072803	0.178871	6.438129	0.786976	1 FBXW11	K03362
ENSG00000083720	-0.177323	8.176707	0.787002	1 OXCT1	K01027
ENSG00000110697	0.179168	6.159837	0.787024	1 PITPNM1	-
ENSG00000160208	-0.178433	6.814049	0.787071	1 RRP1B	K14849
ENSG00000105640	0.176712	9.385186	0.787194	1 RPL18A	K02882
ENSG00000171298	0.18178	5.209381	0.7872	1 GAA	K12316
ENSG00000076924	0.178744	6.397054	0.787201	1 XAB2	K12867
ENSG00000103495	0.179771	6.102226	0.787212	1 MAZ	-
ENSG00000167716	0.184013	5.03561	0.787268	1 WDR81	K17601
ENSG00000161021	0.181537	5.391889	0.787279	1 MAML1	K06061
ENSG00000120053	-0.178161	6.348894	0.787345	1 GOT1	K14454
ENSG00000151353	0.188858	4.281258	0.787363	1 TMEM18	-
ENSG00000243364	0.188858	4.281258	0.787363	1 EFNA4	K05462
ENSG00000140990	-0.177755	7.146182	0.787405	1 NDUFB10	K03966
ENSG00000121060	-0.178361	6.650078	0.787425	1 TRIM25	-
ENSG00000178913	-0.177597	7.199925	0.787525	1 TAF7	K03132
ENSG00000171861	-0.182224	5.442312	0.787532	1 RNMTL1	-
ENSG00000107902	-0.194196	3.931969	0.787539	1 LHPP	K11725
ENSG00000164438	-0.194196	3.931969	0.787539	1 TLX3	K15607
ENSG00000131023	-0.18067	4.877107	0.78754	1 LATS1	K08791
ENSG00000118242	0.215384	2.606444	0.787606	1 MREG	-
ENSG00000111247	-0.179629	6.273291	0.787613	1 RAD51AP1	-
ENSG00000135974	0.182327	5.130133	0.787739	1 C2orf49	K15432
ENSG00000061938	0.179741	5.829458	0.787745	1 TNK2	K08886
ENSG00000132017	0.180121	5.318996	0.787756	1 DCAF15	K11791
ENSG00000138279	-0.177384	7.193354	0.787783	1 ANXA7	K17095
ENSG00000245060	-0.203299	3.468762	0.787831	1 LINC00847	-
ENSG00000100938	0.178553	6.178742	0.787841	1 GMPR2	K00364
ENSG00000132591	-0.178183	6.523855	0.787862	1 ERAL1	-
ENSG00000050327	0.188417	3.997865	0.787871	1 ARHGEF5	-
ENSG00000141295	-0.18169	4.946969	0.787884	1 SCRIN2	K14358
ENSG00000241837	-0.1768	7.770859	0.7879	1 ATP5O	K02137
ENSG00000179409	-0.178173	6.439025	0.78804	1 GEMIN4	K13132
ENSG00000147121	-0.191284	3.799698	0.78804	1 KRBOX4	K09228
ENSG00000156011	-0.191284	3.799698	0.78804	1 PSD3	K12494
ENSG00000119523	-0.178943	5.903344	0.788091	1 ALG2	K03843
ENSG00000182534	0.178213	6.078387	0.788102	1 MXRA7	-
ENSG00000139405	-0.179247	5.85192	0.788143	1 RITA1	-
ENSG00000028528	0.177643	6.512124	0.788281	1 SNX1	K17917
ENSG00000117266	0.182175	4.914231	0.788303	1 CDK18	K15596
ENSG00000134255	-0.179468	5.350779	0.788317	1 CEPT1	K13644
ENSG00000160803	-0.17797	6.385521	0.788387	1 UBQLN4	K04523
ENSG00000254535	0.196117	2.770194	0.788394	1 PABPC4L	K13126
ENSG00000130227	0.176888	6.292859	0.788588	1 XPO7	K18460

ENSG00000181026	-0.178047	6.021382	0.78862	1 AEN	K18340
ENSG00000173276	-0.182291	5.518854	0.788656	1 ZBTB21	-
ENSG00000205643	0.18343	3.936192	0.788685	1 CDPF1	-
ENSG00000198815	0.177992	6.05349	0.788756	1 FOXJ3	K09403
ENSG00000260077	-0.230704	2.248325	0.788912	1 RP11-254F7.2	-
ENSG00000103175	-0.213038	2.238356	0.788912	1 WFDC1	-
ENSG00000129493	0.178839	5.83869	0.788987	1 HEATR5A	-
ENSG00000015133	-0.197897	2.927122	0.789028	1 CCDC88C	-
ENSG00000100711	-0.181287	4.662016	0.78908	1 ZFYVE21	-
ENSG00000135912	-0.181287	4.662016	0.78908	1 TTLL4	K16601
ENSG00000247077	-0.177005	5.876746	0.789132	1 PGAM5	K15637
ENSG00000205730	-0.17648	6.951046	0.789158	1 ITPRIPL2	K17985
ENSG00000143079	-0.180884	4.988971	0.789159	1 CTTNBP2NL	K12795
ENSG00000164818	0.17646	6.297329	0.789264	1 HEATR2	K19759
ENSG00000114770	-0.178904	5.38264	0.789279	1 ABCC5	K05668
ENSG00000198952	0.176284	6.790692	0.789432	1 SMG5	K11125
ENSG00000152223	0.185434	4.129086	0.789451	1 EPG5	K17985
ENSG00000173218	-0.178144	5.808014	0.789466	1 VANGL1	K04510
ENSG00000235363	-0.210037	3.054281	0.789549	1 SNRPGP10	K11099
ENSG00000164053	-0.190862	3.879291	0.78957	1 ATRIP	K10905
ENSG00000100316	0.174439	11.20149	0.78962	1 RPL3	K02925
ENSG00000147100	0.287666	1.373975	0.789628	1 SLC16A2	K08231
ENSG00000231841	0.287666	1.373975	0.789628	1 RP11-206F17.2	-
ENSG00000235374	0.287666	1.373975	0.789628	1 SSR4P1	K04571
ENSG00000261353	0.287666	1.373975	0.789628	1 CTA-14H9.5	-
ENSG00000109680	-0.281892	1.408368	0.789628	1 TBC1D19	-
ENSG00000130066	0.175338	7.550298	0.789693	1 SAT1	K00657
ENSG00000138463	0.184931	4.665424	0.789771	1 DIRC2	K15381
ENSG00000133027	-0.180948	5.024411	0.789827	1 PEMT	K00551
ENSG00000108587	-0.178079	5.654663	0.789894	1 GOSR1	K08495
ENSG00000119421	-0.177422	6.24988	0.789979	1 NDUFA8	K03952
ENSG00000225210	-0.189442	3.175269	0.789984	1 AL589743.1	-
ENSG00000123146	0.175284	7.20542	0.790087	1 CD97	K08446
ENSG00000235655	0.175791	6.692261	0.790157	1 H3F3AP4	K11253
ENSG00000131747	0.174235	9.180653	0.790159	1 TOP2A	K03164
ENSG00000161011	0.174644	7.953749	0.790209	1 SQSTM1	K14381
ENSG00000198663	0.176061	5.88324	0.790328	1 C6orf89	K12733
ENSG00000170540	0.17467	7.662434	0.790386	1 ARL6IP1	-
ENSG00000110171	0.183697	4.711387	0.79058	1 TRIM3	K11997
ENSG00000198727	0.173621	11.03795	0.790596	1 MT-CYB	K00412
ENSG00000125656	-0.175985	6.440042	0.790599	1 CLPP	K01358
ENSG00000130699	-0.183418	4.19853	0.790617	1 TAF4	K03129
ENSG00000239264	-0.178097	4.932681	0.790618	1 TXNDC5	K13984
ENSG00000101773	-0.176788	6.020709	0.790733	1 RBBP8	-
ENSG00000197903	0.178127	5.937964	0.790775	1 HIST1H2BK	K11252
ENSG00000166326	-0.177908	5.870766	0.790872	1 TRIM44	K12020
ENSG00000174028	-0.207256	2.800896	0.790883	1 FAM3C2	-
ENSG00000266208	-0.207256	2.800896	0.790883	1 CTD-2267D19.3	K07627
ENSG00000002330	-0.184807	4.308796	0.790928	1 BAD	K02158
ENSG00000198171	-0.180203	5.064248	0.790985	1 DDRGK1	-
ENSG00000034713	0.175239	5.922845	0.791015	1 GABARAPL2	K08341
ENSG00000169914	0.180802	4.360367	0.791067	1 OTUD3	K13717
ENSG00000086200	-0.176948	6.055386	0.791087	1 IPO11	-
ENSG00000146872	-0.177309	5.600601	0.79112	1 TLK2	K08864
ENSG00000129932	-0.182379	4.677517	0.791141	1 DOHH	K06072
ENSG00000156931	-0.182379	4.677517	0.791141	1 VPS8	-
ENSG00000145740	-0.175167	6.61207	0.791234	1 SLC30A5	K14692
ENSG00000086475	-0.175419	6.450604	0.791242	1 SEPHS1	K01008

ENSG00000161980	-0.17574	6.132367	0.791282	1 POLR3K	K03019
ENSG00000155506	0.173669	8.026752	0.79131	1 LARP1	K18757
ENSG00000164889	0.173729	7.667836	0.791489	1 SLC4A2	K13855
ENSG00000185722	0.174133	6.009194	0.791503	1 ANKFY1	-
ENSG00000085788	0.177796	5.098465	0.791577	1 DDHD2	K16545
ENSG00000111653	0.177696	4.594569	0.791637	1 ING4	K11346
ENSG00000104979	0.174025	7.127826	0.791652	1 C19orf53	-
ENSG00000198791	-0.175115	6.397534	0.791705	1 CNOT7	K12581
ENSG00000103197	0.176984	5.707926	0.791714	1 TSC2	K07207
ENSG00000161204	0.175469	6.247937	0.791785	1 ABCF3	K06158
ENSG00000065491	0.181384	4.310364	0.791801	1 TBC1D22B	-
ENSG00000129968	0.173775	6.027476	0.791808	1 ABHD17A	-
ENSG00000197601	-0.174331	6.851735	0.791823	1 FAR1	K13356
ENSG00000110422	0.177714	5.785571	0.79188	1 HIPK3	K08826
ENSG00000115468	0.218876	2.008805	0.791892	1 EFHD1	-
ENSG00000198561	-0.174106	6.853252	0.792085	1 CTNND1	K05690
ENSG00000151338	-0.197361	3.300863	0.792102	1 MIPOL1	-
ENSG00000088448	0.173528	7.236596	0.792116	1 ANKRD10	-
ENSG00000165271	0.174101	6.70114	0.792125	1 NOL6	K14544
ENSG00000213977	-0.183405	4.034374	0.792176	1 TAX1BP3	-
ENSG00000164045	-0.178136	5.16173	0.792196	1 CDC25A	K06645
ENSG00000196352	0.17223	11.12913	0.792228	1 CD55	K04006
ENSG00000142178	-0.172521	9.123003	0.792232	1 SIK1	K19008
ENSG00000160446	-0.180172	4.646346	0.792424	1 ZDHHC12	K18932
ENSG00000050438	0.357477	0.297976	0.792443	1 SLC4A8	K13859
ENSG00000129282	0.357477	0.297976	0.792443	1 MRM1	K15507
ENSG00000223802	0.357477	0.297976	0.792443	1 CERS1	K04710
ENSG00000231113	0.357477	0.297976	0.792443	1 RP3-475N16.1	-
ENSG00000231443	0.357477	0.297976	0.792443	1 AC024937.6	K15425
ENSG00000188554	-0.173153	7.477779	0.792444	1 NBR1	K17987
ENSG00000142675	0.180727	3.493526	0.792468	1 CNKSR1	-
ENSG00000090520	-0.173523	7.058516	0.792483	1 DNAJB11	K09517
ENSG00000147162	0.172731	7.876838	0.792511	1 OGT	K09667
ENSG00000122882	-0.177359	5.612293	0.792552	1 ECD	-
ENSG00000198089	-0.179542	4.803686	0.792677	1 SFI1	K17985
ENSG00000130313	-0.174062	6.525773	0.792688	1 PGLS	K01057
ENSG00000143761	0.172135	8.649463	0.792808	1 ARF1	K07937
ENSG00000196456	-0.223738	2.47029	0.792819	1 ZNF775	-
ENSG00000187147	-0.175528	6.020037	0.79285	1 RNF220	-
ENSG00000102580	-0.175931	5.657272	0.792962	1 DNAJC3	K09523
ENSG00000184117	-0.172529	7.534664	0.793123	1 NIPSNAP1	-
ENSG00000213625	-0.173187	6.822999	0.79321	1 LEPROT	K17985
ENSG00000160796	-0.176041	5.57233	0.793211	1 NBEAL2	-
ENSG00000169139	-0.172432	7.502643	0.793267	1 UBE2V2	K10704
ENSG00000140395	-0.173543	6.204857	0.793323	1 WDR61	K12602
ENSG00000130023	-0.204779	2.955843	0.793482	1 ERMARD	-
ENSG00000183808	0.17547	5.595323	0.793594	1 RBM12B	-
ENSG00000166471	-0.173435	5.959359	0.793594	1 TMEM41B	-
ENSG00000142494	-0.193066	3.090377	0.793618	1 SLC47A1	K03327
ENSG00000092871	-0.183296	3.084993	0.793618	1 RFFL	K10871
ENSG00000132323	-0.179753	4.477602	0.793658	1 ILKAP	K17500
ENSG00000066135	-0.174723	5.72263	0.793697	1 KDM4A	K06709
ENSG00000135316	-0.17166	7.963317	0.7938	1 SYNCRIP	K13160
ENSG00000111907	0.172989	6.44669	0.793853	1 TPD52L1	-
ENSG00000149782	-0.174853	5.744047	0.794036	1 PLCB3	K05858
ENSG00000213799	-0.185217	3.91453	0.794203	1 ZNF845	K09228
ENSG00000119013	-0.175825	5.416892	0.794231	1 NDUFB3	K03959
ENSG00000099290	-0.186725	4.04772	0.794264	1 FAM21A	K18462

ENSG00000138785	-0.182169	4.435706	0.794411	1 INTS12	K13149
ENSG00000196712	-0.173914	5.965683	0.794426	1 NF1	K08052
ENSG00000173875	0.177428	4.479278	0.794426	1 ZNF791	K09228
ENSG00000140284	0.172355	6.527413	0.794455	1 SLC27A2	K08746
ENSG00000027847	-0.178043	4.660268	0.794478	1 B4GALT7	K00733
ENSG00000197961	0.17336	6.294527	0.794512	1 ZNF121	K09228
ENSG00000196199	-0.175211	5.420989	0.794633	1 MPHOSPH8	-
ENSG00000021762	0.174935	5.581641	0.794656	1 OSBPL5	-
ENSG00000130312	-0.173279	6.269905	0.794729	1 MRPL34	K02914
ENSG00000143314	-0.172456	6.387109	0.794844	1 MRPL24	K02895
ENSG00000066279	-0.171566	6.940759	0.79494	1 ASPM	K16743
ENSG00000077147	-0.170726	7.880204	0.794959	1 TM9SF3	K17087
ENSG00000228300	-0.173624	5.986567	0.794975	1 C19orf24	-
ENSG00000162385	-0.175362	5.447341	0.795031	1 MAGOH	K12877
ENSG00000158186	-0.175381	5.212248	0.795062	1 MRAS	K07831
ENSG00000109381	0.17239	5.181849	0.795066	1 ELF2	K09428
ENSG00000104218	-0.175488	5.095336	0.795079	1 CSPP1	K16771
ENSG00000196214	-0.175409	4.931237	0.795106	1 ZNF766	K09228
ENSG00000230330	-0.303361	0.988168	0.795106	1 HMGN2P3	K11300
ENSG00000267534	-0.303361	0.988168	0.795106	1 S1PR2	K04292
ENSG00000010295	0.282388	0.946849	0.795106	1 IFFO1	-
ENSG00000164620	0.282388	0.946849	0.795106	1 RELL2	-
ENSG00000213928	0.282388	0.946849	0.795106	1 IRF9	K04693
ENSG00000140511	0.23024	0.973007	0.795106	1 HAPLN3	K06852
ENSG00000185437	0.23024	0.973007	0.795106	1 SH3BGR	-
ENSG00000269963	0.23024	0.973007	0.795106	1 RP11-73M18.9	-
ENSG00000170515	-0.170242	8.578375	0.795122	1 PA2G4	-
ENSG00000042753	-0.170974	7.362958	0.795122	1 AP2S1	K11827
ENSG00000142784	0.1783	4.661993	0.795153	1 WDTC1	K11807
ENSG00000140941	0.171839	6.286673	0.795171	1 MAP1LC3B	K14230
ENSG00000230055	-0.172148	6.389203	0.795201	1 CISD3	K11460
ENSG00000160218	0.172738	5.918494	0.795265	1 TRAPPC10	-
ENSG00000221838	-0.185131	3.988188	0.795311	1 AP4M1	K12402
ENSG00000157911	0.183462	3.686449	0.795396	1 PEX10	K13346
ENSG00000119321	-0.175648	5.498643	0.795405	1 FKBP15	K17478
ENSG00000008382	0.185811	3.520454	0.79545	1 MPND	-
ENSG00000184967	-0.174514	5.066853	0.795596	1 NOC4L	K14771
ENSG00000177042	0.190598	2.820875	0.795689	1 TMEM80	-
ENSG00000248569	-0.235825	1.454688	0.795724	1 CTC-512J14.5	K15170
ENSG00000258985	-0.235825	1.454688	0.795724	1 RP11-368P15.3	-
ENSG00000137574	-0.174163	5.547247	0.795755	1 TGS1	K14292
ENSG00000125898	0.206157	2.276739	0.795849	1 FAM110A	K05467
ENSG00000188931	0.206157	2.276739	0.795849	1 C1orf192	-
ENSG00000186487	0.252219	1.771325	0.795875	1 MYT1L	-
ENSG00000228672	0.252219	1.771325	0.795875	1 PROB1	-
ENSG00000182185	-0.233411	1.770449	0.795875	1 RAD51B	K10869
ENSG00000138660	-0.171943	5.328045	0.795901	1 APIAR	-
ENSG00000164172	-0.172582	5.132035	0.796053	1 MOCS2	K03635
ENSG00000172340	0.17168	5.976104	0.796068	1 SUCLG2	K01900
ENSG00000123143	-0.17004	7.437409	0.796145	1 PKN1	K06071
ENSG00000077454	-0.181969	4.238538	0.79615	1 LRCH4	-
ENSG00000058600	0.173148	6.090665	0.796228	1 POLR3E	K14721
ENSG00000150753	-0.168893	10.46264	0.796238	1 CCT5	K09497
ENSG00000114745	0.178046	4.865393	0.79629	1 GORASP1	-
ENSG00000070269	-0.183403	3.999175	0.796375	1 TMEM260	-
ENSG00000137834	0.171932	5.927174	0.796393	1 SMAD6	K04677
ENSG00000167889	0.176628	4.714766	0.796447	1 MGAT5B	K09661
ENSG00000114784	-0.177772	4.591039	0.796589	1 EIF1B	K03113

ENSG0000096060	0.170025	5.963496	0.796631	1 FKBP5	K09571
ENSG00000108582	0.169625	7.303678	0.796638	1 CPD	K07752
ENSG00000114346	-0.169335	7.71839	0.796722	1 ECT2	-
ENSG00000165688	-0.16979	7.175008	0.796725	1 PMPCA	K01412
ENSG00000177663	0.181079	4.4004	0.796823	1 IL17RA	K05164
ENSG00000091483	-0.169472	7.427264	0.796824	1 FH	K01679
ENSG00000251322	0.175131	4.831893	0.796922	1 SHANK3	K15009
ENSG00000100325	0.170629	5.685069	0.797009	1 ASCC2	K18667
ENSG00000213326	0.178954	4.242451	0.797044	1 RPS7P11	K02993
ENSG00000117676	0.170603	6.3001	0.797135	1 RPS6KA1	K04373
ENSG00000132024	0.171321	5.785563	0.797175	1 CC2D1A	K18260
ENSG00000167291	0.171321	5.785563	0.797175	1 TBC1D16	-
ENSG00000159579	-0.171641	5.013576	0.797216	1 RSPRY1	K17866
ENSG00000198242	-0.168497	8.497154	0.797216	1 RPL23A	K02893
ENSG00000123416	-0.168191	9.564997	0.797218	1 TUBA1B	K07374
ENSG00000141552	0.172016	5.862262	0.797351	1 ANAPC11	K03358
ENSG00000257621	-0.179944	4.552351	0.797366	1 RP11-349A22.5	-
ENSG00000187953	-0.181605	3.937556	0.797547	1 PMS2CL	K10858
ENSG00000004700	0.169372	6.706596	0.797672	1 RECQL	K10899
ENSG00000111832	0.169422	6.649157	0.797702	1 RWDD1	-
ENSG00000146909	-0.171375	5.628332	0.797792	1 NOM1	K17583
ENSG00000148356	0.175521	4.982478	0.797806	1 LRSAM1	K10641
ENSG00000072071	0.171084	5.583471	0.797882	1 LPHN1	K04592
ENSG00000164040	-0.168397	7.572701	0.797952	1 PGRMC2	K17278
ENSG00000166441	0.167229	10.91177	0.798143	1 RPL27A	K02900
ENSG00000132670	-0.178639	4.510655	0.798186	1 PTPRA	K18032
ENSG00000125901	-0.170464	5.870028	0.798223	1 MRPS26	K17405
ENSG00000119285	-0.17109	5.834374	0.798309	1 HEATR1	K14550
ENSG00000151690	-0.213548	2.689893	0.798318	1 MFSD6	-
ENSG00000074416	0.168715	6.77752	0.798341	1 MGLL	K01054
ENSG00000073169	0.170447	5.795079	0.7984	1 SELO	-
ENSG00000166128	-0.177021	4.415276	0.79841	1 RAB8B	K07902
ENSG00000163714	-0.167573	8.226769	0.798448	1 U2SURP	K12842
ENSG00000215252	-0.172021	5.890115	0.798467	1 GOLGA8B	K10582
ENSG00000160216	-0.170027	5.873023	0.798512	1 AGPAT3	K13523
ENSG00000075790	-0.168627	5.872277	0.798512	1 BCAP29	K05545
ENSG00000198824	-0.197807	2.523821	0.798691	1 CHAMP1	-
ENSG00000132470	0.19721	2.50262	0.798691	1 ITGB4	K06525
ENSG00000099814	0.170939	5.544506	0.798702	1 CEP170B	K16463
ENSG00000122952	-0.169443	6.200107	0.798706	1 ZWINT	-
ENSG00000233830	0.170914	4.810172	0.798788	1 EIF4HP1	-
ENSG00000130726	0.167096	8.361641	0.798872	1 TRIM28	K08882
ENSG00000162613	0.167622	7.415098	0.79889	1 FUBP1	K13210
ENSG00000140598	-0.170538	5.322578	0.798909	1 EFTUD1	K14536
ENSG00000137815	0.168536	6.5274	0.798941	1 RTF1	K15178
ENSG00000104853	0.168375	6.64126	0.798944	1 CLPTM1	-
ENSG00000096063	-0.167608	7.295398	0.799157	1 SRPK1	K15409
ENSG00000164930	-0.169054	6.160836	0.799297	1 FZD6	K02376
ENSG00000140995	0.170594	5.548263	0.799422	1 DEF8	-
ENSG00000185950	-0.168416	6.464091	0.799433	1 IRS2	K07187
ENSG00000113391	-0.186467	3.13084	0.799437	1 FAM172A	-
ENSG00000167130	0.175742	4.014389	0.799504	1 DOLPP1	K07252
ENSG00000125812	0.172051	4.314853	0.799506	1 GZF1	-
ENSG00000172845	0.167807	6.686277	0.799543	1 SP3	K09193
ENSG00000129933	0.172818	5.503493	0.799568	1 MAU2	K11266
ENSG00000133131	-0.170018	4.928345	0.799612	1 MORC4	-
ENSG00000188971	0.171257	4.736354	0.79963	1 RP11-427H3.3	-
ENSG00000047056	0.182279	3.947627	0.799717	1 WDR37	-

ENSG00000167515	0.169122	5.860748	0.799721	1 TRAPPC2L	-
ENSG00000224660	0.230948	2.082488	0.799731	1 SH3BP5-AS1	-
ENSG00000064726	-0.167051	7.30707	0.799801	1 BTBD1	K10477
ENSG00000184708	0.173748	5.030272	0.799808	1 EIF4ENIF1	K18728
ENSG00000134970	-0.167681	6.734021	0.79982	1 TMED7	K14825
ENSG00000130590	-0.19717	3.000181	0.799824	1 SAMD10	-
ENSG00000179051	-0.16678	7.580744	0.79985	1 RCC2	-
ENSG00000073910	-0.533966	-0.648321	0.7999	1 FRY	-
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ENSG00000072310	0.166617	7.306162	0.800178	1 SREBF1	K07197
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ENSG00000183628	0.188694	3.247664	0.800837	1 DGCR6	K06262
ENSG00000131475	-0.167815	6.186337	0.800873	1 VPS25	K08867
ENSG00000106537	-0.167091	6.343	0.800896	1 TSPAN13	K17356
ENSG00000167470	-0.166129	6.231365	0.800921	1 MIDN	-
ENSG00000113269	0.17178	5.135157	0.800931	1 RNF130	K15701
ENSG00000186298	-0.165457	8.231308	0.800942	1 PPP1CC	K06269
ENSG00000198055	-0.168765	5.694141	0.800987	1 GRK6	K08291
ENSG00000003509	-0.169461	5.417915	0.801069	1 NDUFAF7	K06070
ENSG00000128272	-0.164887	9.575165	0.801117	1 ATF4	K04374
ENSG00000133422	0.169233	5.563192	0.8012	1 MORC2	-
ENSG00000197019	-0.178612	4.099694	0.801258	1 SERTAD1	K12581
ENSG00000164597	-0.169717	5.444323	0.801348	1 COG5	-
ENSG00000144655	0.17745	3.813676	0.801383	1 CSRNP1	K17494
ENSG00000133393	-0.168785	5.14075	0.801404	1 FOPNL	K16535
ENSG00000173409	-0.173439	4.905142	0.801405	1 ARV1	-
ENSG00000234797	-0.166509	6.584055	0.801452	1 RPS3AP6	K02984
ENSG00000173545	-0.165772	7.168949	0.801464	1 ZNF622	K14816
ENSG00000224138	0.239579	1.45868	0.801477	1 AC000123.4	-
ENSG00000228274	0.239579	1.45868	0.801477	1 RP3-508I15.9	-
ENSG00000197102	0.165008	7.966387	0.801552	1 DYNC1H1	K10413
ENSG00000101464	-0.171341	4.977863	0.801631	1 PIGU	K05293
ENSG00000186432	-0.16602	6.785385	0.801693	1 KPNA4	-
ENSG00000075413	0.166735	6.161035	0.801697	1 MARK3	K08798
ENSG00000103160	-0.170506	4.539162	0.801811	1 HSDL1	-
ENSG00000182827	0.165902	6.659167	0.801827	1 ACBD3	-
ENSG00000100124	-0.171926	5.048426	0.801835	1 ANKRD54	-
ENSG00000114735	-0.183285	3.016193	0.801853	1 HEMK1	K02493
ENSG00000005882	0.173992	4.670656	0.801869	1 PDK2	K00898
ENSG00000136816	-0.16782	5.498643	0.801876	1 TOR1B	K08857
ENSG00000111110	-0.167533	5.23336	0.801909	1 PPM1H	K17503
ENSG00000166483	-0.165802	6.747142	0.80201	1 WEE1	K06632
ENSG00000160633	0.165115	7.212493	0.802045	1 SAFB	K05090
ENSG00000186312	-0.173366	4.759043	0.802106	1 CA5BP1	K01672
ENSG00000173113	-0.166119	6.452136	0.802157	1 TRMT112	K15448
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ENSG00000134046	0.165481	6.613728	0.802394	1 MBD2	K11590
ENSG00000164898	0.185453	2.869829	0.802502	1 C7orf55	K13212
ENSG00000173905	0.165601	6.461684	0.802508	1 GOLIM4	-
ENSG00000006715	-0.173656	4.800522	0.802511	1 VPS41	-
ENSG00000125817	0.164846	7.073423	0.802516	1 CENPB	K11496
ENSG00000115350	-0.168503	4.677451	0.802516	1 POLE4	K03506
ENSG00000125743	-0.16432	7.848457	0.802533	1 SNRPD2	K11096
ENSG00000119912	-0.165965	5.991411	0.802561	1 IDE	K01408

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ENSG00000126775	0.169635	4.341092	0.802799	1 ATG14	K17889
ENSG00000188185	-0.281561	1.073177	0.802807	1 LINC00265	-
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ENSG00000184100	-0.239944	1.049262	0.802807	1 BRD7P2	K11723
ENSG00000245317	-0.239944	1.049262	0.802807	1 CTC-241N9.1	-
ENSG00000005889	0.165252	5.707076	0.802904	1 ZFX	-
ENSG00000144567	0.165045	6.109203	0.802952	1 FAM134A	-
ENSG00000172890	0.16568	5.118841	0.802975	1 NADSYN1	K01950
ENSG00000138674	0.16413	7.443095	0.802983	1 SEC31A	K14005
ENSG00000198899	0.163082	11.09586	0.80303	1 MT-ATP6	K02126
ENSG00000213740	-0.166294	5.791508	0.803078	1 SERBP1P1	K13199
ENSG00000075391	-0.167735	4.883016	0.803255	1 RASAL2	K17633
ENSG00000132842	-0.165182	6.451638	0.803261	1 AP3B1	K12397
ENSG00000165675	-0.174253	3.908576	0.803271	1 ENOX2	-
ENSG00000130703	0.164704	5.507357	0.803336	1 OSBPL2	-
ENSG00000214160	0.164161	7.058681	0.80334	1 ALG3	K03845
ENSG00000163132	0.173598	4.63754	0.803399	1 MSX1	K09341
ENSG00000231312	-0.235177	2.123048	0.803434	1 AC007246.3	-
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ENSG00000155592	0.208288	2.093783	0.803434	1 ZKSCAN2	K09229
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ENSG00000197162	0.185978	2.10498	0.803434	1 ZNF785	K09228
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ENSG00000070423	0.164738	6.437072	0.803567	1 RNF126	K11982
ENSG00000116199	-0.164897	6.45364	0.803591	1 FAM20B	-
ENSG00000164096	0.169927	4.920079	0.803597	1 C4orf3	-
ENSG00000179820	-0.166165	6.349467	0.803621	1 MYADM	-
ENSG00000143374	-0.166409	6.162067	0.80363	1 TARS2	K01868
ENSG00000196262	0.162599	10.5685	0.803646	1 PPIA	K03767
ENSG00000167862	-0.16784	5.385782	0.80368	1 ICT1	K15033
ENSG00000155363	0.163815	7.055054	0.803752	1 MOV10	-
ENSG00000179627	0.181383	3.023453	0.803841	1 ZBTB42	-
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ENSG00000269378	0.164372	5.717122	0.804162	1 ITGB1P1	K05719
ENSG00000105968	0.163126	7.401382	0.804205	1 H2AFV	K11251
ENSG00000204899	-0.164051	6.651874	0.804228	1 MZT1	K18633
ENSG00000248873	-0.41686	0.43029	0.804303	1 SERBP1P6	K13199
ENSG00000268402	-0.41686	0.43029	0.804303	1 AL031320.1	-
ENSG00000075043	-0.350267	0.391604	0.804303	1 KCNQ2	K04927
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ENSG00000197463	-0.350267	0.391604	0.804303	1 CSAG3	-
ENSG00000254978	-0.350267	0.391604	0.804303	1 ALG1L9P	K03842
ENSG00000256591	-0.350267	0.391604	0.804303	1 RP11-286N22.8	K17571
ENSG00000100376	0.170046	4.598239	0.80433	1 FAM118A	K12581
ENSG00000177666	0.164033	6.445152	0.804383	1 PNPLA2	K16816
ENSG00000108349	0.164586	6.226381	0.804389	1 CASC3	K14323
ENSG00000184916	-0.164672	6.257953	0.804422	1 JAG2	K06052
ENSG00000061676	-0.162883	7.565807	0.804461	1 NCKAP1	K05750
ENSG00000105771	0.16749	5.098486	0.80459	1 SMG9	K18735
ENSG00000134574	-0.16657	6.006485	0.804626	1 DDB2	K10140
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ENSG00000214174	0.195701	2.887438	0.804673	1 AMZ2P1	K06974

ENSG00000214595	-0.190729	2.897808	0.804673	1 EML6	-
ENSG00000212802	0.164179	6.244438	0.804731	1 RPL15P3	K02877
ENSG00000168116	-0.176496	4.304301	0.804754	1 KIAA1586	-
ENSG00000009307	0.161803	9.377854	0.804779	1 CSDE1	-
ENSG00000164663	-0.177657	3.845984	0.804825	1 USP49	K11834
ENSG00000136908	0.163665	6.414093	0.804871	1 DPM2	K09658
ENSG00000136143	0.163422	6.574655	0.804882	1 SUCLA2	K01900
ENSG00000176896	0.217203	1.835765	0.804884	1 TCEANC	K11341
ENSG00000261788	0.217203	1.835765	0.804884	1 RP11-480G7.1	-
ENSG00000119681	-0.190863	1.855902	0.804884	1 LTBP2	K08023
ENSG00000168395	-0.173067	3.99357	0.804947	1 ING5	K11345
ENSG00000162298	0.16745	5.312395	0.804992	1 SYVN1	K10601
ENSG00000112210	-0.1693	4.127455	0.805046	1 RAB23	K06234
ENSG00000169641	0.165368	5.521758	0.805131	1 LUZP1	-
ENSG00000169756	-0.163054	5.661616	0.805214	1 LIMS1	K17985
ENSG00000173442	0.161837	8.038754	0.805254	1 EHBPI1L1	-
ENSG00000185418	0.173447	4.56152	0.80531	1 TARSL2	K01868
ENSG00000184076	0.164193	6.334752	0.805416	1 UQCR10	K00419
ENSG00000125249	-0.167071	4.823895	0.805431	1 RAP2A	K07837
ENSG00000180581	0.197947	2.34763	0.805445	1 SRP9P1	K03109
ENSG00000229180	0.197947	2.34763	0.805445	1 GS1-124K5.11	-
ENSG00000136754	0.166625	5.571521	0.805504	1 ABI1	-
ENSG00000105928	-0.162993	6.63434	0.805505	1 DFNA5	K18047
ENSG00000143106	-0.161524	8.161112	0.805628	1 PSMA5	K02729
ENSG00000143303	-0.171898	4.701247	0.805689	1 RRNAD1	-
ENSG00000150938	-0.161699	7.766316	0.80569	1 CRIM1	-
ENSG00000074657	0.167693	5.007273	0.805757	1 ZNF532	-
ENSG00000120256	0.162057	7.105636	0.805768	1 LRP11	-
ENSG00000229212	0.190637	3.039319	0.805791	1 RP11-561C5.4	-
ENSG00000188636	-0.164772	5.710137	0.805863	1 LDOC1L	-
ENSG00000122386	0.16641	4.469477	0.805991	1 ZNF205	K09228
ENSG00000184402	0.170652	4.742928	0.806002	1 SS18L1	-
ENSG00000145911	-0.163855	5.175111	0.806012	1 N4BP3	-
ENSG00000178449	0.163562	6.224619	0.806022	1 COX14	K18181
ENSG00000164346	-0.161966	7.088821	0.80605	1 NSA2	K14842
ENSG00000160867	-0.164893	5.834383	0.806163	1 FGFR4	K05095
ENSG00000166450	-0.166654	4.869583	0.806283	1 PRTG	-
ENSG00000123124	0.162666	6.327115	0.806327	1 WWP1	K05633
ENSG00000240857	-0.172744	4.524016	0.806346	1 RDH14	K11162
ENSG00000108506	-0.172011	4.073834	0.806447	1 INTS2	K13139
ENSG00000111912	0.162038	6.611922	0.806453	1 NCOA7	K17985
ENSG00000224470	0.165631	5.175802	0.806461	1 ATXN1L	-
ENSG00000062725	-0.1671	4.908044	0.806547	1 APPBP2	-
ENSG00000100038	0.165372	4.905524	0.806547	1 TOP3B	K03165
ENSG00000141627	0.165372	4.905524	0.806547	1 DYM	-
ENSG00000169221	0.163627	5.380354	0.806601	1 TBC1D10B	K11447
ENSG00000126243	0.181821	3.401013	0.806635	1 LRFN3	-
ENSG00000205707	0.164337	4.662062	0.806638	1 LYRM5	-
ENSG00000147854	0.163156	6.229305	0.806674	1 UHRF2	K15713
ENSG00000177888	-0.170249	4.375664	0.806767	1 ZBTB41	K10513
ENSG00000101294	0.161191	7.115794	0.806779	1 HM13	K09595
ENSG00000089123	-0.175899	2.914968	0.806798	1 TASP1	K08657
ENSG00000118263	-0.25296	1.53378	0.806915	1 KLF7	K09207
ENSG00000170469	0.230664	1.521426	0.806915	1 SPATA24	-
ENSG00000151929	0.161816	6.482436	0.806929	1 BAG3	K09557
ENSG00000109586	-0.161659	6.723715	0.806929	1 GALNT7	K00710
ENSG00000188603	-0.176578	4.007301	0.806964	1 CLN3	K12389
ENSG00000163902	0.159986	9.132891	0.80699	1 RPN1	K12666

ENSG00000171700	0.168997	4.527698	0.807046	1 RGS19	K16449
ENSG00000175324	-0.163528	4.912406	0.807086	1 LSM1	K12620
ENSG00000100350	-0.165302	4.836215	0.807141	1 FOXRED2	-
ENSG00000141646	-0.165911	5.538789	0.807244	1 SMAD4	K04501
ENSG00000031003	0.16672	5.018151	0.80726	1 FAM13B	-
ENSG00000120029	0.16672	5.018151	0.80726	1 C10orf76	-
ENSG00000198793	-0.163046	5.698371	0.807274	1 MTOR	K07203
ENSG00000214941	-0.171334	3.518807	0.807302	1 ZSWIM7	K18169
ENSG00000090905	-0.168598	4.877066	0.807388	1 TNRC6A	K18412
ENSG00000171735	-0.165436	5.056335	0.807475	1 CAMTA1	-
ENSG00000134453	-0.160797	7.025989	0.807509	1 RBM17	K12840
ENSG00000124496	-0.169123	3.943124	0.80753	1 TRERF1	-
ENSG00000196323	-0.167126	4.987554	0.807544	1 ZBTB44	K10515
ENSG00000101084	0.160918	6.726595	0.8076	1 C20orf24	-
ENSG00000100554	0.162166	6.113006	0.807671	1 ATP6V1D	K02149
ENSG00000158941	-0.162075	5.959379	0.807725	1 CCAR2	-
ENSG00000146842	-0.165677	5.566796	0.807736	1 TMEM209	K09654
ENSG00000136997	-0.159455	8.834589	0.807757	1 MYC	K04377
ENSG00000133121	-0.199609	2.768854	0.80801	1 STARD13	-
ENSG00000151689	-0.199609	2.768854	0.80801	1 INPP1	K01107
ENSG00000121022	-0.160083	7.235044	0.8081	1 COPS5	K09613
ENSG00000198898	0.159754	7.476726	0.80812	1 CAPZA2	K10364
ENSG00000175782	0.180172	3.417561	0.808126	1 SLC35E3	K15285
ENSG00000112893	-0.162735	5.944512	0.80814	1 MAN2A1	K01231
ENSG00000162441	-0.173999	3.870121	0.808151	1 LZIC	-
ENSG00000101213	-0.16543	4.91967	0.808153	1 PTK6	K08894
ENSG00000168067	0.165015	4.485247	0.808157	1 MAP4K2	K04414
ENSG00000068793	0.159927	7.203564	0.808177	1 CYFIP1	K05749
ENSG00000167196	-0.162253	6.084122	0.808186	1 FBXO22	K10302
ENSG00000163516	0.16402	5.470218	0.808218	1 ANKZF1	-
ENSG00000172572	0.160777	6.257109	0.808263	1 PDE3A	K19021
ENSG00000147130	-0.160101	5.890134	0.808358	1 ZMYM3	K06641
ENSG00000231770	-0.204642	2.388133	0.808448	1 TMEM44-AS1	-
ENSG00000163795	0.194137	2.381805	0.808448	1 ZNF513	K09228
ENSG00000171444	0.194137	2.381805	0.808448	1 MCC	-
ENSG00000163754	-0.160856	5.312681	0.808472	1 GYG1	K00750
ENSG00000183751	-0.160663	6.440595	0.808603	1 TBL3	K14555
ENSG00000260336	0.163057	5.548261	0.808627	1 RP11-395B7.7	-
ENSG00000125107	0.159333	7.378071	0.808706	1 CNOT1	K12604
ENSG00000143727	0.159675	6.984352	0.808722	1 ACP1	K14394
ENSG00000128590	0.17043	4.332399	0.808792	1 DNAJB9	K09515
ENSG00000102908	-0.165252	4.49511	0.808868	1 NFAT5	K17335
ENSG00000170464	0.180645	2.91717	0.808878	1 DNAJC18	K09538
ENSG00000138821	-0.160147	6.30639	0.808911	1 SLC39A8	K14714
ENSG00000272405	-0.163941	5.06683	0.808918	1 RP11-284F21.10	-
ENSG00000143382	-0.159085	7.500775	0.809007	1 ADAMTSL4	-
ENSG00000155463	0.159262	7.100835	0.809074	1 OXA1L	K03217
ENSG00000068394	0.237499	1.871083	0.809098	1 GPKOW	K13101
ENSG00000267855	0.237499	1.871083	0.809098	1 NDUFA7	K03951
ENSG00000123643	0.211109	1.884288	0.809098	1 SLC36A1	K14209
ENSG00000205609	0.166135	4.680996	0.809154	1 EIF3CL	K03252
ENSG00000126883	0.163466	5.668764	0.80922	1 NUP214	K14317
ENSG0000010292	0.158521	7.807335	0.809322	1 NCAPD2	K06677
ENSG00000163590	0.162022	4.728139	0.809365	1 PPM1L	K17506
ENSG00000198176	-0.158635	7.68007	0.809381	1 TFDPI	K04683
ENSG00000151366	-0.164289	4.968076	0.809387	1 NDUFC2	K03968
ENSG00000149136	-0.158045	8.815173	0.809432	1 SSRP1	K09272
ENSG00000117408	-0.16606	5.106809	0.809552	1 IPO13	-

ENSG00000196812	0.177175	3.066073	0.809577	1 ZSCAN16	K09230
ENSG00000185753	0.173667	3.71694	0.809596	1 CXorf38	K17985
ENSG00000119718	0.16244	5.319011	0.809678	1 EIF2B2	K03754
ENSG00000132507	-0.157647	9.23547	0.809767	1 EIF5A	K03263
ENSG00000011523	-0.163337	4.689366	0.809773	1 CEP68	K16764
ENSG00000134153	0.159016	6.758961	0.809797	1 EMC7	-
ENSG00000104783	0.160525	5.992031	0.809862	1 KCNN4	K04945
ENSG00000123066	0.160525	5.992031	0.809862	1 MED13L	K15164
ENSG00000172269	-0.160028	5.606917	0.809865	1 DPAGT1	K01001
ENSG00000087365	0.157798	8.321404	0.80988	1 SF3B2	K12829
ENSG00000134107	-0.159052	6.736522	0.809984	1 BHLHE40	K03729
ENSG00000244187	-0.16143	5.008113	0.810052	1 TMEM141	-
ENSG00000213347	0.164327	4.447534	0.81006	1 MXD3	K07912
ENSG00000115170	-0.174336	3.208532	0.810152	1 ACVR1	K04675
ENSG00000178585	-0.174336	3.208532	0.810152	1 CTNNBIP1	K04493
ENSG00000066322	-0.158867	6.331643	0.810382	1 ELOVL1	K10247
ENSG00000104936	-0.160283	6.1349	0.810436	1 DMPK	K08788
ENSG00000168566	-0.158946	6.538136	0.810445	1 SNRNP48	K13156
ENSG00000130045	0.220198	2.16337	0.810446	1 NXNL2	K17609
ENSG00000198888	0.156802	10.52253	0.810517	1 MT-ND1	K03878
ENSG00000183779	0.164324	4.400518	0.81058	1 ZNF703	-
ENSG00000175854	-0.162292	5.27016	0.810651	1 SWI5	-
ENSG00000006114	-0.160998	4.605424	0.810661	1 SYNRG	-
ENSG00000138698	-0.163601	4.781486	0.810723	1 RAP1GDS1	-
ENSG00000088986	-0.157384	7.848875	0.81073	1 DYNLL1	K10418
ENSG00000140743	0.160546	5.907548	0.810773	1 CDR2	-
ENSG00000163938	-0.157482	7.637573	0.81078	1 GNL3	K14538
ENSG00000049167	-0.162636	3.728336	0.810789	1 ERCC8	K10570
ENSG00000132341	-0.156601	9.718025	0.810892	1 RAN	K07936
ENSG00000172009	-0.157472	7.307945	0.811106	1 THOP1	K01392
ENSG00000173207	-0.157298	7.433928	0.811183	1 CKS1B	K02219
ENSG00000021776	-0.16159	5.444321	0.811257	1 AQR	K12874
ENSG00000117133	-0.15819	6.577675	0.811267	1 RPF1	K14846
ENSG00000214367	-0.162702	4.787843	0.811297	1 HAUS3	K16586
ENSG00000106462	0.158103	6.455672	0.811354	1 EZH2	K11430
ENSG00000247228	0.190505	2.415185	0.81136	1 RP11-296I10.3	-
ENSG00000143578	-0.170463	3.893862	0.811366	1 CREB3L4	K09048
ENSG00000137575	-0.156793	7.910829	0.811386	1 SDCBP	K17254
ENSG00000176401	0.186204	3.081486	0.811415	1 EID2B	K17985
ENSG00000185480	-0.159284	5.896035	0.811504	1 PARPBP	-
ENSG00000165119	-0.156149	9.084877	0.811587	1 HNRNPK	K12886
ENSG00000163820	0.163311	3.967613	0.81161	1 FYCO1	-
ENSG00000107821	-0.160065	5.219302	0.811695	1 KAZALD1	-
ENSG00000140548	0.166744	3.641704	0.811699	1 ZNF710	-
ENSG00000132467	-0.159382	5.81817	0.811803	1 UTP3	K14767
ENSG00000226419	-0.171506	3.227323	0.811828	1 SLC16A1-AS1	-
ENSG00000260054	-0.165166	4.047498	0.81183	1 RP11-611L7.1	-
ENSG00000010318	-0.211899	1.576439	0.812063	1 PHF7	-
ENSG00000092445	0.158943	5.818585	0.812083	1 TYRO3	K05116
ENSG00000119408	0.160665	5.056916	0.812111	1 NEK6	K08857
ENSG00000181827	-0.160491	4.709594	0.812209	1 RFX7	-
ENSG00000077097	-0.156597	7.22191	0.812235	1 TOP2B	K03164
ENSG00000141873	-0.158604	5.800981	0.812309	1 SLC39A3	K14709
ENSG00000160113	-0.155957	7.977555	0.81233	1 NR2F6	K08549
ENSG00000117479	0.158571	5.312403	0.81236	1 SLC19A2	K14610
ENSG00000137076	0.156292	7.30999	0.812368	1 TLN1	K06271
ENSG00000255737	0.168483	3.454256	0.812467	1 AGAP2-AS1	K17848
ENSG00000198832	0.157166	6.442609	0.812483	1 SELM	-

ENSG00000250182	0.193308	2.795758	0.812517	1 EEF1A1P13	K03231
ENSG00000241945	-0.157031	6.545199	0.812692	1 PWP2	K14558
ENSG00000184939	-0.179724	2.966473	0.812907	1 ZFP90	K09228
ENSG00000119711	-0.164565	4.1249	0.812929	1 ALDH6A1	K00140
ENSG00000165055	-0.158765	5.228681	0.81296	1 METTL2B	K17985
ENSG00000100601	0.165157	4.18583	0.813069	1 ALKBH1	K10765
ENSG00000101104	-0.161553	4.840797	0.813086	1 PABPC1L	K13126
ENSG00000170631	0.171192	3.743425	0.81313	1 ZNF16	K09228
ENSG00000139168	-0.156427	6.662756	0.813203	1 ZCRB1	K13154
ENSG00000061936	0.157992	5.848597	0.813237	1 SFSWAP	-
ENSG00000162869	-0.189189	3.237024	0.813475	1 PPP1R21	K17562
ENSG00000260539	0.162178	4.425254	0.813524	1 RP11-252A24.7	-
ENSG00000065243	-0.155516	7.203598	0.813533	1 PKN2	K06071
ENSG00000160075	-0.156085	6.658859	0.813613	1 SSU72	K15544
ENSG00000135775	-0.157981	5.380527	0.81364	1 COG2	-
ENSG00000177352	0.164997	4.529623	0.813704	1 CCDC71	-
ENSG00000115415	-0.156379	6.412073	0.813712	1 STAT1	K11220
ENSG00000126934	0.15481	7.719047	0.813778	1 MAP2K2	K04369
ENSG00000106682	-0.170892	3.4682	0.81387	1 EIF4H	-
ENSG00000163166	0.155007	7.305274	0.813892	1 IWS1	K17498
ENSG00000126787	-0.155647	6.808677	0.813895	1 DLGAP5	K16804
ENSG00000136877	-0.156288	6.301964	0.813995	1 FPGS	K01930
ENSG00000205726	0.157211	6.095772	0.814133	1 ITSN1	-
ENSG00000120253	-0.158709	5.493789	0.814163	1 NUP43	K14305
ENSG00000048028	0.158009	5.517931	0.814197	1 USP28	K11849
ENSG00000100767	-0.160484	4.891876	0.814223	1 PAPLN	K12581
ENSG00000167553	-0.153862	9.326223	0.81423	1 TUBA1C	K07374
ENSG00000005206	0.157749	5.795063	0.814244	1 SPPL2B	-
ENSG00000141380	-0.155445	6.707896	0.814289	1 SS18	K15623
ENSG00000168159	-0.155843	6.400709	0.814367	1 RNF187	K15709
ENSG00000159352	-0.154393	7.686063	0.814398	1 PSMD4	K03029
ENSG00000170881	-0.162468	5.077249	0.814446	1 RNF139	K15703
ENSG00000173418	-0.157856	5.840524	0.814569	1 NAA20	K17972
ENSG00000108256	0.153774	8.479992	0.814576	1 NUFIP2	K06115
ENSG00000170100	-0.191143	2.819209	0.814693	1 ZNF778	K09228
ENSG00000119487	0.156341	5.975378	0.814704	1 MAPKAP1	-
ENSG00000088766	0.154866	5.689316	0.814706	1 CRLS1	K08744
ENSG00000136485	0.155193	6.491223	0.814728	1 DCAF7	K11805
ENSG00000137266	0.158698	4.261049	0.81482	1 SLC22A23	K08215
ENSG00000198646	0.156064	5.470219	0.814833	1 NCOA6	-
ENSG00000145107	-0.312214	0.518168	0.814851	1 TM4SF19	-
ENSG00000224817	-0.312214	0.518168	0.814851	1 RP11-190J1.3	-
ENSG00000251144	-0.312214	0.518168	0.814851	1 CTD-2532K18.2	-
ENSG00000161664	0.248359	0.472995	0.814851	1 ASB16	K10338
ENSG00000168256	0.248359	0.472995	0.814851	1 NKIRAS2	K17197
ENSG00000187990	0.248359	0.472995	0.814851	1 HIST1H2BG	K11252
ENSG00000197021	0.248359	0.472995	0.814851	1 CXorf40B	-
ENSG00000233225	0.248359	0.472995	0.814851	1 AC004987.9	-
ENSG00000188677	-0.158173	5.497674	0.814855	1 PARVB	K06275
ENSG00000143434	0.176144	2.963001	0.814858	1 SEMA6C	K06842
ENSG00000028839	-0.165061	4.381947	0.814919	1 TBPL1	K03120
ENSG00000113552	-0.157023	6.016016	0.814979	1 GNPDA1	K02564
ENSG00000136003	-0.155282	6.404854	0.815022	1 ISCU	-
ENSG00000138600	0.158034	5.446261	0.815166	1 SPPL2A	K09596
ENSG00000075218	0.15593	5.447268	0.815166	1 GTSE1	K10129
ENSG00000100304	-0.15407	7.257872	0.815185	1 TTLL12	K16609
ENSG00000205352	-0.153545	7.739337	0.815359	1 PRR13	-
ENSG00000185236	-0.154786	6.091227	0.815489	1 RAB11B	K07905

ENSG00000165355	-0.165375	3.928761	0.815491	1 FBXO33	K10310
ENSG00000139437	-0.167143	4.210275	0.8156	1 TCHP	K16811
ENSG00000137185	-0.162011	4.59821	0.815716	1 ZSCAN9	K09230
ENSG00000147669	-0.154067	6.837709	0.81572	1 POLR2K	K03009
ENSG00000156502	-0.154755	6.361808	0.81573	1 SUPV3L1	K17675
ENSG00000115020	-0.157753	5.253019	0.815847	1 PIKFYVE	K00921
ENSG00000160877	-0.153202	7.387591	0.816077	1 NACC1	K10486
ENSG00000054267	0.154772	5.534122	0.81622	1 ARID4B	K19195
ENSG00000116584	-0.154156	6.458666	0.816247	1 ARHGEF2	K12791
ENSG00000106153	-0.152109	9.14342	0.816361	1 CHCHD2	K00901
ENSG00000165424	0.162655	4.214499	0.816428	1 ZCCHC24	-
ENSG00000170275	0.152231	8.406999	0.816439	1 CRTAP	K19606
ENSG00000124570	0.152044	8.611807	0.816575	1 SERPINB6	K13963
ENSG00000196876	-0.262382	1.153501	0.816583	1 SCN8A	-
ENSG00000214900	-0.262382	1.153501	0.816583	1 C14orf182	K02927
ENSG00000137709	0.253341	1.119146	0.816583	1 POU2F3	K09364
ENSG00000150527	0.253341	1.119146	0.816583	1 CTAGE5	-
ENSG00000155666	0.253341	1.119146	0.816583	1 KDM8	K10277
ENSG00000173540	0.253341	1.119146	0.816583	1 GMPPB	K00966
ENSG00000250903	0.253341	1.119146	0.816583	1 GMDS-AS1	-
ENSG00000255031	0.253341	1.119146	0.816583	1 RP11-802E16.3	-
ENSG00000180611	-0.175979	3.487959	0.816616	1 MB21D2	-
ENSG00000001630	-0.166064	3.264189	0.816685	1 CYP51A1	K05917
ENSG00000161800	0.152505	7.493348	0.816686	1 RACGAP1	K16733
ENSG00000146729	-0.153747	5.936678	0.816689	1 GBAS	-
ENSG00000162231	0.154203	5.876499	0.816715	1 NXF1	K14284
ENSG00000113108	-0.176286	2.988658	0.81677	1 APBB3	-
ENSG00000233927	-0.176286	2.988658	0.81677	1 RPS28	K02979
ENSG00000070770	0.152662	6.167731	0.816812	1 CSNK2A2	K03097
ENSG00000184068	0.177321	2.827443	0.816819	1 RP5-821D11.7	-
ENSG00000071127	0.152519	7.236499	0.816907	1 WDR1	-
ENSG00000174130	0.18704	2.447807	0.816928	1 TLR6	K10169
ENSG00000118058	0.222509	1.581542	0.816944	1 KMT2A	K09186
ENSG00000236255	0.222509	1.581542	0.816944	1 AC009404.2	-
ENSG00000219529	0.19021	1.597888	0.816944	1 AP000580.1	K02969
ENSG00000198182	-0.195154	2.22831	0.816978	1 ZNF607	K09228
ENSG00000213839	-0.195154	2.22831	0.816978	1 RP11-3J10.4	-
ENSG00000159674	0.174139	2.222759	0.816978	1 SPON2	-
ENSG00000228797	0.205418	1.931223	0.817004	1 FAM207BP	-
ENSG00000169252	-0.197627	1.96151	0.817004	1 ADRB2	K04142
ENSG00000183161	-0.197627	1.96151	0.817004	1 FANCF	K10893
ENSG00000160233	0.1804	1.943844	0.817004	1 LRRC3	K17985
ENSG00000186907	0.152626	6.994339	0.817046	1 RTN4RL2	K16661
ENSG00000133961	0.155612	5.615149	0.817158	1 NUMB	K06057
ENSG00000102854	-0.151613	8.253814	0.817313	1 MSLN	-
ENSG00000101266	0.15279	6.648659	0.817318	1 CSNK2A1	K03097
ENSG00000240972	-0.151983	7.477147	0.817435	1 MIF	K07253
ENSG00000104763	-0.153547	5.883478	0.817499	1 ASAH1	K12348
ENSG00000143740	0.156007	5.518889	0.817571	1 SNAP47	K05062
ENSG00000100804	-0.151765	7.554951	0.817623	1 PSMB5	K02737
ENSG00000113013	-0.150797	10.17059	0.817702	1 HSPA9	K04043
ENSG00000243199	0.159428	4.457588	0.817775	1 RP11-408P14.1	K02934
ENSG00000128228	0.153709	5.844777	0.817807	1 SDF2L1	-
ENSG00000172354	0.151462	7.537241	0.817886	1 GNB2	K04537
ENSG00000140829	0.15432	5.73782	0.81794	1 DHX38	K12815
ENSG00000184661	-0.154003	5.470255	0.817972	1 CDCA2	K17590
ENSG00000111639	-0.151617	7.359587	0.817984	1 MRPL51	K17432
ENSG00000198783	-0.157211	4.757356	0.818037	1 ZNF830	K13104

ENSG00000243927	-0.154152	4.755722	0.818037	1 MRPS6	K02990
ENSG00000078369	0.151587	7.187958	0.81806	1 GNB1	K04536
ENSG00000134463	-0.16498	3.394962	0.818094	1 ECHDC3	-
ENSG00000145555	0.151147	7.739092	0.818105	1 MYO10	K12559
ENSG00000137656	-0.163591	4.16698	0.818151	1 BUD13	K13106
ENSG00000187118	-0.158976	4.164495	0.818151	1 CMC1	K18171
ENSG00000083812	0.177068	3.270812	0.818249	1 ZNF324	K09228
ENSG00000131013	-0.158519	4.88447	0.818393	1 PPIL4	K12735
ENSG00000100714	-0.151392	7.21664	0.818402	1 MTHFD1	K00288
ENSG00000228794	-0.183307	3.150657	0.81843	1 LINC01128	-
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ENSG00000130733	0.152729	5.950039	0.818437	1 YIPF2	-
ENSG00000154102	-0.167468	3.954459	0.818469	1 C16orf74	-
ENSG00000126524	-0.15126	7.185969	0.818593	1 SBDS	K14574
ENSG00000170175	-0.172956	3.01051	0.818643	1 CHRNB1	K04812
ENSG00000004779	-0.15171	6.691467	0.818733	1 NDUFAB1	K03955
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ENSG00000143774	0.150627	7.636075	0.818798	1 GUK1	K00942
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ENSG00000170191	0.161041	4.2333	0.81887	1 NANP	K01097
ENSG00000237036	0.187981	2.845561	0.818898	1 ZEB1-AS1	-
ENSG00000234545	-0.166465	3.701685	0.818899	1 FAM133B	-
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ENSG00000113328	-0.150959	7.197362	0.818936	1 CCNG1	K10145
ENSG00000189057	0.155277	4.847293	0.818987	1 FAM111B	-
ENSG00000077254	0.150509	7.4163	0.819119	1 USP33	K11848
ENSG00000111711	-0.151023	6.960332	0.819153	1 GOLT1B	-
ENSG00000129518	0.152787	5.214158	0.819169	1 EAPP	-
ENSG00000049541	0.193533	2.6705	0.819207	1 RFC2	K10755
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ENSG00000113615	0.151213	5.506391	0.819285	1 SEC24A	K14007
ENSG00000166454	-0.152826	5.99625	0.819336	1 ATMIN	-
ENSG00000170775	-0.159462	4.36073	0.819389	1 GPR37	K04243
ENSG00000185838	0.15835	3.95923	0.81944	1 GNB1L	-
ENSG00000140374	0.150102	7.346554	0.819665	1 ETFA	K03522
ENSG00000117054	0.149831	7.685729	0.819706	1 ACADM	K00249
ENSG00000234851	0.150138	7.252118	0.819713	1 RP11-3P17.3	K02893
ENSG00000133884	0.151216	6.347167	0.819771	1 DPF2	K13196
ENSG00000187630	-0.172001	3.286947	0.819787	1 DHRS4L2	K11147
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ENSG00000111412	0.159535	4.677601	0.819946	1 C12orf49	-
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ENSG00000134287	-0.149924	7.314603	0.820036	1 ARF3	K07938
ENSG00000184164	0.152266	5.588945	0.820069	1 CRELD2	K16467
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ENSG00000059915	-0.171317	2.255213	0.820079	1 PSD	K12494
ENSG00000122705	-0.149422	7.97411	0.820081	1 CLTA	K04644
ENSG00000099904	-0.153729	5.159238	0.820162	1 ZDHHC8	K18932
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ENSG00000135679	0.149966	6.390703	0.821085	1 MDM2	K06643
ENSG00000034510	-0.147867	10.16905	0.821184	1 TMSB10	K13785
ENSG00000126878	-0.155928	5.23218	0.821192	1 AIF1L	K18617
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ENSG00000198721	-0.148616	7.45735	0.821447	1 ECI2	K13239
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ENSG00000185043	0.148441	7.197544	0.821781	1 CIB1	K17259
ENSG00000129625	-0.148407	7.342962	0.821807	1 REEP5	K17279
ENSG00000141933	0.161586	3.532283	0.821874	1 TPGS1	K16581
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ENSG00000272696	0.354214	-0.530294	0.822492	1 RP11-339B21.13	-
ENSG00000165684	-0.154049	5.211036	0.822523	1 SNAPC4	K09453
ENSG00000177051	0.153163	5.209421	0.822523	1 FBXO46	K10320
ENSG00000167702	0.149139	5.533174	0.822567	1 KIFC2	K10406
ENSG00000162191	0.147846	7.047373	0.82265	1 UBXN1	-
ENSG00000144647	-0.167952	3.643263	0.822693	1 POMGNT2	K18207
ENSG00000145945	-0.245376	1.229628	0.82277	1 FAM50B	K13119
ENSG00000172382	-0.245376	1.229628	0.82277	1 PRSS27	K09628
ENSG00000196659	-0.245376	1.229628	0.82277	1 TTC30B	K19683
ENSG00000213190	-0.245376	1.229628	0.82277	1 MLLT11	-
ENSG00000260793	-0.245376	1.229628	0.82277	1 RP5-882C2.2	-
ENSG00000171889	0.241274	1.19811	0.82277	1 MIR31HG	-
ENSG00000106852	-0.208064	1.208343	0.82277	1 LHX6	K09375
ENSG00000261351	-0.208064	1.208343	0.82277	1 CTD-3185P2.1	-
ENSG00000265688	-0.208064	1.208343	0.82277	1 MAFG-AS1	-
ENSG00000167977	0.151319	5.754985	0.822793	1 KCTD5	-
ENSG00000198826	-0.148223	6.730798	0.8228	1 ARHGAP11A	-
ENSG00000146858	-0.179517	2.891613	0.822917	1 ZC3HAV1L	K10734
ENSG00000107223	-0.147004	8.006012	0.822931	1 EDF1	K03627
ENSG00000171467	-0.152703	5.110593	0.822978	1 ZNF318	-
ENSG00000122786	-0.147913	6.789423	0.823078	1 CALD1	K12327
ENSG00000135404	0.146417	9.119377	0.823094	1 CD63	K06497
ENSG00000125971	0.148536	6.23627	0.823157	1 DYNLRB1	K10419
ENSG00000197077	0.149874	5.665299	0.823224	1 KIAA1671	K11447
ENSG00000198736	0.152867	4.332533	0.823266	1 MSRB1	K07305
ENSG00000004897	-0.147484	6.992711	0.823304	1 CDC27	K03350
ENSG00000186185	-0.149403	5.761951	0.823344	1 KIF18B	K10401
ENSG00000123091	0.147991	6.361106	0.823477	1 RNF11	K11980
ENSG00000132286	-0.151175	4.802007	0.823517	1 TIMM10B	K17779
ENSG00000179958	-0.149807	5.669397	0.823517	1 DCTPP1	K16904
ENSG00000131668	-0.148449	6.319103	0.823542	1 BARX1	K09361
ENSG00000129636	-0.150672	5.403484	0.823544	1 ITFG1	K17257
ENSG00000161970	0.14589	9.5525	0.82362	1 RPL26	K02898
ENSG00000144554	0.14823	5.569668	0.823714	1 FANCD2	K10891
ENSG00000184363	-0.148477	6.15782	0.82377	1 PKP3	-
ENSG00000176396	0.152572	4.842722	0.823822	1 EID2	-
ENSG00000009954	-0.159326	3.653622	0.823867	1 BAZ1B	K11658
ENSG00000127589	-0.147412	6.644945	0.823898	1 TUBBP1	K07375

ENSG00000108443	-0.150973	5.673695	0.8241	1 RPS6KB1	K04688
ENSG00000006831	0.146528	7.116677	0.824136	1 ADIPOR2	K07297
ENSG00000139651	0.14814	5.916275	0.824136	1 ZNF740	-
ENSG00000197948	-0.161102	3.998933	0.824147	1 FCHSD1	-
ENSG00000100575	-0.150715	5.288205	0.824165	1 TIMM9	K17777
ENSG00000174718	-0.150715	5.288205	0.824165	1 KIAA1551	-
ENSG00000147526	0.15386	4.144353	0.824245	1 TACC1	K14281
ENSG00000138297	-0.175073	3.32688	0.82425	1 TIMM23	K17794
ENSG00000248487	-0.211117	2.017431	0.824282	1 ABHD14A	K13706
ENSG00000105479	0.299634	0.559845	0.824298	1 CCDC114	-
ENSG00000143429	0.299634	0.559845	0.824298	1 AC027612.6	K14957
ENSG00000175018	0.299634	0.559845	0.824298	1 TEX36	-
ENSG00000196998	0.299634	0.559845	0.824298	1 WDR45	-
ENSG00000263013	0.299634	0.559845	0.824298	1 RP11-876N24.5	-
ENSG00000269089	0.299634	0.559845	0.824298	1 AP003733.1	K06115
ENSG00000118096	-0.280968	0.634607	0.824298	1 IFT46	K19682
ENSG00000135100	-0.280968	0.634607	0.824298	1 HNF1A	K08036
ENSG00000139899	-0.280968	0.634607	0.824298	1 CBLN3	-
ENSG00000244490	-0.280968	0.634607	0.824298	1 RWDD4P1	-
ENSG00000112425	-0.222476	0.601334	0.824298	1 EPM2A	K14165
ENSG00000136867	-0.222476	0.601334	0.824298	1 SLC31A2	K14687
ENSG00000213742	-0.222476	0.601334	0.824298	1 ZNF337-AS1	-
ENSG00000227906	-0.222476	0.601334	0.824298	1 SNAP25-AS1	-
ENSG00000237289	-0.222476	0.601334	0.824298	1 CKMT1B	-
ENSG00000122406	0.145151	10.5663	0.824353	1 RPL5	K02932
ENSG00000115641	-0.145833	7.879035	0.824409	1 FHL2	K14380
ENSG00000204070	0.150878	4.514427	0.824447	1 SYS1	K17776
ENSG00000126581	-0.148518	5.496703	0.824457	1 BECN1	K08334
ENSG00000089248	0.145529	8.26695	0.824465	1 ERP29	K09586
ENSG00000148110	0.146937	6.483859	0.824511	1 HIATL1	-
ENSG00000171161	-0.152367	4.719574	0.824537	1 ZNF672	K09228
ENSG00000126653	-0.14958	5.748155	0.824563	1 NSRP1	K13206
ENSG00000066933	0.154256	4.075747	0.824633	1 MYO9A	K10360
ENSG00000070915	0.154256	4.075747	0.824633	1 SLC12A3	K14426
ENSG00000081026	0.154256	4.075747	0.824633	1 MAGI3	K06112
ENSG00000100784	0.164107	2.519144	0.824692	1 RPS6KA5	K04445
ENSG00000168310	0.151069	4.461631	0.824754	1 IRF2	K10153
ENSG00000103351	-0.152415	4.768635	0.824827	1 CLUAP1	K19684
ENSG00000116922	-0.150452	4.854457	0.824845	1 C1orf109	-
ENSG00000213683	-0.164772	2.908848	0.82486	1 AC002056.3	K11092
ENSG00000105287	0.148302	4.936002	0.824861	1 PRKD2	K06070
ENSG00000197771	-0.145881	7.276686	0.824873	1 MCMBP	-
ENSG00000159842	0.148624	5.354852	0.824928	1 ABR	K08878
ENSG00000175595	-0.165662	3.448164	0.824994	1 ERCC4	K10848
ENSG00000185596	0.15816	3.659303	0.825024	1 WASH3P	K18461
ENSG00000136937	-0.146454	6.617984	0.825079	1 NCBP1	K12882
ENSG00000153406	-0.146411	6.561567	0.825226	1 NMRAL1	K05610
ENSG00000158104	-0.146377	6.479959	0.825412	1 HPD	K00457
ENSG00000070761	-0.148615	5.450345	0.825446	1 C16orf80	-
ENSG00000270081	-0.155591	4.224314	0.825465	1 RP5-935K16.1	-
ENSG00000072415	-0.146546	6.350598	0.825476	1 MPP5	K06091
ENSG00000175063	-0.145965	6.72253	0.82549	1 UBE2C	K06688
ENSG00000079332	0.144714	8.132037	0.825503	1 SAR1A	K07953
ENSG00000165169	0.146247	6.355752	0.825552	1 DYNLT3	K10420
ENSG00000137073	-0.146868	5.479125	0.825604	1 UBAP2	-
ENSG00000066084	0.146129	6.173199	0.825625	1 DIP2B	-
ENSG00000186076	0.166884	3.558499	0.825625	1 RP11-887P2.3	K01834
ENSG00000071894	-0.163556	3.074158	0.825769	1 CPSF1	K14401

ENSG00000198742	-0.149898	4.948297	0.825816	1 SMURF1	K04678
ENSG00000054611	0.147984	4.862483	0.825856	1 TBC1D22A	-
ENSG00000105612	-0.145306	6.998901	0.825881	1 DNASE2	K01158
ENSG00000125868	0.144201	8.564553	0.825913	1 DSTN	K10363
ENSG00000175322	0.186573	2.286524	0.825977	1 ZNF519	K09228
ENSG00000261799	0.186573	2.286524	0.825977	1 RP11-283I3.6	-
ENSG00000159556	-0.183129	2.30092	0.825977	1 ISL2	K18492
ENSG00000124549	0.167252	2.296235	0.825977	1 BTN2A3P	K06712
ENSG00000112541	0.149655	5.062204	0.825982	1 PDE10A	K18438
ENSG00000011295	-0.148634	5.665085	0.825982	1 TTC19	K18169
ENSG00000118804	-0.218205	1.703729	0.825983	1 FAM47E-STBD1	-
ENSG00000228989	-0.218205	1.703729	0.825983	1 AC133528.2	-
ENSG00000261706	-0.218205	1.703729	0.825983	1 AP001505.9	-
ENSG00000049759	0.147972	5.363406	0.826	1 NEDD4L	K13305
ENSG00000258289	0.145159	6.01254	0.826027	1 CHURC1	K09228
ENSG00000102189	-0.147404	4.988882	0.826028	1 EEA1	K12478
ENSG00000011304	0.144104	8.540239	0.826038	1 PTBP1	K13218
ENSG00000154473	-0.144278	8.146745	0.826087	1 BUB3	K02180
ENSG00000156787	-0.148081	5.642452	0.826144	1 TBC1D31	-
ENSG00000140307	-0.145275	6.828133	0.82615	1 GTF2A2	K03123
ENSG00000060339	-0.144758	7.16569	0.826329	1 CCAR1	K11978
ENSG00000203791	-0.150708	4.781434	0.826432	1 METTL10	-
ENSG00000130958	-0.155357	4.421278	0.826452	1 SLC35D2	K15281
ENSG00000267100	0.154247	3.939394	0.826478	1 ILF3-AS1	-
ENSG00000197892	0.164221	3.206016	0.826502	1 KIF13B	K17914
ENSG00000063176	-0.153602	3.21755	0.826502	1 SPHK2	K04718
ENSG00000244398	0.143706	8.555364	0.826506	1 RP11-466H18.1	K02929
ENSG00000155561	-0.144332	7.486746	0.826507	1 NUP205	K14310
ENSG00000103275	-0.144181	7.588393	0.826596	1 UBE2I	K10577
ENSG00000128534	-0.144591	6.314716	0.826692	1 NAA38	K12627
ENSG00000038358	-0.148607	5.371022	0.826708	1 EDC4	K12616
ENSG00000141424	-0.144954	6.684265	0.826749	1 SLC39A6	K14712
ENSG00000169188	-0.146921	5.596091	0.826786	1 APEX2	K10772
ENSG00000116138	-0.162622	3.578602	0.826841	1 DNAJC16	K09536
ENSG00000135473	-0.148075	4.872515	0.826855	1 PAN2	K12571
ENSG00000138119	0.143607	8.008465	0.826889	1 MYOF	K18261
ENSG00000100065	-0.146434	5.857268	0.826894	1 CARD10	-
ENSG00000130758	-0.149284	4.995772	0.826945	1 MAP3K10	K04418
ENSG00000135842	0.146306	5.570591	0.826969	1 FAM129A	-
ENSG00000113282	-0.144393	6.956836	0.827019	1 CLINT1	K12471
ENSG00000066651	-0.150309	5.10932	0.827021	1 TRMT11	K15430
ENSG00000188352	0.144615	5.516972	0.827038	1 FOCAD	-
ENSG00000084733	0.144087	7.035028	0.827125	1 RAB10	K07903
ENSG00000157036	-0.1784	2.545889	0.827137	1 EXOG	K15050
ENSG00000086598	-0.143166	8.618892	0.827177	1 TMED2	K14809
ENSG00000116396	-0.150537	4.487223	0.827376	1 KCNC4	-
ENSG00000161013	-0.1439	7.098527	0.827427	1 MGAT4B	K00738
ENSG00000130363	0.166049	3.071566	0.827465	1 RSPH3	K17985
ENSG00000198837	-0.14538	5.703442	0.827518	1 DENND4B	-
ENSG00000121064	0.146334	5.493785	0.827559	1 SCPEP1	K09646
ENSG00000152464	-0.148709	5.041735	0.827561	1 RPP38	K14523
ENSG00000072210	-0.144526	6.478983	0.827608	1 ALDH3A2	K00128
ENSG00000175348	-0.14485	5.797062	0.827632	1 TMEM9B	-
ENSG00000166025	0.145978	5.925687	0.827659	1 AMOTL1	K06104
ENSG00000075336	-0.152891	4.83617	0.82767	1 TIMM21	K17796
ENSG00000110717	-0.144199	6.656298	0.82769	1 NDUFS8	K03941
ENSG00000179348	0.143843	6.755251	0.827766	1 GATA2	K17894
ENSG00000102024	-0.153064	4.242932	0.827774	1 PLS3	K17336

ENSG00000145495	0.142591	8.488139	0.82786	1	6-Mar	K10661
ENSG00000226742	-0.145522	5.606924	0.827985	1	HSBP1L1	-
ENSG00000203965	-0.153097	4.31076	0.828025	1	EFCAB7	-
ENSG00000100429	0.15779	3.577145	0.82804	1	HDAC10	K18671
ENSG00000174579	0.143549	6.141218	0.828042	1	MSL2	K13164
ENSG00000116675	-0.144687	5.190766	0.828129	1	DNAJC6	K09526
ENSG00000145494	-0.142694	7.88611	0.828136	1	NDUFS6	K03939
ENSG00000185085	0.146159	4.964399	0.828158	1	INTS5	K13142
ENSG00000143799	-0.142192	9.059068	0.828178	1	PARP1	K10798
ENSG00000120314	0.147393	5.580714	0.828188	1	WDR55	-
ENSG00000134291	0.142439	8.070829	0.828243	1	TMEM106C	-
ENSG00000145780	0.147115	5.257258	0.828373	1	FEM1C	-
ENSG00000104067	-0.144302	6.071835	0.828406	1	TJP1	K05701
ENSG00000198876	0.144492	6.162207	0.828513	1	DCAF12	K11803
ENSG00000148985	-0.146573	5.418932	0.828555	1	PGAP2	-
ENSG00000133488	0.168279	2.923291	0.828623	1	SEC14L4	K17981
ENSG00000115657	0.156019	2.929384	0.828623	1	ABCB6	K05661
ENSG00000090863	0.14293	6.896023	0.828666	1	GLG1	K06816
ENSG00000182446	0.142443	7.392166	0.828718	1	NPLOC4	K14015
ENSG00000099326	0.147237	4.703153	0.82875	1	MZF1	K09221
ENSG00000131797	0.182882	2.322151	0.828783	1	CLUHP3	K03255
ENSG00000151572	-0.177569	2.335909	0.828783	1	ANO4	K19499
ENSG00000145194	-0.145699	5.36039	0.829049	1	ECE2	K01415
ENSG00000158773	-0.145699	5.36039	0.829049	1	USF1	K09106
ENSG00000103035	-0.142344	7.160503	0.829203	1	PSMD7	K03038
ENSG00000230291	0.156576	3.591794	0.829222	1	RP11-244J10.1	K02898
ENSG00000233461	0.156576	3.591794	0.829222	1	RP11-295G20.2	-
ENSG00000167674	0.14258	6.783805	0.829227	1	HDGFRP2	-
ENSG00000139505	0.148823	4.890861	0.829304	1	MTMR6	K18083
ENSG00000038210	-0.147169	4.758934	0.829433	1	PI4K2B	-
ENSG00000078304	0.14264	6.581015	0.829449	1	PPP2R5C	K11584
ENSG00000105723	0.144544	6.002306	0.829485	1	GSK3A	K08822
ENSG00000168993	-0.159626	2.567642	0.829515	1	CPLX1	K15294
ENSG00000184990	0.142184	6.322128	0.829543	1	SIVA1	-
ENSG00000107175	-0.146113	5.671121	0.829597	1	CREB3	K09048
ENSG00000114857	-0.14449	5.670261	0.829597	1	NKTR	K12740
ENSG00000146242	-0.142458	6.743555	0.829619	1	TPBG	-
ENSG00000074800	0.140588	11.44076	0.829726	1	ENO1	K01689
ENSG00000151247	-0.143689	5.621242	0.829753	1	EIF4E	K03259
ENSG00000185818	0.146088	5.270962	0.829869	1	NAT8L	K18309
ENSG00000092098	0.152802	3.884022	0.829976	1	RNF31	K11974
ENSG00000140853	0.144913	4.981172	0.829987	1	NLRC5	-
ENSG00000173473	0.141953	6.770197	0.829991	1	SMARCC1	K11649
ENSG00000119402	-0.142665	6.294763	0.830007	1	FBXW2	K10261
ENSG00000155760	-0.158826	2.774106	0.830044	1	FZD7	K02432
ENSG00000227063	0.141125	7.693973	0.830046	1	RPL41P1	K02928
ENSG00000162144	0.143815	5.74601	0.830052	1	CYB561A3	K16295
ENSG00000106628	-0.141137	7.765821	0.830075	1	POLD2	K02328
ENSG00000116251	0.140606	8.670649	0.830153	1	RPL22	K02891
ENSG00000103415	-0.142065	5.818969	0.830209	1	HMOX2	K00510
ENSG00000062716	0.140813	7.960276	0.830243	1	VMP1	-
ENSG00000103264	0.1453	4.898249	0.830264	1	FBXO31	K10308
ENSG00000214063	-0.142422	6.357575	0.830334	1	TSPAN4	K17294
ENSG00000198728	0.146626	5.489885	0.830353	1	LDB1	K15617
ENSG00000184271	-0.151683	3.603891	0.830389	1	POU6F1	K09368
ENSG00000138668	-0.140555	8.293389	0.830437	1	HNRNPD	K13044
ENSG00000134049	0.14195	6.471038	0.830446	1	IER3IP1	-
ENSG00000060069	0.146101	5.208244	0.830474	1	CTDP1	K15732

ENSG00000126461	-0.14205	6.498512	0.830509	1 SCAF1	-
ENSG00000244687	0.154775	3.700432	0.830594	1 UBE2V1	K10704
ENSG00000156858	-0.153687	4.203037	0.830635	1 PRR14	-
ENSG00000072062	0.145286	4.85796	0.83066	1 PRKACA	K04345
ENSG00000198786	0.139806	11.15989	0.830675	1 MT-ND5	K03883
ENSG00000076604	-0.140855	7.418721	0.830705	1 TRAF4	K09848
ENSG00000056736	-0.15774	3.11509	0.830759	1 IL17RB	K05165
ENSG00000025434	0.144504	4.98672	0.830887	1 NR1H3	K08536
ENSG00000142546	-0.141568	6.562975	0.830968	1 NOSIP	K13125
ENSG00000143889	-0.141764	5.996271	0.83101	1 HNRNPLL	K13159
ENSG00000106330	0.151184	3.248448	0.831012	1 MOSPD3	-
ENSG00000119471	-0.141276	6.746419	0.831018	1 HSDL2	-
ENSG00000117758	-0.146899	3.979457	0.831068	1 STX12	K13813
ENSG00000167566	-0.145723	5.144431	0.831136	1 NCKAP5L	K17985
ENSG00000137221	0.143529	5.143922	0.831136	1 TJAP1	K06105
ENSG00000124788	0.146867	4.51637	0.831166	1 ATXN1	-
ENSG00000168887	0.145747	5.180681	0.83119	1 C2orf68	K17985
ENSG00000172663	-0.152259	4.063185	0.831191	1 TMEM134	-
ENSG00000181218	-0.149053	3.386307	0.831219	1 HIST3H2A	K11251
ENSG00000154920	-0.14413	5.250702	0.831292	1 EME1	K10882
ENSG00000118680	0.139548	8.992823	0.83131	1 MYL12B	K12757
ENSG00000104980	-0.140686	6.058753	0.831318	1 TIMM44	K17804
ENSG00000113649	-0.140507	7.218457	0.831323	1 TCERG1	K12824
ENSG00000057294	-0.146687	4.994391	0.831334	1 PKP2	K12642
ENSG00000174684	-0.146687	4.994391	0.831334	1 B3GNT1	K00741
ENSG00000006453	-0.14155	6.372995	0.831339	1 BAIAP2L1	K01557
ENSG00000179532	0.141868	5.554806	0.831379	1 DNHD1	-
ENSG00000114859	-0.149438	3.506918	0.831393	1 CLCN2	K05011
ENSG00000273290	-0.149764	3.618213	0.83154	1 CTC-297N7.8	-
ENSG00000129810	-0.144362	4.343449	0.831574	1 SGOL1	K11580
ENSG00000013375	0.140974	6.442558	0.831653	1 PGM3	K01836
ENSG00000196453	0.153689	3.713885	0.831666	1 ZNF777	K09228
ENSG00000180992	-0.141375	6.174923	0.831863	1 MRPL14	K02874
ENSG00000185475	0.145688	3.898891	0.831872	1 TMEM179B	K03131
ENSG00000004866	0.145745	5.113818	0.831899	1 ST7	-
ENSG00000141577	-0.141818	5.115638	0.831899	1 AZI1	K16540
ENSG00000152558	-0.139197	8.216211	0.832096	1 TMEM123	-
ENSG00000196411	-0.140152	6.886734	0.832152	1 EPHB4	K05113
ENSG00000168591	0.146581	4.958764	0.832188	1 TMUB2	-
ENSG00000162636	0.141591	5.966255	0.832312	1 FAM102B	K11339
ENSG00000110880	0.139275	7.601861	0.832316	1 CORO1C	K13886
ENSG00000076984	-0.143057	5.695008	0.832373	1 MAP2K7	K04431
ENSG00000130706	0.139769	6.898955	0.832419	1 ADRM1	-
ENSG00000196455	-0.141193	5.83825	0.832463	1 PIK3R4	K08333
ENSG00000122566	-0.138345	10.35055	0.832503	1 HNRNPA2B1	K13158
ENSG00000182247	0.147632	4.785016	0.832549	1 UBE2E2	K06689
ENSG00000158545	0.139744	6.069182	0.832591	1 ZC3H18	K13092
ENSG00000128692	-0.145022	4.963815	0.83264	1 EIF2S2P4	K03238
ENSG00000091009	-0.142646	5.298257	0.832784	1 RBM27	K13193
ENSG00000099817	0.139009	7.403858	0.832795	1 POLR2E	K03013
ENSG00000144136	-0.139026	7.505706	0.832801	1 SLC20A1	K14640
ENSG00000171953	0.150938	3.907626	0.832804	1 ATPAF2	K07556
ENSG00000117425	-0.33718	0.667029	0.832809	1 PTCH2	K11101
ENSG00000138380	-0.33718	0.667029	0.832809	1 CARF	-
ENSG00000146021	-0.33718	0.667029	0.832809	1 KLHL3	K10443
ENSG00000166823	-0.33718	0.667029	0.832809	1 MESP1	K09076
ENSG00000180673	-0.33718	0.667029	0.832809	1 EXOC5P1	-
ENSG00000205918	-0.33718	0.667029	0.832809	1 PDPK2	K06276

ENSG00000227258	-0.33718	0.667029	0.832809	1 SMIM2-AS1	-
ENSG00000260456	-0.33718	0.667029	0.832809	1 C16orf95	-
ENSG00000271980	-0.33718	0.667029	0.832809	1 CTD-2256P15.4	-
ENSG00000099219	0.139247	7.084348	0.832824	1 ERMP1	K04590
ENSG00000076067	-0.155907	3.996133	0.832837	1 RBMS2	-
ENSG00000131943	-0.155907	3.996133	0.832837	1 C19orf12	-
ENSG00000172992	-0.151012	4.149681	0.832891	1 DCAKD	-
ENSG00000227232	-0.151012	4.149681	0.832891	1 WASH7P	K18461
ENSG00000125354	-0.141559	5.623912	0.832895	1	6-Sep K16939
ENSG00000108468	-0.139527	6.873715	0.832913	1 CBX1	K11585
ENSG00000165943	0.147816	4.221702	0.832914	1 MOAP1	K12581
ENSG00000170382	0.147816	4.221702	0.832914	1 LRRN2	-
ENSG00000178149	0.150629	4.415084	0.83297	1 DALRD3	-
ENSG00000185361	-0.14451	4.533344	0.833	1 TNFAIP8L1	K17985
ENSG00000160606	-0.145495	4.694371	0.833037	1 TLCDC1	-
ENSG00000137831	-0.140968	6.272263	0.833053	1 UACA	-
ENSG00000148308	0.139539	6.491171	0.833275	1 GTF3C5	K15202
ENSG00000105229	0.144326	5.199914	0.833509	1 PIAS4	K16065
ENSG00000187531	0.141841	5.201111	0.833509	1 SIRT7	K11417
ENSG00000139835	0.140551	4.794563	0.833562	1 GRTP1	-
ENSG00000166333	-0.141431	4.699422	0.833577	1 ILK	K06272
ENSG00000181029	-0.145045	4.157016	0.833675	1 TRAPPC5	K10840
ENSG00000034063	-0.139072	6.690241	0.833724	1 UHRF1	-
ENSG00000169499	-0.139522	5.682264	0.833734	1 PLEKHA2	K17985
ENSG00000116990	0.144759	3.829615	0.833747	1 MYCL	K09110
ENSG00000179294	-0.139791	6.244788	0.833791	1 C17orf96	-
ENSG00000100802	0.160529	3.631215	0.833795	1 C14orf93	-
ENSG00000188997	-0.162604	3.411495	0.833855	1 KCTD21	-
ENSG00000243667	-0.162604	3.411495	0.833855	1 WDR92	K17985
ENSG00000144029	-0.138497	7.090212	0.833861	1 MRPS5	K02988
ENSG00000149600	-0.143124	5.240303	0.833876	1 COMMD7	-
ENSG00000118200	-0.142354	5.829027	0.833943	1 CAMSAP2	K17493
ENSG00000179562	-0.14415	5.056287	0.833948	1 GCC1	-
ENSG00000213904	-0.264818	1.321827	0.833964	1 LIPE-AS1	-
ENSG00000270362	-0.264818	1.321827	0.833964	1 HMGN3-AS1	-
ENSG00000270055	-0.230193	1.301974	0.833964	1 CTD-3092A11.2	-
ENSG00000272593	0.190044	1.293491	0.833964	1 RP11-339B21.11	-
ENSG00000159433	0.15233	2.974814	0.833976	1 STARD9	K16491
ENSG00000100811	0.137926	7.485216	0.834015	1 YY1	K09201
ENSG00000113811	-0.145756	4.890351	0.834021	1 SELK	K09228
ENSG00000259032	0.166383	2.809102	0.834026	1 ENSAP2	-
ENSG00000147912	-0.183207	2.612126	0.83408	1 FBXO10	K10296
ENSG00000204745	-0.183207	2.612126	0.83408	1 AC083899.3	K03348
ENSG00000267796	0.171846	2.600651	0.83408	1 LIN37	-
ENSG00000078618	0.137675	7.761239	0.834107	1 NRD1	K01411
ENSG00000100031	0.140816	5.40336	0.834149	1 GGT1	K18592
ENSG00000184983	0.201738	1.748114	0.834171	1 NDUFA6	K03950
ENSG00000091157	-0.196271	2.101084	0.834179	1 WDR7	-
ENSG00000147955	0.137588	7.756579	0.834214	1 SIGMAR1	-
ENSG00000143153	-0.137377	8.169948	0.834292	1 ATP1B1	K01540
ENSG00000167962	0.13786	7.194502	0.834359	1 ZNF598	-
ENSG00000196419	-0.136894	9.546268	0.834369	1 XRCC6	K10884
ENSG00000078403	-0.142961	5.554733	0.834369	1 MLLT10	K06630
ENSG00000141971	-0.142747	5.526485	0.83439	1 MVB12A	K12186
ENSG00000091164	-0.13843	5.810409	0.834453	1 TXNL1	-
ENSG00000058453	-0.143245	4.091655	0.834507	1 CROCC	K16469
ENSG00000240344	0.143011	4.847336	0.834526	1 PPIL3	K12734
ENSG00000119685	0.148961	4.00651	0.834569	1 TTLL5	K16602

ENSG00000150977	-0.147803	4.015148	0.834569	1 RILPL2	-
ENSG00000173852	0.140387	5.922787	0.8346	1 DPY19L1	-
ENSG00000105321	0.143724	4.704853	0.834647	1 CCDC9	-
ENSG00000244716	0.137047	7.994386	0.834709	1 RP11-20O24.4	K02880
ENSG00000213866	-0.147035	3.842547	0.834716	1 YBX1P10	K09276
ENSG00000067606	0.144696	3.743794	0.834802	1 PRKCZ	K18952
ENSG00000184349	0.144696	3.743794	0.834802	1 EFNA5	K05462
ENSG00000174227	-0.145822	4.493045	0.834852	1 PIGG	K05310
ENSG00000093167	0.140313	5.903122	0.834853	1 LRRFIP2	-
ENSG00000009335	0.137795	6.79529	0.8349	1 UBE3C	K10589
ENSG00000065548	-0.137813	6.899649	0.834916	1 ZC3H15	-
ENSG00000125484	-0.139387	6.219721	0.834934	1 GTF3C4	K11310
ENSG00000206195	-0.152613	3.541268	0.835013	1 AP000525.9	-
ENSG00000165209	-0.137509	5.928094	0.835059	1 STRBP	K13200
ENSG00000142544	-0.152513	3.423622	0.835143	1 CTU1	K14168
ENSG00000255150	0.146881	3.418171	0.835143	1 EID3	-
ENSG00000015475	-0.142911	4.714532	0.835177	1 BID	K04726
ENSG00000132561	0.13937	5.616035	0.835187	1 MATN2	-
ENSG00000133983	-0.145284	5.068096	0.835199	1 COX16	K18182
ENSG00000173083	-0.142517	4.663558	0.835241	1 HPSE	K07964
ENSG00000128283	0.136999	7.324483	0.835259	1 CDC42EP1	-
ENSG00000109805	-0.137438	6.86623	0.835407	1 NCAPG	K06678
ENSG00000137504	-0.136847	7.45116	0.835446	1 CREBZF	-
ENSG00000141664	-0.14482	4.500804	0.835465	1 ZCCHC2	-
ENSG00000196363	-0.138032	6.375647	0.835509	1 WDR5	K14963
ENSG00000061273	-0.137516	6.723391	0.835523	1 HDAC7	K11408
ENSG00000005073	-0.152072	2.999068	0.835687	1 HOXA11	K09296
ENSG00000011009	-0.140839	5.725978	0.83585	1 LYPLA2	K06130
ENSG00000184731	-0.163706	2.830827	0.835948	1 FAM110C	K13194
ENSG00000115159	-0.13936	5.777227	0.83602	1 GPD2	K00111
ENSG00000140992	0.14399	4.502903	0.836073	1 PDPK1	K06276
ENSG00000243646	0.140962	5.035712	0.836096	1 IL10RB	K05135
ENSG00000065135	-0.135968	7.931554	0.836116	1 GNAI3	K04630
ENSG00000063245	-0.136489	7.137679	0.836195	1 EPN1	K12471
ENSG00000171148	-0.137329	6.042893	0.836211	1 TADA3	K11315
ENSG00000115107	0.139176	5.512172	0.836245	1 STEAP3	K10142
ENSG00000132846	-0.151495	4.028679	0.836267	1 ZBED3	-
ENSG00000101751	0.169174	2.629362	0.836273	1 POLI	K03510
ENSG00000224930	-0.144902	4.672191	0.836327	1 LINC00162	-
ENSG00000082213	-0.137294	6.373008	0.836391	1 C5orf22	-
ENSG00000122042	-0.138885	5.572342	0.836426	1 UBL3	-
ENSG00000008869	0.148253	3.942321	0.836433	1 HEATR5B	-
ENSG00000070501	-0.144571	4.619671	0.836436	1 POLB	K02330
ENSG00000113068	-0.137251	6.198399	0.836495	1 PFDN1	K09548
ENSG00000228589	-0.139546	5.193156	0.836581	1 SPCS2P4	K12947
ENSG00000133265	-0.137322	5.629237	0.836593	1 HSPBP1	K09562
ENSG00000226562	0.176028	2.39086	0.836688	1 CYP4F26P	-
ENSG00000106617	-0.167247	2.403458	0.836688	1 PRKAG2	K07200
ENSG00000173480	0.158143	2.399853	0.836688	1 ZNF417	K09228
ENSG00000185627	-0.136514	6.676176	0.836787	1 PSMD13	K03039
ENSG00000180233	0.143922	4.449678	0.836813	1 ZNRF2	K10694
ENSG00000100625	-0.140778	4.67732	0.836865	1 SIX4	K15615
ENSG00000137288	-0.137104	5.232156	0.83687	1 UQCC2	K17682
ENSG00000100906	-0.136747	6.182799	0.836914	1 NFKBIA	K04734
ENSG00000111276	0.136578	6.386997	0.83697	1 CDKN1B	K06624
ENSG00000114554	-0.137246	5.988017	0.836988	1 PLXNA1	K06820
ENSG00000101911	-0.136671	6.403876	0.837071	1 PRPS2	K00948
ENSG00000189423	-0.17017	2.130374	0.837235	1 USP32P3	K11837

ENSG00000110723	0.164008	2.116078	0.837235	1 EXPH5	-
ENSG00000131470	0.139695	5.197531	0.83733	1 PSMC3IP	K06695
ENSG00000137802	0.140673	4.188459	0.837485	1 MAPKBP1	-
ENSG00000181045	0.140673	4.188459	0.837485	1 SLC26A11	K14708
ENSG00000155189	-0.139089	5.272405	0.8375	1 AGPAT5	K19007
ENSG00000211456	-0.139089	5.272405	0.8375	1 SACM1L	-
ENSG00000007392	-0.137785	5.789959	0.837522	1 LUC7L	-
ENSG00000141027	-0.13611	6.491242	0.837578	1 NCOR1	K04650
ENSG00000127445	0.13558	5.971848	0.837698	1 PIN1	K09578
ENSG00000136897	-0.136482	6.016733	0.837789	1 MRPL50	K17431
ENSG00000214975	0.15113	2.840478	0.837826	1 PPIAP29	K03767
ENSG00000116863	0.136227	5.498647	0.837831	1 ADPRHL2	K11687
ENSG00000110066	0.138878	4.520248	0.837872	1 SUV420H1	K11429
ENSG00000148730	0.136428	6.154199	0.837972	1 EIF4EBP2	K18644
ENSG00000171790	-0.199305	1.806924	0.837983	1 SLFNL1	-
ENSG00000006530	0.195822	1.799603	0.837983	1 AGK	K09881
ENSG00000177542	-0.137796	5.865573	0.838035	1 SLC25A22	K15107
ENSG00000170037	-0.139551	5.092697	0.838046	1 CNTROB	K16468
ENSG00000089157	0.133604	11.28863	0.838072	1 RPLP0	K02941
ENSG00000107581	0.133823	8.770056	0.83821	1 EIF3A	K03254
ENSG00000197323	0.134948	6.837332	0.838233	1 TRIM33	K08883
ENSG00000171302	0.13539	6.373295	0.838408	1 CANT1	K12304
ENSG00000154582	-0.134845	6.905888	0.83844	1 TCEB1	K03872
ENSG00000090661	-0.158886	3.179452	0.838473	1 CERS4	K04710
ENSG00000005059	0.157338	3.172505	0.838473	1 CCDC109B	-
ENSG00000106701	-0.148626	3.57102	0.838483	1 FSD1L	-
ENSG00000137103	-0.148626	3.57102	0.838483	1 TMEM8B	-
ENSG00000168894	0.138492	5.798198	0.838509	1 RNF181	-
ENSG00000123374	-0.134288	7.430488	0.838515	1 CDK2	K02206
ENSG00000131941	0.136338	5.280036	0.838557	1 RHPN2	-
ENSG00000101596	-0.134798	6.785904	0.838663	1 SMCHD1	-
ENSG00000139546	-0.13742	5.507342	0.838734	1 TARBP2	K18420
ENSG00000104886	-0.137059	5.871575	0.838736	1 PLEKHJ1	-
ENSG00000082068	-0.135191	6.407499	0.838824	1 WDR70	-
ENSG00000122696	0.1529	3.446507	0.83889	1 SLC25A51	K17675
ENSG00000176463	-0.138912	4.205285	0.838962	1 SLCO3A1	K14353
ENSG00000138107	0.134122	7.043659	0.838971	1 ACTR1A	K16575
ENSG00000142327	0.135845	5.352714	0.838994	1 RNPEPL1	K09605
ENSG00000166233	0.134608	6.563463	0.839023	1 ARIH1	K11968
ENSG00000151746	-0.139847	4.936865	0.839043	1 BICD1	K18739
ENSG00000122547	0.220806	1.344091	0.839045	1 EEPD1	-
ENSG00000250320	0.220806	1.344091	0.839045	1 CTD-2269F5.1	-
ENSG00000125864	0.182504	1.36357	0.839045	1 BFSP1	K10378
ENSG00000128563	0.182504	1.36357	0.839045	1 PRKRIP1	K09228
ENSG00000010256	0.133237	8.38027	0.83906	1 UQCRC1	K00414
ENSG00000122965	-0.134853	5.022951	0.839145	1 RBM19	K14787
ENSG00000010810	0.133517	7.634	0.839155	1 FYN	K05703
ENSG00000133401	0.172839	2.424021	0.839163	1 PDZD2	-
ENSG00000141391	-0.146709	2.427398	0.839163	1 SLMO1	-
ENSG00000160799	0.142185	4.473588	0.839278	1 CCDC12	K12871
ENSG00000198408	0.133418	7.559422	0.83933	1 MGEA5	K15719
ENSG00000172244	-0.135411	5.94527	0.839385	1 C5orf34	-
ENSG00000103266	-0.133896	7.03047	0.83941	1 STUB1	K09561
ENSG0000015532	-0.135645	5.628352	0.839443	1 XYLT2	K00771
ENSG00000105171	-0.135479	5.390998	0.83952	1 POP4	K03538
ENSG00000248527	0.13273	8.500373	0.839616	1 MTATP6P1	K02126
ENSG00000226084	0.138544	5.107482	0.83963	1 RP4-706A16.3	K02880
ENSG00000095319	-0.134195	6.622927	0.839631	1 NUP188	K14311

ENSG00000040633	-0.134594	6.35117	0.839643	1 PHF23	-
ENSG00000177156	0.133313	7.330476	0.839648	1 TALDO1	K00616
ENSG00000174151	-0.171779	2.861545	0.839662	1 CYB561D1	-
ENSG00000197879	0.132843	7.87998	0.839793	1 MYO1C	K10356
ENSG00000103363	0.13308	7.446217	0.839824	1 TCEB2	K03873
ENSG00000106211	0.132209	9.53767	0.839939	1 HSPB1	K04455
ENSG00000136715	0.135427	5.293527	0.839944	1 SAP130	K19192
ENSG00000181938	-0.140584	4.70615	0.840019	1 GINS3	-
ENSG00000100979	-0.536946	-0.330685	0.840166	1 PLTP	K08761
ENSG00000114670	-0.536946	-0.330685	0.840166	1 NEK11	K08857
ENSG00000130711	-0.536946	-0.330685	0.840166	1 PRDM12	-
ENSG00000159714	-0.536946	-0.330685	0.840166	1 ZDHHC1	K18932
ENSG00000170379	-0.536946	-0.330685	0.840166	1 FAM115C	-
ENSG00000172478	-0.536946	-0.330685	0.840166	1 C2orf54	K00757
ENSG00000176472	-0.536946	-0.330685	0.840166	1 ZNF575	K17725
ENSG00000177483	-0.536946	-0.330685	0.840166	1 RBM44	-
ENSG00000179528	-0.536946	-0.330685	0.840166	1 LBX2	K09353
ENSG00000203836	-0.536946	-0.330685	0.840166	1 NBPF24	-
ENSG00000213225	-0.536946	-0.330685	0.840166	1 AC018804.7	K14833
ENSG00000227496	-0.536946	-0.330685	0.840166	1 RP11-145A3.1	-
ENSG00000228307	-0.536946	-0.330685	0.840166	1 OR2S1P	K04257
ENSG00000234290	-0.536946	-0.330685	0.840166	1 AC116366.6	-
ENSG00000242445	-0.536946	-0.330685	0.840166	1 RPL7AP11	K02936
ENSG00000256885	-0.536946	-0.330685	0.840166	1 AP001877.1	-
ENSG00000258568	-0.536946	-0.330685	0.840166	1 RHOQP1	K07194
ENSG00000259715	-0.536946	-0.330685	0.840166	1 CTD-3110H11.1	-
ENSG00000261533	-0.536946	-0.330685	0.840166	1 RP11-15N24.4	-
ENSG00000261889	-0.536946	-0.330685	0.840166	1 RP11-473M20.16	-
ENSG00000266992	-0.536946	-0.330685	0.840166	1 DHX40P1	K18711
ENSG00000267913	-0.536946	-0.330685	0.840166	1 AP001055.1	-
ENSG00000100100	0.446749	-0.364163	0.840166	1 PIK3IP1	K12581
ENSG00000115602	0.446749	-0.364163	0.840166	1 IL1RL1	K05171
ENSG00000164532	0.446749	-0.364163	0.840166	1 TBX20	K10185
ENSG00000180764	0.446749	-0.364163	0.840166	1 PIPSL	K00889
ENSG00000205639	0.446749	-0.364163	0.840166	1 MFSD2B	-
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ENSG00000232648	0.446749	-0.364163	0.840166	1 RP11-367N14.2	-
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ENSG00000049249	-0.413226	-0.399295	0.840166	1 TNFRSF9	K05146
ENSG00000105650	-0.413226	-0.399295	0.840166	1 PDE4C	K13293
ENSG00000126500	-0.413226	-0.399295	0.840166	1 FLRT1	K16362
ENSG00000136040	-0.413226	-0.399295	0.840166	1 PLXNC1	K06572
ENSG00000144642	-0.413226	-0.399295	0.840166	1 RBMS3	-
ENSG00000157306	-0.413226	-0.399295	0.840166	1 RP11-66N24.4	-
ENSG00000179304	-0.413226	-0.399295	0.840166	1 FAM156B	-
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ENSG00000198326	-0.413226	-0.399295	0.840166	1 TMEM239	-
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ENSG00000224046	-0.413226	-0.399295	0.840166	1 AC005076.5	-
ENSG00000228486	-0.413226	-0.399295	0.840166	1 LINC01125	-
ENSG00000260633	-0.413226	-0.399295	0.840166	1 RP11-375I20.6	-
ENSG00000260833	-0.413226	-0.399295	0.840166	1 AC124789.1	-
ENSG00000272899	-0.413226	-0.399295	0.840166	1 RP11-309L24.9	-

ENSG00000273055	-0.413226	-0.399295	0.840166	1 CTB-13F3.1	-
ENSG00000138336	-0.164276	2.169694	0.840181	1 TET1	K13097
ENSG00000188283	-0.164276	2.169694	0.840181	1 ZNF383	K09228
ENSG00000110344	0.160487	2.156094	0.840181	1 UBE4A	K10596
ENSG00000232389	0.160487	2.156094	0.840181	1 RP11-134K13.2	K00802
ENSG00000167720	-0.146472	3.893575	0.840299	1 SRR	K12235
ENSG00000186815	-0.135242	5.886473	0.84035	1 TPCN1	K16896
ENSG00000110237	0.138955	4.94603	0.84036	1 ARHGEF17	-
ENSG00000135392	0.135996	4.947462	0.84036	1 DNAJC14	K09534
ENSG00000109323	-0.136951	5.716844	0.84042	1 MANBA	K01192
ENSG00000177595	-0.14217	4.360604	0.840451	1 PIDD	K10130
ENSG00000169738	-0.136374	5.864823	0.840458	1 DCXR	K03331
ENSG00000237438	0.151836	2.664905	0.840489	1 CECR7	-
ENSG00000213139	-0.254846	0.742418	0.84052	1 CRYGS	K16810
ENSG00000123411	0.214295	0.706746	0.84052	1 IKZF4	K09220
ENSG00000198780	0.214295	0.706746	0.84052	1 FAM169A	-
ENSG00000236242	0.214295	0.706746	0.84052	1 MYO16-AS1	-
ENSG00000257605	0.214295	0.706746	0.84052	1 RP11-680A11.5	-
ENSG00000271862	0.214295	0.706746	0.84052	1 RP11-343L5.2	-
ENSG00000065882	-0.137959	4.90503	0.84057	1 TBC1D1	K18341
ENSG00000184009	-0.133145	6.759454	0.84067	1 ACTG1	K05692
ENSG00000119899	0.134114	5.718761	0.840676	1 SLC17A5	K12301
ENSG00000166971	0.144336	3.338065	0.84068	1 AKTIP	-
ENSG00000145882	-0.145989	3.802252	0.840739	1 PCYOX1L	K05906
ENSG00000161677	-0.146323	4.147166	0.840766	1 JOSD2	K15235
ENSG00000166224	-0.135947	4.660063	0.840787	1 SGPL1	K01634
ENSG00000156256	-0.135081	5.526486	0.840802	1 USP16	K11844
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ENSG00000141258	0.133604	5.959204	0.840913	1 SGSM2	-
ENSG00000154639	0.133579	5.980905	0.841018	1 CXADR	K06788
ENSG00000106346	0.13598	4.81499	0.841029	1 USP42	K11855
ENSG00000161533	0.136268	4.714947	0.841044	1 ACOX1	K00232
ENSG00000112592	-0.139413	4.768582	0.841282	1 TBP	K03120
ENSG00000227615	-0.153631	3.475803	0.841295	1 RP11-864N7.2	K02951
ENSG00000165102	0.136788	4.550536	0.841354	1 HGSNAT	K10532
ENSG00000196417	-0.156827	2.879136	0.841457	1 ZNF765	K04614
ENSG00000111319	0.143487	4.149404	0.841515	1 SCNN1A	K04824
ENSG0000014919	-0.135485	5.920881	0.841583	1 COX15	K02259
ENSG00000198892	0.168429	1.813508	0.841624	1 SHISA4	-
ENSG00000133103	-0.1397	4.960988	0.841656	1 COG6	-
ENSG00000125611	-0.141093	4.369105	0.841746	1 CHCHD5	-
ENSG00000163755	-0.132807	6.133716	0.841861	1 HPS3	-
ENSG00000119953	-0.132854	5.83058	0.841869	1 SMNDC1	K12839
ENSG00000104450	-0.134944	4.724479	0.842055	1 SPAG1	-
ENSG00000131188	0.141733	4.304025	0.842124	1 PRR7	-
ENSG00000169180	-0.131735	6.901141	0.842151	1 XPO6	-
ENSG00000001036	-0.13149	7.12174	0.842171	1 FUCA2	K01206
ENSG00000104835	0.156735	3.056053	0.842194	1 SARS2	K01875
ENSG00000101444	-0.130793	7.935705	0.84229	1 AHCY	K01251
ENSG00000090054	-0.132275	6.388277	0.84233	1 SPTLC1	K00654
ENSG00000118482	0.131733	6.5933	0.842401	1 PHF3	-
ENSG00000185946	-0.14404	4.001488	0.842421	1 RNPC3	K13157
ENSG00000203880	-0.138338	4.828424	0.842442	1 PCMTD2	-
ENSG00000164494	0.14212	3.482464	0.842471	1 PDSS2	K12505
ENSG00000108828	0.130469	8.158616	0.842472	1 VAT1	-
ENSG00000163798	-0.134947	5.211009	0.842611	1 SLC4A1AP	K01368
ENSG00000164252	-0.134661	5.514071	0.842715	1 AGGF1	-
ENSG00000106009	-0.131702	6.55184	0.842718	1 BRAT1	-

ENSG00000113810	0.130703	7.328553	0.842763	1 SMC4	K06675
ENSG00000105705	0.13756	4.924521	0.842779	1 SUGP1	K13096
ENSG00000125633	-0.1335	5.389952	0.842885	1 CCDC93	-
ENSG0000019549	-0.134271	5.485007	0.842903	1 SNAI2	K05706
ENSG00000185800	0.137931	4.83203	0.842908	1 DMWD	-
ENSG00000173559	-0.137576	4.834579	0.842908	1 NABP1	-
ENSG00000172046	-0.134136	5.739994	0.842945	1 USP19	K11847
ENSG00000138593	-0.135072	5.359316	0.843094	1 SECISBP2L	-
ENSG00000145916	-0.135072	5.359316	0.843094	1 RMND5B	K15696
ENSG00000124164	0.133818	5.934304	0.843116	1 VAPB	K10707
ENSG00000155304	-0.131533	6.385661	0.843218	1 HSPA13	K09491
ENSG00000182923	-0.14341	4.449559	0.843228	1 CEP63	K16763
ENSG00000111885	-0.138696	4.245125	0.843234	1 MAN1A1	K01230
ENSG00000163517	-0.151308	3.369478	0.843243	1 HDAC11	K11418
ENSG00000132669	-0.134645	5.326924	0.843313	1 RIN2	-
ENSG00000143158	-0.132047	5.937431	0.843333	1 MPC2	-
ENSG00000083444	0.129685	8.237209	0.84337	1 PLOD1	K00473
ENSG00000141522	-0.130553	6.989682	0.843446	1 ARHGDI1	K12462
ENSG00000162430	-0.135721	5.144414	0.843457	1 SEPN1	K12581
ENSG00000037749	-0.131429	5.692477	0.843536	1 MFAP3	-
ENSG00000129071	-0.131287	6.369849	0.84354	1 MBD4	K10801
ENSG00000197563	0.133512	5.18191	0.843571	1 PIGN	K05285
ENSG00000117143	0.130129	7.145096	0.843625	1 UAP1	K00972
ENSG00000108848	0.129349	8.448915	0.843676	1 LUC7L3	-
ENSG00000132823	0.131961	5.984372	0.843677	1 OSER1	-
ENSG00000005075	0.133596	5.104944	0.843721	1 POLR2J	K03008
ENSG00000122729	-0.131037	6.424961	0.843734	1 ACO1	K01681
ENSG00000119203	-0.13103	5.871584	0.843794	1 CPSF3	K14403
ENSG00000163479	0.129558	7.722243	0.843819	1 SSR2	K13250
ENSG00000130768	-0.204233	1.436702	0.843823	1 SMPDL3B	K01128
ENSG00000127124	-0.171934	1.418457	0.843823	1 HIVEP3	K09239
ENSG00000230487	-0.171934	1.418457	0.843823	1 PSMG3-AS1	-
ENSG00000125166	-0.12972	7.551328	0.843858	1 GOT2	K14455
ENSG00000168827	-0.130377	5.987339	0.843885	1 GFM1	K02355
ENSG00000134058	0.152757	2.465002	0.843897	1 CDK7	K02202
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ENSG00000115942	-0.130619	5.670272	0.843976	1 ORC2	K02604
ENSG00000065600	-0.134631	4.519974	0.843993	1 TMEM206	-
ENSG00000269609	0.142825	3.234711	0.844158	1 RP11-18114.10	-
ENSG00000162599	0.131957	5.776739	0.84424	1 NFIA	K09168
ENSG00000115520	0.137088	4.844306	0.844288	1 COQ10B	K18588
ENSG00000160691	0.129334	7.425416	0.844313	1 SHC1	K06279
ENSG00000219545	-0.135022	4.696014	0.844411	1 RPA3-AS1	-
ENSG00000121644	0.130318	6.36957	0.844449	1 DESI2	-
ENSG00000179933	0.130147	5.969039	0.844458	1 C14orf119	K12875
ENSG00000142396	0.138309	3.832781	0.844467	1 ERVK3-1	-
ENSG00000169258	0.1349	4.522183	0.844563	1 GPRIN1	-
ENSG00000174903	0.129203	7.281936	0.844596	1 RAB1B	K07875
ENSG00000204991	0.131747	5.754964	0.844665	1 SPIRE2	K02098
ENSG00000090621	-0.128669	8.076484	0.844741	1 PABPC4	K13126
ENSG00000177706	-0.13479	5.27013	0.844806	1 FAM20C	-
ENSG00000126602	-0.128427	8.407567	0.844857	1 TRAP1	K09488
ENSG00000124789	-0.129177	7.173069	0.844873	1 NUP153	K14296
ENSG00000151849	-0.130493	5.306022	0.844877	1 CENPJ	K11502
ENSG00000103194	-0.129642	6.697895	0.844937	1 USP10	K11841
ENSG00000230234	0.136552	4.104264	0.845016	1 RP1-276N6.2	-
ENSG00000224287	-0.135822	4.109469	0.845016	1 MSL3P1	K18403
ENSG00000131748	0.130077	5.408539	0.84507	1 STARD3	-

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ENSG00000086666	0.129436	6.556934	0.845193	1 ZFAND6	K01555
ENSG00000136152	-0.135182	4.903557	0.845276	1 COG3	-
ENSG00000170949	-0.136146	4.339062	0.845403	1 ZNF160	-
ENSG00000160410	0.129468	6.185872	0.845433	1 SHKBP1	-
ENSG00000150457	0.12989	5.274385	0.845483	1 LATS2	K08791
ENSG00000164520	0.132633	5.03974	0.845489	1 RAET1E	-
ENSG00000178718	-0.129864	6.148009	0.845556	1 RPP25	K14525
ENSG00000177479	-0.129276	6.556512	0.8456	1 ARIH2	K17985
ENSG00000164118	-0.139914	4.033919	0.84565	1 CEP44	K16761
ENSG00000174744	-0.13173	5.890917	0.845799	1 BRMS1	K19196
ENSG00000168175	-0.128978	6.652001	0.8458	1 MAPK1IP1L	-
ENSG00000130513	-0.128726	6.336619	0.845812	1 GDF15	K05504
ENSG00000088298	0.133901	5.34949	0.845907	1 EDEM2	K10085
ENSG00000173436	-0.135307	4.272572	0.84596	1 MINOS1	K17784
ENSG00000172428	0.134606	4.406944	0.846118	1 MYEOV2	-
ENSG00000120334	-0.131929	4.477301	0.846186	1 CENPL	K11504
ENSG00000176340	-0.128487	6.722181	0.846277	1 COX8A	K02273
ENSG00000124299	0.129531	5.046402	0.846278	1 PEPD	K14213
ENSG00000100902	-0.130018	5.942432	0.846283	1 PSMA6	K02730
ENSG00000108239	0.136338	3.948155	0.846357	1 TBC1D12	K17985
ENSG00000197372	0.136338	3.948155	0.846357	1 ZNF675	K09228
ENSG00000102595	-0.128791	5.798658	0.846371	1 UGGT2	K11718
ENSG00000170919	0.147576	2.71931	0.846424	1 TPT1-AS1	-
ENSG00000186638	0.136085	4.033691	0.846437	1 KIF24	K10393
ENSG00000129460	-0.133099	5.321452	0.846515	1 NGDN	K14765
ENSG00000262944	-0.1504	2.925889	0.846609	1 RP11-47311.9	-
ENSG00000139636	0.130144	4.274948	0.846627	1 LMBR1L	-
ENSG00000169018	-0.129889	6.179191	0.846668	1 FEM1B	K10349
ENSG00000182752	-0.13918	4.349874	0.846677	1 PAPPB	K07762
ENSG00000125657	0.12734	7.441147	0.846682	1 TNFSF9	K05472
ENSG00000170677	-0.129321	5.923782	0.84669	1 SOCS6	K10322
ENSG00000152990	-0.132168	5.173847	0.84675	1 GPR125	K08462
ENSG00000112679	0.137302	4.543023	0.846803	1 DUSP22	K14165
ENSG00000153071	0.127277	7.294839	0.846885	1 DAB2	K12475
ENSG00000102309	-0.135754	4.717835	0.8469	1 PIN4	K09579
ENSG00000183696	-0.129378	5.972061	0.846927	1 UPP1	K00757
ENSG00000073111	0.12688	7.798126	0.846969	1 MCM2	K02540
ENSG00000148229	-0.127252	7.205214	0.847136	1 POLE3	K02326
ENSG00000107438	-0.127183	7.23141	0.847191	1 PDLIM1	-
ENSG00000106290	0.128784	5.429056	0.847195	1 TAF6	K03131
ENSG00000128607	0.130691	5.493786	0.847215	1 KLHDC10	-
ENSG00000096070	0.140918	4.041655	0.847216	1 BRPF3	K11350
ENSG00000255529	-0.129222	5.527438	0.847225	1 POLR2M	-
ENSG00000109118	0.130504	5.556669	0.847234	1 PHF12	-
ENSG00000105835	0.12661	7.83453	0.847269	1 NAMPT	K03462
ENSG00000174292	-0.138491	4.283894	0.847288	1 TNK1	K08885
ENSG00000151422	-0.134046	4.35627	0.847306	1 FER	K08889
ENSG00000117475	-0.135103	4.666977	0.847377	1 BLZF1	-
ENSG00000065978	-0.125902	10.12611	0.847409	1 YBX1	K09276
ENSG00000164164	-0.13344	5.100371	0.847452	1 OTUD4	K13718
ENSG00000164985	-0.126328	8.199384	0.847472	1 PSIP1	-
ENSG00000197756	0.125943	9.292929	0.847488	1 RPL37A	K02921
ENSG00000180357	0.128505	5.528425	0.847504	1 ZNF609	K15696
ENSG00000160539	0.259601	0.781234	0.84754	1 PPAPDC3	-
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ENSG00000223477	0.259601	0.781234	0.84754	1 LINC00842	-
ENSG00000241764	0.259601	0.781234	0.84754	1 AC002467.7	-

ENSG00000251196	0.259601	0.781234	0.84754	1 RP11-54F2.1	-
ENSG00000258708	0.259601	0.781234	0.84754	1 SLC25A21-AS1	K15110
ENSG00000272142	-0.232681	0.842792	0.84754	1 RP11-428J1.5	-
ENSG00000273311	-0.232681	0.842792	0.84754	1 DGCR11	-
ENSG00000250159	0.201109	0.810762	0.84754	1 RP11-381K20.2	-
ENSG00000264469	0.201109	0.810762	0.84754	1 RP11-173M1.8	-
ENSG00000127720	-0.182352	0.814313	0.84754	1 METTL25	-
ENSG00000171100	-0.182352	0.814313	0.84754	1 MTM1	K01108
ENSG00000186275	-0.182352	0.814313	0.84754	1 NBPF12	-
ENSG00000229645	-0.182352	0.814313	0.84754	1 LINC00341	-
ENSG00000238197	-0.182352	0.814313	0.84754	1 PAXBP1-AS1	-
ENSG00000259330	-0.182352	0.814313	0.84754	1 LINC00984	-
ENSG00000108298	0.125692	10.75845	0.847577	1 RPL19	K02885
ENSG00000182154	-0.127234	6.149251	0.847738	1 MRPL41	K17422
ENSG00000214113	-0.12787	5.885743	0.847755	1 LYRM4	-
ENSG00000070882	-0.128812	5.811982	0.847761	1 OSBPL3	-
ENSG00000158201	-0.129834	5.705976	0.847769	1 ABHD3	K13696
ENSG00000145365	0.128916	4.72497	0.847874	1 TIFA	-
ENSG00000249115	-0.134267	4.673858	0.847881	1 HAUS5	K16588
ENSG00000141556	0.127296	6.451066	0.847913	1 TBCD	K15522
ENSG00000157796	-0.133901	4.427258	0.847919	1 WDR19	K19671
ENSG00000100504	-0.126527	7.242165	0.847963	1 PYGL	K00688
ENSG00000104529	0.125502	9.487036	0.847974	1 EEF1D	K15410
ENSG00000139793	0.12652	7.101648	0.847979	1 MBNL2	K14943
ENSG00000173698	0.128277	5.437181	0.848088	1 GPR64	K08451
ENSG00000163694	0.128299	5.225965	0.848156	1 RBM47	K04613
ENSG00000101181	0.130697	5.187945	0.848169	1 MTG2	K03979
ENSG00000117650	0.126365	7.082996	0.848183	1 NEK2	K08857
ENSG00000138801	-0.127395	5.108005	0.848198	1 PAPSS1	K13811
ENSG00000078140	-0.126763	6.800164	0.848221	1 UBE2K	K04649
ENSG00000146830	-0.127174	6.233216	0.848249	1 GIGYF1	K18730
ENSG00000172336	-0.12712	6.213269	0.848257	1 POP7	K14527
ENSG00000154001	0.128045	5.708722	0.848261	1 PPP2R5E	K11584
ENSG00000164941	-0.126727	6.174958	0.848273	1 INTS8	K13145
ENSG00000221990	-0.16251	2.748333	0.848305	1 C5orf55	K17985
ENSG00000180776	0.15948	2.738791	0.848305	1 ZDHHC20	K18932
ENSG00000162032	0.154008	2.232932	0.848413	1 SPSB3	K10345
ENSG00000173141	-0.131021	5.375242	0.848418	1 MRP63	K17985
ENSG00000128039	0.132976	4.431565	0.84851	1 SRD5A3	K12345
ENSG00000143337	-0.126591	6.031569	0.848535	1 TOR1AIP1	-
ENSG00000072786	-0.131009	4.938269	0.848685	1 STK10	K08837
ENSG00000101624	-0.136898	4.142121	0.848693	1 CEP76	K16457
ENSG00000101220	-0.128657	5.716018	0.848749	1 C20orf27	-
ENSG00000173511	-0.130508	5.343208	0.848752	1 VEGFB	K16858
ENSG00000138346	-0.130252	4.790884	0.848794	1 DNA2	K10742
ENSG00000012061	-0.128094	5.631896	0.848815	1 ERCC1	K10849
ENSG00000112282	-0.136297	3.97377	0.848816	1 MED23	K15166
ENSG00000144231	-0.127784	5.847433	0.848878	1 POLR2D	K03012
ENSG00000161057	-0.126112	6.879365	0.848889	1 PSMC2	K03061
ENSG00000113638	0.125921	5.770314	0.848944	1 TTC33	-
ENSG00000175029	0.125777	6.981779	0.848997	1 CTBP2	K04496
ENSG00000179918	-0.126581	5.922342	0.84903	1 SEPHS2	K01008
ENSG00000181220	-0.136508	4.50462	0.849036	1 ZNF746	K09228
ENSG00000145833	0.125292	7.491263	0.84909	1 DDX46	K12811
ENSG00000131669	0.127464	5.797396	0.849151	1 NINJ1	-
ENSG00000104897	-0.128698	5.482068	0.849228	1 SF3A2	K12826
ENSG00000134533	0.138276	3.422426	0.849306	1 RERG	K07855
ENSG00000008853	-0.128852	5.578779	0.849398	1 RHOTB2	K07868

ENSG00000141542	0.133843	4.144541	0.849407	1 RAB40B	K17985
ENSG00000108679	0.124278	9.384267	0.849463	1 LGALS3BP	K17300
ENSG00000196792	0.128085	4.569189	0.849514	1 STRN3	K17608
ENSG00000103591	-0.126116	6.467202	0.849522	1 AAGAB	-
ENSG00000092820	0.124433	8.103806	0.849719	1 EZR	K08007
ENSG00000197114	0.154145	2.952278	0.849863	1 ZGPAT	-
ENSG00000188827	0.142189	2.958242	0.849863	1 SLX4	K10484
ENSG00000169118	-0.139855	4.235859	0.849989	1 CSNK1G1	K08958
ENSG00000108469	-0.132401	4.902083	0.85	1 RECQL5	K10902
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ENSG00000140391	0.124273	7.747961	0.850121	1 TSPAN3	K17293
ENSG00000001461	-0.14646	2.767321	0.850141	1 NIPAL3	K04613
ENSG00000126767	0.126876	5.554802	0.850247	1 ELK1	K04375
ENSG00000155090	0.124645	7.05719	0.850266	1 KLF10	K09209
ENSG00000171109	-0.125675	6.3442	0.850275	1 MFN1	K06030
ENSG00000139641	0.124619	7.035278	0.850321	1 ESYT1	-
ENSG00000063438	0.125072	6.551783	0.850407	1 AHRR	K09094
ENSG00000108474	0.134066	3.981894	0.850412	1 PIGL	K03434
ENSG00000100359	-0.124784	6.254046	0.85044	1 SGSM3	-
ENSG00000130635	0.123677	8.455522	0.850462	1 COL5A1	K19721
ENSG00000159461	0.124123	6.234458	0.850476	1 AMFR	K10636
ENSG00000090686	0.125151	6.436441	0.850495	1 USP48	K11858
ENSG00000134899	-0.128849	4.855895	0.850515	1 ERCC5	K10846
ENSG00000159086	-0.12495	6.292577	0.850531	1 PAXBP1	K13211
ENSG00000130340	0.125123	6.402607	0.850585	1 SNX9	K17923
ENSG00000197312	-0.129063	5.002572	0.850647	1 DDI2	K11885
ENSG00000107937	0.123668	8.033694	0.850673	1 GTPBP4	K06943
ENSG00000166741	0.123627	7.909433	0.850792	1 NNMT	K00541
ENSG00000167925	-0.139141	4.164314	0.850816	1 GHDC	-
ENSG00000101052	0.132544	4.164265	0.850816	1 IFT52	K19681
ENSG00000110075	0.124966	6.370084	0.850827	1 PPP6R3	K15501
ENSG00000022277	-0.125088	6.386728	0.850894	1 RTFDC1	-
ENSG00000154727	-0.129126	5.048327	0.850939	1 GABPA	K09441
ENSG00000225137	0.170605	2.259966	0.850972	1 DYNC1I2P1	K10415
ENSG00000169062	-0.124925	6.406498	0.851052	1 UPF3A	K14328
ENSG00000158526	0.128887	5.216554	0.85127	1 TSR2	K14800
ENSG00000162458	0.135718	3.573821	0.851289	1 FBLIM1	K17985
ENSG0000010072	0.131911	4.247476	0.851315	1 SPRTN	-
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ENSG00000148834	-0.123487	6.915406	0.851977	1 GSTO1	K00799
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ENSG00000125826	-0.124328	6.152958	0.852275	1 RBCK1	K10630
ENSG00000167487	-0.146694	3.58567	0.852323	1 KLHL26	K10463
ENSG00000183011	0.124075	5.952825	0.85233	1 LSMD1	-
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ENSG00000105552	-0.122881	6.154808	0.852451	1 BCAT2	K00826
ENSG00000112514	0.137253	4.094017	0.852457	1 CUTA	K03926
ENSG00000165480	-0.125822	5.696714	0.852495	1 SKA3	-

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ENSG00000266903	-0.193049	1.499661	0.852572	1 CTB-171A8.1	-
ENSG00000111727	0.161444	2.549503	0.852577	1 HCFC2	K14966
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ENSG00000163918	-0.122614	7.105003	0.85279	1 RFC4	K10755
ENSG00000116857	0.122521	7.070954	0.852791	1 TME9	-
ENSG00000155329	-0.125875	4.828378	0.852831	1 ZCCHC10	-
ENSG00000176105	0.1223	7.27427	0.852854	1 YES1	K05705
ENSG00000107854	0.123912	6.276953	0.852891	1 TNKS2	K10799
ENSG00000106100	-0.13095	3.711254	0.852925	1 NOD1	K08727
ENSG00000103043	-0.124947	5.235635	0.852938	1 VAC14	K15305
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ENSG00000133195	-0.141516	2.99331	0.852982	1 SLC39A11	K14717
ENSG00000139990	0.129878	4.479579	0.853079	1 DCAF5	K11800
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ENSG00000121542	-0.13555	4.193325	0.853558	1 SEC22A	K08520
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ENSG00000125347	0.125237	4.674332	0.853911	1 IRF1	K09444
ENSG00000171606	-0.124218	4.78769	0.853914	1 ZNF274	K12458
ENSG00000134278	0.128096	4.88945	0.853916	1 SPIRE1	K02098
ENSG00000136870	-0.124696	4.89176	0.853916	1 ZNF189	K09228
ENSG00000103326	0.12203	6.634483	0.853916	1 CAPN15	K08582
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ENSG00000196591	-0.120833	8.24809	0.854026	1 HDAC2	K06067
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ENSG00000260219	-0.334757	-0.186789	0.854437	1 RP11-347C12.10	-
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ENSG00000133226	0.121423	6.645042	0.854628	1 SRRM1	K13171
ENSG00000139132	-0.135701	3.72796	0.854781	1 FGD4	K05723
ENSG00000101665	0.127831	4.794613	0.854801	1 SMAD7	K19631
ENSG00000136518	-0.121194	6.828615	0.854833	1 ACTL6A	K11340
ENSG00000156110	-0.121113	6.843195	0.85491	1 ADK	K00856
ENSG00000157450	0.121621	4.948925	0.854915	1 RNF111	K10635
ENSG00000152127	0.124374	5.172221	0.854946	1 MGAT5	K00744
ENSG00000136856	-0.125704	4.56321	0.854948	1 SLC2A8	K08145
ENSG00000107651	-0.120869	6.11679	0.854999	1 SEC23IP	-
ENSG00000104299	0.136898	3.182652	0.855112	1 INTS9	K13146
ENSG00000111450	-0.123357	4.903519	0.855152	1 STX2	K08486
ENSG00000239306	0.120564	5.750883	0.855189	1 RBM14	-
ENSG00000039650	-0.122329	5.258713	0.855213	1 PNKP	K08073
ENSG00000198841	-0.129151	4.500708	0.855263	1 KTI12	K15456
ENSG00000150991	0.119396	9.351226	0.855323	1 UBC	K08770
ENSG00000105379	0.121319	6.282593	0.85536	1 ETFB	K03521
ENSG00000198208	-0.139892	2.817778	0.855393	1 RPS6KL1	K12606
ENSG00000119684	-0.128248	3.945504	0.855468	1 MLH3	K08739
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ENSG00000104369	0.123791	5.47812	0.855586	1 JPH1	K19530
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ENSG00000111790	-0.120834	5.551003	0.856036	1 FGFR10P2	-
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ENSG00000197713	-0.120543	6.153583	0.856453	1 RPE	K01783
ENSG00000060749	-0.120411	6.390927	0.856468	1 QSER1	-
ENSG00000114209	-0.12028	6.438702	0.856538	1 PDCD10	K18269
ENSG00000104671	0.121308	5.553867	0.856554	1 DCTN6	K10428
ENSG00000263535	0.143323	2.587063	0.856566	1 AK4P1	K00939
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ENSG00000137819	0.12111	5.65225	0.856997	1 PAQR5	-
ENSG00000113971	-0.132312	3.959707	0.857024	1 NPHP3	K19360
ENSG00000054793	0.120258	4.870101	0.857074	1 ATP9A	K01530
ENSG00000049618	0.126925	4.646563	0.857103	1 ARID1B	K11653
ENSG00000006744	-0.11907	6.961522	0.8572	1 ELAC2	K00784
ENSG00000067560	0.11797	8.697612	0.857213	1 RHOA	K04513
ENSG00000135930	-0.119375	6.322476	0.857259	1 EIF4E2	K03259
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ENSG00000153066	0.12092	5.685883	0.857289	1 TXNDC11	K09228
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ENSG00000121775	-0.126461	4.523742	0.857382	1 TMEM39B	-
ENSG00000160299	0.119974	6.225092	0.857407	1 PCNT	K16481
ENSG00000092531	-0.119683	5.627475	0.857428	1 SNAP23	K08508
ENSG00000122550	-0.119683	5.627475	0.857428	1 KLHL7	K10445
ENSG00000119328	0.122952	4.92601	0.857563	1 FAM206A	K11373
ENSG00000088247	-0.118127	7.746887	0.857576	1 KHSRP	K13210
ENSG00000023909	-0.120165	5.396204	0.857594	1 GCLM	K11205
ENSG00000197417	-0.190107	2.005599	0.85762	1 SHPK	K11214
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ENSG00000167114	-0.121939	5.282557	0.857728	1 SLC27A4	K08745
ENSG00000169609	0.129696	3.962373	0.85779	1 C15orf40	K09131
ENSG00000138303	-0.122654	5.632783	0.857915	1 ASCC1	K18666
ENSG00000184779	-0.125119	4.156832	0.858024	1 RPS17	K02962
ENSG00000164032	-0.117357	8.556505	0.858052	1 H2AFZ	K11251
ENSG00000138439	-0.132775	3.514331	0.858093	1 FAM117B	-
ENSG00000155657	0.164065	2.331611	0.858156	1 TTN	K12567
ENSG00000160602	0.145489	2.341	0.858156	1 NEK8	K08857
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ENSG00000136271	-0.118028	7.146451	0.858232	1 DDX56	K14810
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ENSG00000224183	-0.151555	2.625407	0.85848	1 SDHDP6	K00237
ENSG00000170606	-0.116822	8.760184	0.858616	1 HSPA4	K09489
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ENSG00000136141	-0.129731	4.073409	0.858624	1 LRCH1	-
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ENSG00000164610	-0.129808	4.159331	0.858691	1 RP9	K19604
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ENSG00000127483	0.117702	6.898128	0.858751	1 HP1BP3	-
ENSG00000106603	-0.118499	6.369888	0.858791	1 COA1	K18173
ENSG00000140479	-0.133162	3.226518	0.858962	1 PCSK6	K08672
ENSG00000134077	-0.118485	5.373121	0.858993	1 THUMPD3	-
ENSG00000122707	-0.120797	5.482068	0.859045	1 RECK	K17461
ENSG00000172775	-0.117264	6.114902	0.859113	1 FAM192A	-
ENSG00000133250	0.123879	3.521497	0.85912	1 ZNF414	-
ENSG00000155380	0.116429	8.469165	0.859146	1 SLC16A1	K08179
ENSG00000244754	-0.118991	6.243687	0.859164	1 N4BP2L2	-
ENSG00000102781	-0.137604	3.656778	0.859177	1 KATNAL1	K07767
ENSG00000138796	-0.12001	5.82055	0.859186	1 HADH	K00022
ENSG00000125449	-0.123856	3.881453	0.859263	1 ARMC7	-
ENSG00000100461	-0.120553	5.448333	0.859302	1 RBM23	K13091
ENSG00000166165	0.116028	9.149331	0.859412	1 CKB	K00933

ENSG00000169660	-0.123857	4.546415	0.859441	1 HEXDC	K14459
ENSG00000101138	-0.120927	5.740007	0.859601	1 CSTF1	K14406
ENSG00000141378	0.117357	6.430323	0.859814	1 PTRH2	K04794
ENSG00000167543	-0.118895	5.682281	0.859827	1 TP53I13	K13707
ENSG00000229927	-0.259195	0.962689	0.859853	1 RHEBP1	K07208
ENSG00000231066	-0.259195	0.962689	0.859853	1 NPM1P9	K11276
ENSG00000188107	-0.213635	0.936686	0.859853	1 EYS	K19601
ENSG00000250539	-0.213635	0.936686	0.859853	1 KRT8P33	K07605
ENSG00000157045	0.121667	4.734923	0.859921	1 NTAN1	K14662
ENSG00000183763	-0.127709	4.258837	0.859992	1 TRAIIP	K11985
ENSG00000198833	-0.117091	5.744924	0.860045	1 UBE2J1	K10578
ENSG00000179029	0.12262	3.887359	0.860058	1 TMEM107	-
ENSG00000111799	-0.115892	7.893277	0.860156	1 COL12A1	K08132
ENSG00000129158	-0.13891	3.398645	0.860164	1 SERGEF	K15421
ENSG00000197766	0.116681	6.699237	0.860224	1 CFD	K01334
ENSG00000104756	0.11865	5.097303	0.860225	1 KCTD9	-
ENSG00000043514	0.117775	5.829375	0.860235	1 TRIT1	K00791
ENSG00000168246	0.121295	4.954597	0.860276	1 UBTD2	-
ENSG00000185909	0.14922	2.864815	0.860291	1 KLHDC8B	-
ENSG00000251432	-0.133774	2.866539	0.860291	1 RP11-420A23.1	-
ENSG00000146425	0.119068	5.625833	0.860313	1 DYNLT1	K10420
ENSG00000169951	-0.134236	2.646039	0.860345	1 ZNF764	K09228
ENSG00000175567	-0.116908	6.335025	0.860378	1 UCP2	K15103
ENSG00000250251	-0.172282	2.370076	0.8604	1 PKD1P6	K04985
ENSG00000109519	-0.117547	6.23557	0.860425	1 GRPEL1	K03687
ENSG00000143294	0.116757	6.496452	0.860427	1 PRCC	K13105
ENSG00000116688	0.116498	6.702611	0.860437	1 MFN2	K06030
ENSG00000111012	-0.162343	2.03682	0.86044	1 CYP27B1	K07438
ENSG00000179115	-0.115966	7.377001	0.86047	1 FARSA	K01889
ENSG00000116350	-0.118094	6.107291	0.860491	1 SRSF4	K12893
ENSG00000132199	0.117644	5.914043	0.860601	1 ENOSF1	K18334
ENSG00000167747	-0.115853	7.254897	0.860724	1 C19orf48	-
ENSG00000229117	-0.115294	8.094791	0.860751	1 RPL41	K02928
ENSG00000095066	0.120797	5.31354	0.860752	1 HOOK2	K16611
ENSG00000128011	-0.122463	4.74582	0.860803	1 LRFN1	K16354
ENSG00000133316	-0.117321	5.599724	0.860814	1 WDR74	K14841
ENSG00000138073	0.117286	5.780718	0.860901	1 PREB	K14003
ENSG00000156384	0.128574	3.789146	0.860926	1 SFR1	K17985
ENSG00000085721	-0.119253	5.725171	0.860949	1 RRN3	K15216
ENSG00000105669	0.115844	6.91894	0.860951	1 COPE	K17268
ENSG00000029725	-0.115985	6.903771	0.860966	1 RABEP1	K12480
ENSG00000137040	-0.116879	5.944591	0.860969	1 RANBP6	-
ENSG00000100697	-0.12234	4.963751	0.861033	1 DICER1	K11592
ENSG00000188010	-0.129137	3.544645	0.86113	1 MORN2	-
ENSG00000166199	0.121271	4.270481	0.861212	1 ALKBH3	K10860
ENSG00000178467	0.121271	4.270481	0.861212	1 P4HTM	K06711
ENSG00000112335	0.11536	7.211079	0.861225	1 SNX3	K17918
ENSG00000100483	-0.128948	3.410882	0.861261	1 VCPKMT	-
ENSG00000107295	0.11798	5.062275	0.861301	1 SH3GL2	K11247
ENSG00000172057	0.12065	4.965875	0.861408	1 ORMDL3	-
ENSG00000158863	0.124697	4.563652	0.861442	1 FAM160B2	-
ENSG00000070047	0.118279	5.434142	0.861493	1 PHRF1	K17586
ENSG00000160613	0.116187	5.435157	0.861493	1 PCSK7	K08673
ENSG00000164609	0.116421	6.247203	0.861517	1 SLU7	K12819
ENSG00000164877	-0.121695	5.157958	0.861535	1 MICALL2	-
ENSG00000106591	-0.116161	6.361923	0.8616	1 MRPL32	K02911
ENSG00000101199	0.115029	7.228445	0.861604	1 ARFGAP1	K12492
ENSG00000196196	-0.140865	3.084006	0.86161	1 HRCT1	-

ENSG0000066248	-0.126778	3.908014	0.861621	1 NGEF	K07525
ENSG00000123131	0.114387	8.402507	0.861624	1 PRDX4	K03386
ENSG00000151923	-0.115381	6.943132	0.86164	1 TIAL1	K13201
ENSG00000104881	0.116937	5.844726	0.861677	1 PPP1R13L	K17985
ENSG00000125944	-0.114469	8.178574	0.861695	1 HNRNPR	K13161
ENSG00000105438	0.114479	7.944007	0.861739	1 KDELR1	K10949
ENSG00000262758	-0.126459	3.805136	0.861762	1 CTD-3195I5.1	-
ENSG00000048991	0.117973	5.402333	0.861815	1 R3HDM1	K05054
ENSG00000184232	0.116386	5.674755	0.861923	1 OAF	-
ENSG00000140259	0.115349	6.558284	0.862017	1 MFAP1	K13110
ENSG00000171241	-0.116443	6.122474	0.86202	1 SHCBP1	-
ENSG00000231991	0.115148	6.680103	0.862084	1 ANXA2P2	K17092
ENSG00000166974	-0.147761	2.653451	0.862161	1 MAPRE2	K10436
ENSG00000152556	-0.114446	7.509201	0.862175	1 PFKM	K00850
ENSG00000196839	0.114325	6.078898	0.862266	1 ADA	K01488
ENSG00000122873	-0.115061	6.715156	0.862332	1 CISD1	-
ENSG00000215301	-0.113563	8.936772	0.862471	1 DDX3X	K11594
ENSG00000184381	0.122265	3.262827	0.862614	1 PLA2G6	K16343
ENSG00000184445	0.11467	6.639747	0.862712	1 KNTC1	-
ENSG00000110721	-0.120379	4.876904	0.862724	1 CHKA	K14156
ENSG00000121152	-0.1154	6.108568	0.862735	1 NCAPH	K06676
ENSG00000143977	-0.117209	4.984655	0.862889	1 SNRPG	K11099
ENSG00000169884	-0.11939	4.022957	0.86293	1 WNT10B	K01357
ENSG00000129351	0.113084	8.722416	0.863072	1 ILF3	K13090
ENSG00000121073	-0.117103	5.861086	0.86309	1 SLC35B1	K15275
ENSG00000107077	0.125103	4.205344	0.863189	1 KDM4C	K06709
ENSG00000117682	0.119813	4.373572	0.863392	1 DHDDS	K11778
ENSG00000124380	-0.115722	5.52839	0.863446	1 SNRNP27	K12846
ENSG00000090372	-0.1143	6.556564	0.863486	1 STRN4	K17608
ENSG00000138760	0.113141	7.625698	0.863546	1 SCARB2	K12384
ENSG00000127540	-0.113597	7.093535	0.863599	1 UQCR11	K00420
ENSG00000148737	-0.118079	3.70436	0.863697	1 TCF7L2	K04491
ENSG00000107140	-0.118839	4.943941	0.863752	1 TESK1	K08841
ENSG00000124203	0.115584	5.812295	0.863838	1 ZNF831	-
ENSG00000140859	-0.124103	3.931158	0.863902	1 KIFC3	K10406
ENSG00000159214	0.137214	2.672259	0.86393	1 CCDC24	K05038
ENSG00000197385	0.137214	2.672259	0.86393	1 ZNF860	-
ENSG00000103202	0.113304	6.939809	0.86397	1 NME4	K00940
ENSG00000106077	-0.201436	1.633698	0.863995	1 ABHD11	K13703
ENSG00000165181	-0.173513	1.617951	0.863995	1 C9orf84	-
ENSG00000186162	0.158618	1.614023	0.863995	1 CIDECP	-
ENSG00000215154	0.158618	1.614023	0.863995	1 AC141586.5	-
ENSG00000117859	0.11306	7.114312	0.864076	1 OSBPL9	-
ENSG00000189091	-0.112568	7.640223	0.864323	1 SF3B3	K12830
ENSG00000180817	0.111955	8.469386	0.86452	1 PPA1	K01507
ENSG00000100116	-0.115728	5.144379	0.86457	1 GCAT	K00639
ENSG00000168374	-0.112236	7.839006	0.864579	1 ARF4	K07939
ENSG00000087111	0.113405	6.367395	0.864645	1 PIGS	K05291
ENSG00000240087	0.140478	2.408782	0.864681	1 RP11-254B13.1	K02998
ENSG00000175073	0.113997	5.982258	0.864698	1 VCP1P1	K11861
ENSG00000140181	-0.115645	5.190722	0.864742	1 HERC2P2	K10595
ENSG00000183735	0.116149	5.358087	0.864778	1 TBK1	K05410
ENSG00000109775	-0.121536	4.463393	0.864782	1 UFSP2	-
ENSG00000133142	-0.11295	6.76599	0.864787	1 TCEAL4	-
ENSG00000198554	-0.114711	5.70515	0.86484	1 WDHD1	K11274
ENSG00000103423	-0.112715	6.835573	0.864973	1 DNAJA3	K09504
ENSG00000173041	-0.122053	4.226371	0.86503	1 ZNF680	K09228
ENSG00000163162	-0.113019	6.54206	0.865044	1 RNF149	K15704

ENSG00000165156	-0.112989	6.200846	0.865139	1 ZHX1	-
ENSG00000169692	0.112457	6.795191	0.865158	1 AGPAT2	K13509
ENSG00000164465	0.114066	5.475164	0.865186	1 DCBLD1	-
ENSG00000137817	-0.116933	4.73596	0.865261	1 PARP6	K15258
ENSG00000047579	-0.113787	4.734301	0.865261	1 DTNBP1	-
ENSG00000272750	-0.19709	1.024885	0.865284	1 RP11-378J18.8	-
ENSG00000106976	0.179911	0.998629	0.865284	1 DNMI	K01528
ENSG00000206145	0.179911	0.998629	0.865284	1 P2RX6P	K05221
ENSG00000170266	0.112297	6.015192	0.865326	1 GLB1	K12309
ENSG00000166860	-0.121522	4.144458	0.865347	1 ZBTB39	K10511
ENSG00000125676	0.112038	7.032209	0.865387	1 THOC2	K12879
ENSG00000157764	-0.116682	4.542616	0.86553	1 BRAF	K04365
ENSG00000196387	-0.135741	3.124679	0.865556	1 ZNF140	K09228
ENSG00000101197	0.149665	2.692365	0.865655	1 BIRC7	K16061
ENSG00000181638	0.149665	2.692365	0.865655	1 ZFP41	-
ENSG00000167733	-0.176418	2.08996	0.865756	1 HSD11B1L	-
ENSG00000169627	-0.176418	2.08996	0.865756	1 BOLA2B	-
ENSG00000178401	-0.176418	2.08996	0.865756	1 DNAJC22	K19370
ENSG00000166435	0.167739	2.074916	0.865756	1 XRR1A1	-
ENSG00000262879	-0.156287	2.078738	0.865756	1 RP11-156P1.3	-
ENSG00000167447	-0.114488	5.33018	0.865767	1 SMG8	K18734
ENSG00000155275	0.119554	3.596014	0.865915	1 TRMT44	K15447
ENSG00000092853	-0.119626	4.680642	0.865934	1 CLSPN	-
ENSG00000119771	0.12452	3.953964	0.866109	1 KLHL29	K10465
ENSG00000144824	-0.110917	7.768797	0.866211	1 PHLDB2	-
ENSG00000085514	0.381678	-0.15322	0.866239	1 PILRA	K15411
ENSG00000142619	0.381678	-0.15322	0.866239	1 PADI3	K01481
ENSG00000172404	0.381678	-0.15322	0.866239	1 DNAJB7	K09513
ENSG00000230439	0.381678	-0.15322	0.866239	1 RP11-488P3.1	-
ENSG00000234424	0.381678	-0.15322	0.866239	1 RP11-213G2.1	K10395
ENSG00000247679	0.381678	-0.15322	0.866239	1 RP11-1277A3.1	-
ENSG00000264919	0.381678	-0.15322	0.866239	1 MIR4697	-
ENSG00000272078	0.381678	-0.15322	0.866239	1 RP4-734G22.3	-
ENSG00000272744	0.381678	-0.15322	0.866239	1 RP11-367N14.3	-
ENSG00000102174	0.257959	-0.094796	0.866239	1 PHEX	K08636
ENSG00000120784	0.257959	-0.094796	0.866239	1 ZFP30	K09228
ENSG00000135740	0.257959	-0.094796	0.866239	1 SLC9A5	K14723
ENSG00000138080	0.257959	-0.094796	0.866239	1 EMILIN1	-
ENSG00000163959	0.257959	-0.094796	0.866239	1 SLC51A	K17985
ENSG00000164651	0.257959	-0.094796	0.866239	1 SP8	K09198
ENSG00000164845	0.257959	-0.094796	0.866239	1 FAM86FP	K12354
ENSG00000177788	0.257959	-0.094796	0.866239	1 RP5-1061H20.4	-
ENSG00000178104	0.257959	-0.094796	0.866239	1 PDE4DIP	K16549
ENSG00000196747	0.257959	-0.094796	0.866239	1 HIST1H2AI	K11251
ENSG00000198785	0.257959	-0.094796	0.866239	1 GRIN3A	K05213
ENSG00000213621	0.257959	-0.094796	0.866239	1 RPSAP54	K02998
ENSG00000253854	0.257959	-0.094796	0.866239	1 RP11-10N23.2	-
ENSG00000272046	0.257959	-0.094796	0.866239	1 RP11-471M2.3	-
ENSG00000272288	0.257959	-0.094796	0.866239	1 RP11-140K17.3	-
ENSG00000272702	0.257959	-0.094796	0.866239	1 RP11-44N22.3	-
ENSG00000146757	0.125832	3.727591	0.866273	1 ZNF92	K09228
ENSG00000176692	-0.121499	3.734364	0.866273	1 FOXC2	K09396
ENSG00000104613	0.11139	6.861968	0.866355	1 INTS10	K13147
ENSG00000168538	0.11524	5.375103	0.866433	1 TRAPPC11	-
ENSG00000064419	-0.113533	6.05288	0.866441	1 TNPO3	K15436
ENSG00000139613	0.111768	6.05203	0.866441	1 SMARCC2	K11649
ENSG00000108671	-0.111326	6.892028	0.866563	1 PSMD11	K03036
ENSG00000081320	-0.115273	4.408676	0.866643	1 STK17B	K08804

ENSG00000131508	-0.110885	7.178911	0.866759	1 UBE2D2	K06689
ENSG00000165244	0.111104	5.900139	0.866785	1 ZNF367	K09228
ENSG00000225630	0.111076	5.928513	0.866846	1 MTND2P28	K03879
ENSG00000164975	-0.113528	5.457339	0.866879	1 SNAPC3	K15210
ENSG00000005810	-0.115352	5.215708	0.8669	1 MYCBP2	K10693
ENSG00000003096	0.11754	4.749695	0.866949	1 KLHL13	K10447
ENSG00000170759	-0.110049	8.189	0.866999	1 KIF5B	K10396
ENSG00000166477	0.112037	6.264988	0.867073	1 LEO1	K15177
ENSG00000062194	-0.110933	6.837881	0.867105	1 GPBP1	-
ENSG00000175793	-0.110372	7.395109	0.867163	1 SFN	K06644
ENSG00000112640	0.110863	6.697103	0.867195	1 PPP2R5D	K11584
ENSG00000224546	0.119169	3.31671	0.8672	1 EIF4BP3	K03258
ENSG00000070950	-0.117494	5.081044	0.867246	1 RAD18	K10627
ENSG00000087274	0.111004	5.986411	0.867318	1 ADD1	-
ENSG00000076003	0.110262	7.218146	0.867333	1 MCM6	K02542
ENSG00000142507	-0.11052	7.002472	0.867394	1 PSMB6	K02738
ENSG00000173914	-0.118944	4.254178	0.86741	1 RBM4B	K13187
ENSG00000187650	0.184105	1.654901	0.867417	1 VMAC	K17985
ENSG00000223478	0.184105	1.654901	0.867417	1 RP11-545E17.3	-
ENSG00000197587	-0.164932	1.673673	0.867417	1 DMBX1	K11447
ENSG00000231711	-0.164932	1.673673	0.867417	1 LINC00899	-
ENSG00000131791	0.153839	1.670369	0.867417	1 PRKAB2	K07199
ENSG00000215447	0.153839	1.670369	0.867417	1 BX322557.10	-
ENSG00000054118	0.110371	6.983795	0.867439	1 THRAP3	K13112
ENSG00000100412	0.11093	6.395284	0.867561	1 ACO2	K01681
ENSG00000118579	-0.114423	5.133179	0.867658	1 MED28	K15141
ENSG00000144645	0.113024	5.70619	0.867798	1 OSBPL10	-
ENSG00000169021	-0.10978	7.46971	0.867809	1 UQCRFS1	K00411
ENSG00000234518	-0.12628	3.750807	0.867937	1 PTGES3P1	K15730
ENSG00000100897	-0.113866	5.184706	0.868041	1 DCAF11	K11801
ENSG00000132405	0.117778	3.866515	0.868104	1 TBC1D14	-
ENSG00000197535	-0.116608	4.99018	0.868105	1 MYO5A	K10357
ENSG00000175215	0.109579	7.183546	0.868186	1 CTDSP2	K15731
ENSG00000101546	-0.117414	4.427147	0.868211	1 RBFA	-
ENSG00000197150	-0.111701	5.314842	0.868214	1 ABCB8	K05655
ENSG00000010244	-0.109427	7.347731	0.868342	1 ZNF207	-
ENSG00000106771	0.109442	7.097413	0.868435	1 TMEM245	-
ENSG00000099956	-0.110222	6.485957	0.868488	1 SMARCB1	K11648
ENSG00000174652	0.113946	5.359157	0.868537	1 ZNF266	K09228
ENSG00000188735	-0.116502	4.770095	0.868596	1 TMEM120B	-
ENSG00000174996	-0.111479	5.514073	0.868687	1 KLC2	K10407
ENSG00000152217	-0.142464	2.459514	0.868708	1 SETBP1	-
ENSG00000170242	0.109219	6.978929	0.868826	1 USP47	K11857
ENSG00000130717	0.113385	5.049092	0.868846	1 UCK1	K00876
ENSG00000060971	-0.112693	4.57973	0.868852	1 ACAA1	K07513
ENSG00000180879	-0.123068	3.990269	0.868943	1 SSR4	K04571
ENSG00000188177	-0.137236	2.73447	0.868977	1 ZC3H6	K12581
ENSG00000169752	0.133523	2.726376	0.868977	1 NRG4	K05458
ENSG00000183741	-0.109978	6.369913	0.868984	1 CBX6	K11453
ENSG00000156928	-0.109774	6.471212	0.869049	1 MALSU1	-
ENSG00000103507	-0.111643	5.980449	0.869054	1 BCKDK	K00905
ENSG00000128059	-0.111349	5.721029	0.869074	1 PPAT	K00764
ENSG00000124198	-0.11172	6.057498	0.869105	1 ARFGEF2	K18442
ENSG00000182986	-0.116937	4.272423	0.869141	1 ZNF320	K09228
ENSG00000082996	-0.109499	5.754707	0.8693	1 RNF13	K15692
ENSG00000203485	-0.108661	7.26323	0.869343	1 INF2	-
ENSG00000181588	-0.112429	5.369941	0.869346	1 MEX3D	K15686
ENSG00000198740	0.115874	4.895399	0.869453	1 ZNF652	-

ENSG00000116459	-0.107985	8.232217	0.869458	1 ATP5F1	K02127
ENSG00000102910	-0.114617	5.20029	0.869561	1 LONP2	K01338
ENSG00000172725	-0.10929	6.485471	0.869605	1 CORO1B	K13886
ENSG00000135441	-0.115651	4.443345	0.869744	1 BLOC1S1	-
ENSG00000196465	-0.109765	6.113654	0.869777	1 MYL6B	K12751
ENSG00000092330	0.112486	4.720057	0.869795	1 TINF2	K11112
ENSG00000141030	-0.1082	7.23383	0.869926	1 COPS3	K12177
ENSG00000007968	0.110313	5.160023	0.870164	1 E2F2	K09389
ENSG00000175203	0.107976	7.032862	0.87026	1 DCTN2	K10424
ENSG00000160161	0.218309	1.060075	0.870304	1 CILP2	-
ENSG00000176714	0.218309	1.060075	0.870304	1 CCDC121	K06883
ENSG00000260686	0.218309	1.060075	0.870304	1 CTB-36H16.2	-
ENSG00000270102	0.218309	1.060075	0.870304	1 RP11-498E2.8	-
ENSG00000119547	-0.122507	3.893287	0.870335	1 ONECUT2	-
ENSG00000204237	-0.109749	5.637201	0.870347	1 OXLD1	-
ENSG00000106266	0.109504	5.602537	0.870354	1 SNX8	K17922
ENSG00000173681	-0.126809	3.356228	0.870444	1 CXorf23	K17985
ENSG00000078319	-0.128582	3.183627	0.870482	1 PMS2P1	K10858
ENSG00000177943	-0.130882	2.987527	0.870527	1 MAMDC4	-
ENSG00000245556	-0.120169	2.981718	0.870527	1 CTD-2037K23.2	-
ENSG00000113712	0.107811	6.96459	0.870532	1 CSNK1A1	K08957
ENSG00000172465	0.112206	4.850492	0.870576	1 TCEAL1	-
ENSG00000250067	-0.133987	2.760502	0.870578	1 YJEFN3	K11353
ENSG00000117543	-0.108595	6.393572	0.870597	1 DPH5	K00586
ENSG00000135605	-0.138409	2.490936	0.870633	1 TEC	K07364
ENSG00000154146	-0.138409	2.490936	0.870633	1 NRG1	-
ENSG00000228638	-0.138409	2.490936	0.870633	1 FCF1P2	K14566
ENSG00000148341	0.108153	6.552661	0.870645	1 SH3GLB2	K11248
ENSG00000100320	-0.108131	6.700928	0.870657	1 RBFOX2	K14946
ENSG00000185808	0.111704	4.598552	0.870679	1 PIGP	K03861
ENSG00000176387	-0.14521	2.159113	0.870682	1 HSD11B2	-
ENSG00000214300	0.142368	2.12708	0.870682	1 SPDYE3	K08694
ENSG00000145088	-0.125888	2.148444	0.870682	1 EAF2	K15186
ENSG00000048649	0.109549	6.14796	0.870717	1 RSF1	K11657
ENSG00000147224	0.107118	7.703722	0.870727	1 PRPS1	K00948
ENSG00000100528	-0.108146	6.570949	0.870836	1 CNIH1	-
ENSG00000260359	0.11577	4.200662	0.870876	1 RP11-4F5.2	-
ENSG00000099624	-0.10709	7.629002	0.870912	1 ATP5D	K02134
ENSG00000163527	0.106742	8.072099	0.870966	1 STT3B	K07151
ENSG00000171858	0.106573	8.435789	0.871004	1 RPS21	K02971
ENSG00000142856	-0.108241	6.386779	0.871033	1 ITGB3BP	K11510
ENSG00000198382	0.109828	5.169808	0.87108	1 UVRAG	-
ENSG00000131171	0.116092	3.782952	0.871144	1 SH3BGR1	-
ENSG00000103994	-0.107957	6.45981	0.871246	1 ZNF106	-
ENSG00000106524	0.108879	5.577946	0.871283	1 ANKMY2	-
ENSG00000119333	-0.107068	7.198459	0.871321	1 WDR34	-
ENSG00000118640	-0.108916	5.952413	0.871354	1 VAMP8	K08512
ENSG00000213445	0.108481	5.952089	0.871354	1 SIPA1	K08013
ENSG00000076513	0.11209	5.173457	0.871382	1 ANKRD13A	-
ENSG00000156482	0.105932	10.04848	0.871391	1 RPL30	K02908
ENSG00000122376	-0.107587	6.032947	0.87145	1 FAM35A	-
ENSG00000136717	0.107003	6.996207	0.871468	1 BIN1	K12562
ENSG00000046604	-0.10678	7.37889	0.871493	1 DSG2	K07597
ENSG00000175970	-0.110055	5.309324	0.871539	1 UNC119B	-
ENSG00000065559	-0.110046	5.509269	0.871586	1 MAP2K4	K04430
ENSG00000154945	0.107908	5.395056	0.871714	1 ANKRD40	K09488
ENSG00000111237	-0.106805	7.012029	0.871842	1 VPS29	K18467
ENSG00000110060	-0.114394	3.798691	0.871922	1 PUS3	K01855

ENSG00000134759	0.107246	6.384809	0.871993	1 ELP2	K11374
ENSG00000135390	-0.105909	8.059788	0.872048	1 ATP5G2	K02128
ENSG00000146676	0.106996	6.322028	0.872158	1 PURB	K11251
ENSG00000135269	0.106344	7.067288	0.872184	1 TES	-
ENSG00000171456	0.106695	6.677502	0.87222	1 ASXL1	K11471
ENSG00000198920	0.111405	4.981263	0.872267	1 KIAA0753	-
ENSG00000138326	0.105115	10.83653	0.872296	1 RPS24	K02974
ENSG00000197885	0.114544	4.392534	0.872339	1 NKIRAS1	K17197
ENSG00000135932	-0.108033	6.259822	0.872397	1 CAB39	K08272
ENSG00000070214	0.106421	6.788832	0.872406	1 SLC44A1	-
ENSG00000047410	-0.105619	7.960865	0.872454	1 TPR	K09291
ENSG00000154767	-0.111123	5.233288	0.872499	1 XPC	K10838
ENSG00000105717	0.133785	2.50482	0.872503	1 PBX4	K15611
ENSG00000114737	0.133785	2.50482	0.872503	1 CISH	K04701
ENSG00000198252	-0.115867	4.550116	0.872573	1 STYX	K18042
ENSG00000135052	-0.105625	7.599027	0.872696	1 GOLM1	-
ENSG00000164078	-0.108557	5.280289	0.872704	1 MST1R	K05100
ENSG00000164626	0.12561	3.206849	0.872812	1 KCNK5	K04916
ENSG00000162521	0.105658	7.253349	0.87283	1 RBBP4	K10752
ENSG00000178074	-0.111573	4.62484	0.872891	1 C2orf69	-
ENSG00000139645	-0.105965	6.972439	0.872897	1 ANKRD52	K15504
ENSG00000110048	0.106145	6.595027	0.872994	1 OSBP	-
ENSG00000100348	-0.106225	6.310965	0.873011	1 TXN2	K03671
ENSG00000132773	0.111167	5.238826	0.873071	1 TOE1	K13202
ENSG00000133639	-0.106304	6.552394	0.873075	1 BTG1	K14443
ENSG00000110090	0.108735	5.886849	0.873093	1 CPT1A	K08765
ENSG00000130303	-0.104734	8.795606	0.873137	1 BST2	K06731
ENSG00000099992	0.114591	3.925489	0.873196	1 TBC1D10A	-
ENSG00000135506	0.10518	7.439016	0.873249	1 OS9	K10088
ENSG00000165782	0.110592	4.821308	0.873302	1 TMEM55B	K13084
ENSG00000163807	-0.110466	4.826778	0.873302	1 KIAA1143	K17985
ENSG00000160223	-0.10716	4.56125	0.873485	1 ICOSLG	K06710
ENSG00000161904	-0.106542	6.082305	0.873522	1 LEMD2	-
ENSG00000184602	0.115381	3.385554	0.873533	1 SNN	-
ENSG0000018510	0.105878	6.413914	0.873586	1 AGPS	K00803
ENSG00000168496	0.104395	8.317113	0.873675	1 FEN1	K04799
ENSG00000104365	-0.109853	5.104152	0.87369	1 IKBKB	K07209
ENSG00000136758	-0.104636	7.818804	0.873727	1 YME1L1	K08955
ENSG00000135720	-0.107459	5.92454	0.873745	1 DYNC1LI2	K10416
ENSG00000100058	0.109911	4.634335	0.873755	1 CRYBB2P1	K00543
ENSG00000166024	0.118587	4.235993	0.873756	1 R3HCC1L	-
ENSG00000006652	0.104868	7.270498	0.873765	1 IFRD1	-
ENSG00000133433	-0.182934	1.741872	0.873769	1 GSTT2B	K00799
ENSG00000227008	-0.182934	1.741872	0.873769	1 RP3-417G15.1	K02974
ENSG00000167815	0.104441	7.991278	0.873776	1 PRDX2	K03386
ENSG00000108312	-0.104866	7.355535	0.873814	1 UBTF	K09273
ENSG00000151694	0.106851	4.767568	0.873833	1 ADAM17	K06059
ENSG00000125691	0.103907	9.490747	0.873918	1 RPL23	K02894
ENSG00000102858	-0.106895	5.107964	0.874	1 MGRN1	K10604
ENSG00000134297	0.122094	3.551768	0.874102	1 PLEKHA8P1	-
ENSG00000218739	-0.105326	6.60783	0.87416	1 CEBPZ-AS1	K14832
ENSG00000067365	-0.111726	3.823642	0.8742	1 METTL22	-
ENSG00000100109	0.110093	4.892467	0.874256	1 TFIP11	K13103
ENSG00000147996	-0.149303	2.529808	0.874319	1 CBWD5	-
ENSG00000114391	-0.103636	9.168002	0.874348	1 RPL24	K02896
ENSG00000163597	0.108777	5.54167	0.874392	1 SNHG16	-
ENSG00000166710	0.103328	11.35762	0.874417	1 B2M	K08055
ENSG00000135521	-0.106397	5.753085	0.874621	1 LTV1	K14798

ENSG00000110107	-0.103833	7.815115	0.874696	1 PRPF19	K10599
ENSG00000177683	-0.106033	5.34858	0.874749	1 THAP5	-
ENSG00000116991	0.106521	4.841358	0.874797	1 SIPA1L2	K17702
ENSG00000134318	0.104287	6.91744	0.874817	1 ROCK2	K17388
ENSG00000115145	-0.10918	4.577877	0.874828	1 STAM2	K04705
ENSG00000100425	0.107725	5.213038	0.874903	1 BRD1	K11349
ENSG00000105323	0.10356	7.841885	0.874921	1 HNRNPUL1	K15047
ENSG00000117480	-0.223035	1.130975	0.87496	1 FAAH	K15528
ENSG00000151651	-0.223035	1.130975	0.87496	1 ADAM8	K06540
ENSG00000185803	-0.223035	1.130975	0.87496	1 SLC52A2	-
ENSG00000245146	-0.223035	1.130975	0.87496	1 LINC01024	-
ENSG00000167005	-0.104216	6.975933	0.874994	1 NUDT21	K14397
ENSG00000227372	0.108232	4.15713	0.875181	1 TP73-AS1	-
ENSG00000230311	-0.158705	2.207979	0.87526	1 AC004074.3	K17770
ENSG00000143845	0.157159	2.195027	0.87526	1 ETNK2	K00894
ENSG00000056558	0.136744	2.205406	0.87526	1 TRAF1	K03172
ENSG00000224051	-0.108132	4.907858	0.87532	1 GLTPD1	-
ENSG00000173327	0.103707	6.024641	0.875359	1 MAP3K11	K04419
ENSG00000214223	-0.103873	5.762001	0.875406	1 HNRNPA1P10	K12741
ENSG00000125753	-0.103957	6.861473	0.875447	1 VASP	K06274
ENSG00000111481	-0.103087	8.017631	0.875468	1 COPZ1	K05867
ENSG00000160256	0.10583	5.885361	0.875522	1 FAM207A	-
ENSG00000100796	-0.105438	6.106047	0.875551	1 SMEK1	K17491
ENSG00000174371	0.10369	6.881792	0.875575	1 EXO1	K10746
ENSG00000175611	-0.11299	3.046675	0.875731	1 LINC00476	-
ENSG00000229119	0.107759	4.166937	0.875766	1 CTB-63M22.1	K02941
ENSG00000138029	-0.103979	6.230944	0.87583	1 HADHB	K07509
ENSG00000160194	-0.106499	5.948163	0.87583	1 NDUFV3	K03944
ENSG00000176102	0.105232	5.798945	0.875865	1 CSTF3	K14408
ENSG00000108406	0.104171	6.184	0.87587	1 DHX40	K18711
ENSG00000156171	0.103867	6.479791	0.875896	1 DRAM2	-
ENSG00000224631	0.10273	7.772538	0.875962	1 RP11-51O6.1	K02977
ENSG00000166886	-0.107052	5.081022	0.876028	1 NAB2	-
ENSG00000196436	-0.13082	2.551809	0.876084	1 NPIPB15	-
ENSG00000006712	0.103485	6.302138	0.87611	1 PAF1	K15174
ENSG00000111605	-0.103182	7.048265	0.876152	1 CPSF6	K14398
ENSG00000029534	-0.371702	0.050164	0.876186	1 ANK1	K10380
ENSG00000119737	-0.371702	0.050164	0.876186	1 GPR75	K08417
ENSG00000139865	-0.371702	0.050164	0.876186	1 TTC6	-
ENSG00000150667	-0.371702	0.050164	0.876186	1 FSIP1	-
ENSG00000167555	-0.371702	0.050164	0.876186	1 ZNF528	K09228
ENSG00000184923	-0.371702	0.050164	0.876186	1 NUTM2A	-
ENSG00000262691	-0.371702	0.050164	0.876186	1 CTC-277H1.7	-
ENSG00000266040	-0.371702	0.050164	0.876186	1 CTB-58E17.3	-
ENSG00000272768	-0.371702	0.050164	0.876186	1 RP4-673M15.1	-
ENSG00000172426	0.334575	0.030691	0.876186	1 RSPH9	K19757
ENSG00000186792	0.334575	0.030691	0.876186	1 HYAL3	K01197
ENSG00000226403	0.334575	0.030691	0.876186	1 RP11-31F19.1	-
ENSG00000231731	0.334575	0.030691	0.876186	1 AC010976.2	-
ENSG00000232457	0.334575	0.030691	0.876186	1 SLC16A6P1	K08183
ENSG00000271789	0.334575	0.030691	0.876186	1 RP5-1112D6.7	-
ENSG00000272087	0.334575	0.030691	0.876186	1 RP11-379F4.7	-
ENSG00000100385	-0.279593	-0.001446	0.876186	1 IL2RB	K05069
ENSG00000162620	-0.279593	-0.001446	0.876186	1 LRRIQ3	-
ENSG00000162814	-0.279593	-0.001446	0.876186	1 SPATA17	-
ENSG00000166317	-0.279593	-0.001446	0.876186	1 SYNPO2L	K17985
ENSG00000182368	-0.279593	-0.001446	0.876186	1 FAM27A	-
ENSG00000186715	-0.279593	-0.001446	0.876186	1 MST1L	-

ENSG00000231240	-0.279593	-0.001446	0.876186	1 KLF2P1	K09537
ENSG00000236404	-0.279593	-0.001446	0.876186	1 RP11-125B21.2	-
ENSG00000259684	-0.279593	-0.001446	0.876186	1 RP11-120K9.2	-
ENSG00000260349	-0.279593	-0.001446	0.876186	1 RP11-473I1.5	-
ENSG00000260805	-0.279593	-0.001446	0.876186	1 RP11-61J19.4	-
ENSG00000260879	-0.279593	-0.001446	0.876186	1 RP11-483I13.5	-
ENSG00000262888	-0.279593	-0.001446	0.876186	1 RP11-462G12.2	-
ENSG00000181038	0.104057	5.562244	0.876195	1 METTL23	-
ENSG00000151092	0.106861	5.180742	0.876225	1 NGLY1	K01456
ENSG00000105607	-0.107217	4.666842	0.876279	1 GCDH	K00252
ENSG00000125741	-0.103906	4.6651	0.876279	1 OPA3	-
ENSG00000173269	0.112307	4.174205	0.876345	1 MMRN2	-
ENSG00000159217	0.103439	6.444959	0.876463	1 IGF2BP1	K17391
ENSG00000121940	-0.106604	4.979077	0.876467	1 CLCC1	-
ENSG00000141279	0.102533	7.245838	0.876595	1 NPEPPS	K08776
ENSG00000059145	0.108203	4.66925	0.87669	1 UNKL	-
ENSG00000137845	-0.102982	6.801043	0.876697	1 ADAM10	K06704
ENSG00000164104	-0.102145	7.836185	0.876714	1 HMGB2	K11295
ENSG00000182179	-0.149696	1.779092	0.876722	1 UBA7	K10698
ENSG00000189190	-0.149696	1.779092	0.876722	1 ZNF600	-
ENSG00000087338	0.10422	5.237672	0.87687	1 GMCL1	K10485
ENSG00000073350	0.103628	6.196018	0.876878	1 LLGL2	K06094
ENSG00000128245	-0.102653	6.963348	0.876887	1 YWHAH	K16198
ENSG00000196976	0.112786	3.721138	0.876943	1 LAGE3	K15902
ENSG00000213080	0.124874	3.05154	0.876967	1 RP11-312J18.5	K00802
ENSG00000087152	0.10369	5.932098	0.876977	1 ATXN7L3	K11363
ENSG00000111328	-0.103273	6.373109	0.877014	1 CDK2AP1	-
ENSG00000167840	-0.107292	4.276875	0.877048	1 ZNF232	K09230
ENSG00000067334	-0.10191	7.636538	0.877137	1 DNTTIP2	-
ENSG00000100934	-0.102765	6.660354	0.877155	1 SEC23A	K14006
ENSG00000142552	0.102633	6.612608	0.877185	1 RCN3	-
ENSG00000178338	-0.119902	3.258672	0.877231	1 ZNF354B	K09228
ENSG00000182957	-0.119902	3.258672	0.877231	1 SPATA13	K05769
ENSG00000124593	-0.113653	3.973518	0.877259	1 PRICKLE4	K17772
ENSG00000105053	0.107627	4.6076	0.877431	1 VRK3	K08816
ENSG00000163463	-0.105484	4.990151	0.877454	1 KRTCAP2	-
ENSG00000015153	-0.102898	5.29152	0.877468	1 YAF2	K11468
ENSG00000240230	-0.105821	4.680576	0.877503	1 COX19	K18183
ENSG00000162512	0.104138	5.338709	0.877769	1 SDC3	K16337
ENSG00000176953	-0.104646	5.383651	0.877804	1 NFATC2IP	-
ENSG00000156970	0.101657	7.069556	0.877815	1 BUB1B	K06637
ENSG00000164366	-0.10433	5.724356	0.877843	1 CCDC127	K16467
ENSG00000114395	0.106407	4.089176	0.877986	1 CYB561D2	K08371
ENSG00000154217	0.104482	5.468244	0.8781	1 PITPNC1	-
ENSG00000138031	0.103049	5.946398	0.878163	1 ADCY3	K08043
ENSG00000066427	-0.130893	3.078591	0.878179	1 ATXN3	K11863
ENSG00000272711	-0.120851	3.073155	0.878179	1 RP11-259N19.1	-
ENSG00000132478	-0.104147	5.301559	0.878259	1 UNK	-
ENSG00000058673	-0.101028	7.557071	0.87826	1 ZC3H11A	-
ENSG00000164074	-0.117871	3.276841	0.878288	1 C4orf29	K12307
ENSG00000134910	0.101116	7.224865	0.878318	1 STT3A	K07151
ENSG00000134202	-0.101477	6.946393	0.878321	1 GSTM3	K00799
ENSG00000151718	0.101817	6.43586	0.878424	1 WWC2	-
ENSG00000092036	-0.107	5.002515	0.878427	1 HAUS4	K16587
ENSG00000084072	-0.102136	6.341028	0.878436	1 PPIE	K09564
ENSG00000102699	-0.10331	6.007971	0.878515	1 PARP4	K10798
ENSG00000073008	-0.101833	6.471238	0.878572	1 PVR	K06539
ENSG00000159111	0.104605	5.590748	0.878593	1 MRPL10	K02864

ENSG00000104518	-0.109065	4.387844	0.878649	1 GSDMD	-
ENSG00000189060	0.107336	4.888037	0.878732	1 H1FO	K11275
ENSG00000100151	0.103552	5.351662	0.878785	1 PICK1	-
ENSG00000146587	0.104176	5.517926	0.8788	1 RBAK	K09228
ENSG00000089693	0.100063	8.347445	0.87888	1 MLF2	-
ENSG00000074603	0.102317	5.559455	0.879021	1 DPP8	K08655
ENSG00000117399	-0.100281	7.73242	0.879029	1 CDC20	K03363
ENSG00000177954	0.099669	9.387917	0.879047	1 RPS27	K02978
ENSG00000051825	0.104729	5.063617	0.879061	1 MPHOSPH9	K16775
ENSG00000118707	0.107278	4.950387	0.879072	1 TGIF2	K19553
ENSG00000172331	-0.107922	4.553808	0.879116	1 BPGM	K01837
ENSG00000100485	-0.104565	4.303739	0.879149	1 SOS2	K03099
ENSG00000186625	0.105928	4.205513	0.879162	1 KATNA1	K07767
ENSG00000167705	0.110945	3.88156	0.879214	1 RILP	K13883
ENSG00000181274	-0.100861	5.484027	0.879256	1 FRAT2	K03096
ENSG00000075618	-0.099606	8.906303	0.87928	1 FSCN1	K17455
ENSG00000078399	0.163615	1.164769	0.87929	1 HOXA9	K09294
ENSG00000161940	0.163615	1.164769	0.87929	1 BCL6B	-
ENSG00000167711	0.163615	1.164769	0.87929	1 SERPINF2	K03983
ENSG00000173013	0.163615	1.164769	0.87929	1 CCDC96	-
ENSG00000229833	0.163615	1.164769	0.87929	1 PET100	K18186
ENSG00000231064	0.163615	1.164769	0.87929	1 RP11-263K19.4	-
ENSG00000234769	0.163615	1.164769	0.87929	1 WASH4P	K18461
ENSG00000251669	0.163615	1.164769	0.87929	1 FAM86EP	-
ENSG00000185619	0.105077	5.218944	0.879323	1 PCGF3	K11488
ENSG00000168255	-0.122108	2.860194	0.879416	1 POLR2J3	K03008
ENSG00000125995	0.100704	5.638209	0.879429	1 ROMO1	-
ENSG00000151135	-0.10021	7.308493	0.879458	1 C12orf23	K15031
ENSG00000100478	-0.142903	1.829066	0.879539	1 AP4S1	K12403
ENSG00000035928	0.100547	6.720137	0.879547	1 RFC1	K10754
ENSG00000101871	-0.102134	5.712703	0.8796	1 MID1	K08285
ENSG00000176624	0.102323	5.173473	0.87962	1 MEX3C	K15686
ENSG00000184216	0.110233	4.394652	0.879621	1 IRAK1	K04730
ENSG00000124786	-0.10536	5.123135	0.879644	1 SLC35B3	K15277
ENSG00000121680	0.104104	4.957474	0.87973	1 PEX16	K13335
ENSG00000053501	-0.10443	4.114237	0.879765	1 USE1	K08507
ENSG00000123159	0.100139	6.89511	0.879827	1 GIPC1	-
ENSG00000197976	0.10026	6.325295	0.879879	1 AKAP17A	K13169
ENSG00000124217	-0.111154	3.887237	0.879898	1 MOCS3	K11996
ENSG00000131931	-0.111154	3.887237	0.879898	1 THAP1	-
ENSG00000125520	-0.100191	5.997723	0.879962	1 SLC2A4RG	-
ENSG00000087157	0.104251	5.074076	0.879973	1 PGS1	K10408
ENSG00000196531	-0.098856	9.667174	0.880001	1 NACA	K03626
ENSG00000146410	-0.103372	4.402388	0.880101	1 MTFR2	-
ENSG00000164978	-0.10443	5.22978	0.880141	1 NUDT2	K01518
ENSG00000186660	0.099788	6.971216	0.880165	1 ZFP91	-
ENSG00000130787	0.10184	5.941407	0.88017	1 HIP1R	K04559
ENSG00000154358	0.100262	6.494939	0.880201	1 OBSCN	K17531
ENSG00000138495	0.106259	4.710062	0.880268	1 COX17	K02260
ENSG00000141002	0.099947	6.569362	0.880471	1 TCF25	-
ENSG00000138246	-0.102744	5.723528	0.880568	1 DNAJC13	K09533
ENSG00000184924	0.101288	4.407176	0.880578	1 PTRHD1	-
ENSG00000181924	-0.100203	6.404506	0.880643	1 COA4	-
ENSG00000156973	0.105946	4.716753	0.880653	1 PDE6D	K13758
ENSG00000101421	-0.099381	7.053241	0.880717	1 CHMP4B	K12194
ENSG00000181004	-0.11939	2.884082	0.880773	1 BBS12	K19402
ENSG00000124228	-0.100304	6.314842	0.880922	1 DDX27	K13181
ENSG00000067113	-0.113065	4.129428	0.880922	1 PPAP2A	K01080

ENSG00000119537	-0.10037	6.065398	0.880991	1 KDSR	K04708
ENSG00000108294	-0.098626	7.675029	0.881062	1 PSMB3	K02735
ENSG00000132801	-0.123855	2.610232	0.881095	1 ZSWIM3	K17604
ENSG00000119599	0.118491	3.478946	0.881097	1 DCAF4	K11799
ENSG00000124172	0.098272	8.207648	0.8811	1 ATP5E	K02135
ENSG00000158109	0.102831	4.85508	0.881204	1 TPRG1L	-
ENSG00000159131	-0.098467	7.712295	0.881228	1 GART	K11787
ENSG00000132781	-0.103076	3.907733	0.881243	1 MUTYH	K03575
ENSG00000164068	0.104618	4.233781	0.881326	1 RNF123	K12169
ENSG00000189266	-0.113962	3.31251	0.881353	1 PNRC2	K18751
ENSG00000141741	0.101552	5.698596	0.881389	1 MIEN1	K07401
ENSG00000198763	-0.097576	10.93147	0.881392	1 MT-ND2	K03879
ENSG00000117984	0.098342	7.48134	0.881444	1 CTSD	K01379
ENSG00000172197	-0.107222	4.136868	0.881492	1 MBOAT1	K13517
ENSG00000175416	0.098948	6.677902	0.881524	1 CLTB	K04645
ENSG00000144597	0.105293	4.657143	0.881537	1 EAF1	K15186
ENSG00000102886	0.151021	2.269865	0.881549	1 GDPD3	-
ENSG00000182196	0.151021	2.269865	0.881549	1 ARL6IP4	-
ENSG00000119396	-0.098763	6.899442	0.881641	1 RAB14	K07881
ENSG00000159363	-0.104919	4.583349	0.881671	1 ATP13A2	K13526
ENSG00000223768	-0.116267	3.114144	0.881677	1 LINC00205	-
ENSG00000144476	0.109866	3.642569	0.881687	1 ACKR3	K04304
ENSG00000129245	0.098925	6.571666	0.881696	1 FXR2	K15516
ENSG00000230202	0.0979	7.867632	0.881723	1 RP11-632C17__A.1	K02905
ENSG00000114942	-0.097529	8.51385	0.881924	1 EEF1B2	K03232
ENSG00000170921	0.101858	5.389836	0.881973	1 TANC2	-
ENSG00000077152	-0.098796	6.581547	0.882042	1 UBE2T	K13960
ENSG00000112787	-0.099212	5.809677	0.882124	1 FBRSL1	-
ENSG00000114062	0.098766	6.411317	0.882126	1 UBE3A	K10587
ENSG00000166170	0.10015	6.105874	0.882129	1 BAG5	K09559
ENSG00000109686	-0.101171	5.520773	0.882162	1 SH3D19	-
ENSG00000198522	-0.101171	5.520773	0.882162	1 GPN1	K06883
ENSG00000110536	-0.100049	6.13504	0.882215	1 PTPMT1	K14165
ENSG00000258472	0.115155	1.840865	0.88223	1 RP11-192H23.4	K17529
ENSG00000130640	0.099231	6.1864	0.88224	1 TUBGCP2	K16569
ENSG00000116212	-0.098462	6.713549	0.882249	1 LRRC42	-
ENSG00000156172	-0.112079	3.33002	0.882341	1 C8orf37	K17985
ENSG00000086504	-0.097922	7.161929	0.882356	1 MRPL28	K02902
ENSG00000156795	-0.105694	4.247159	0.882379	1 WDYHV1	-
ENSG00000198836	-0.098036	6.836016	0.882597	1 OPA1	K17079
ENSG00000143621	-0.09679	8.993788	0.88265	1 ILF2	K13089
ENSG00000074621	-0.106799	2.631086	0.882677	1 SLC24A1	K13749
ENSG00000196418	-0.106799	2.631086	0.882677	1 ZNF124	K09228
ENSG00000133895	0.1025	5.054409	0.882767	1 MEN1	K14970
ENSG00000106853	0.097175	7.521768	0.88282	1 PTGR1	K13948
ENSG00000196810	-0.11799	3.506387	0.882849	1 CTBP1-AS2	-
ENSG00000185420	0.109546	3.498638	0.882849	1 SMYD3	K11426
ENSG00000115687	0.103772	4.252324	0.882898	1 PASK	K08801
ENSG00000060491	0.097867	6.597266	0.882932	1 OGFR	K08131
ENSG00000146670	0.097722	6.686869	0.882987	1 CDCA5	K17390
ENSG00000177410	0.097313	7.095756	0.883016	1 ZFAS1	-
ENSG00000163848	0.097606	6.196601	0.88306	1 ZNF148	-
ENSG00000136942	-0.096307	9.449544	0.88312	1 RPL35	K02918
ENSG00000141524	-0.108504	4.351795	0.883143	1 TMC6	K02355
ENSG00000120451	0.103916	4.348064	0.883143	1 SNX19	K17930
ENSG00000196247	0.108621	3.928443	0.883205	1 ZNF107	K09228
ENSG00000178397	0.101769	4.879138	0.88325	1 FAM220A	-
ENSG00000042445	0.09784	6.383205	0.883283	1 RETSAT	K09516

ENSG00000138162	0.098462	5.649615	0.883318	1 TACC2	K14282
ENSG00000141140	0.198421	1.21982	0.883327	1 MYO19	-
ENSG00000176024	-0.158345	1.26131	0.883327	1 ZNF613	-
ENSG00000235636	-0.158345	1.26131	0.883327	1 NUS1P1	K19177
ENSG00000188599	0.156803	1.241159	0.883327	1 NPIPP1	-
ENSG00000149806	-0.096828	7.542117	0.883329	1 FAU	K02983
ENSG00000168883	0.097306	6.797894	0.883348	1 USP39	K12847
ENSG00000052841	-0.097607	6.631925	0.883395	1 TTC17	-
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ENSG00000260671	0.122535	2.901207	0.883398	1 RP11-278A23.2	-
ENSG00000212694	-0.116761	2.907583	0.883398	1 AC084018.1	-
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ENSG00000246695	-0.116761	2.907583	0.883398	1 RASSF8-AS1	-
ENSG00000103245	0.099811	5.116439	0.883489	1 NARFL	-
ENSG00000005700	-0.097294	6.827552	0.8835	1 IBTK	-
ENSG00000203772	-0.126446	2.307636	0.883507	1 SPRN	-
ENSG00000163481	-0.102975	4.527409	0.88355	1 RNF25	K10640
ENSG00000168653	-0.096854	7.242593	0.883561	1 NDUFS5	K03938
ENSG00000089335	-0.107029	3.808016	0.883576	1 ZNF302	K09228
ENSG00000143418	0.096562	7.439227	0.883621	1 CERS2	K04710
ENSG00000171988	0.096998	5.954901	0.883646	1 JMJD1C	K11449
ENSG00000185049	0.102035	5.064934	0.883658	1 NELFA	K15179
ENSG00000120509	-0.099866	5.322521	0.883665	1 PDZD11	-
ENSG00000160310	-0.10295	5.121872	0.883773	1 PRMT2	K11435
ENSG00000101654	0.097267	5.498646	0.8838	1 RNMT	K00565
ENSG00000112983	-0.097982	6.304348	0.883807	1 BRD8	K11321
ENSG00000003056	-0.097348	6.527931	0.883866	1 M6PR	K10089
ENSG00000125356	-0.096886	6.856214	0.883953	1 NDUFA1	K03945
ENSG00000197852	0.107899	4.057893	0.884071	1 FAM212B	-
ENSG00000159128	-0.110242	3.347322	0.884268	1 IFNGR2	K05133
ENSG00000260708	-0.110242	3.347322	0.884268	1 CTA-29F11.1	-
ENSG00000115216	0.096683	6.648456	0.884286	1 NRBP1	K08875
ENSG00000105778	-0.101033	5.377336	0.884474	1 AVL9	K14404
ENSG00000079482	-0.110631	3.948145	0.884478	1 OPHN1	-
ENSG00000169087	-0.110631	3.948145	0.884478	1 HSPBAP1	K19375
ENSG00000108296	-0.100367	4.834443	0.884478	1 CWC25	-
ENSG00000100294	0.101578	5.075383	0.884534	1 MCAT	K00645
ENSG00000130816	-0.09594	7.341863	0.884569	1 DNMT1	K00558
ENSG00000117500	-0.096385	6.812425	0.884613	1 TMED5	K14825
ENSG00000123415	-0.099065	5.187092	0.884691	1 SMUG1	K10800
ENSG00000109511	-0.238666	0.162897	0.884696	1 ANXA10	K17097
ENSG00000213433	-0.238666	0.162897	0.884696	1 RP11-54C4.1	K02942
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ENSG00000105887	0.096996	6.05662	0.88472	1 MTPN	-
ENSG00000196547	-0.101278	5.23793	0.884761	1 MAN2A2	K01231
ENSG00000123505	-0.09547	7.800093	0.884779	1 AMD1	K01611
ENSG00000215271	-0.103249	4.176162	0.884802	1 HOMEZ	-
ENSG00000249641	-0.159977	1.890397	0.884803	1 HOXC13-AS	-
ENSG00000137075	-0.105092	4.544429	0.884814	1 RNF38	K19041
ENSG00000167880	-0.099627	5.631913	0.884829	1 EVPL	K10383
ENSG00000176871	0.098561	5.8447	0.884915	1 WSB2	K10342
ENSG00000204859	0.102544	4.279697	0.884931	1 ZBTB48	K10519
ENSG00000150760	0.099217	5.189196	0.884959	1 DOCK1	K13708
ENSG00000083799	0.099945	4.699998	0.885005	1 CYLD	K08601
ENSG00000111775	0.095074	8.094842	0.885009	1 COX6A1	K02266
ENSG00000072110	-0.095681	7.153035	0.885064	1 ACTN1	K05699
ENSG00000115307	-0.095827	6.975968	0.885082	1 AUP1	K19716

ENSG0000010539	-0.099825	4.774839	0.885087	1 ZNF200	K09228
ENSG00000132485	-0.094915	8.476816	0.885092	1 ZRANB2	-
ENSG00000159692	0.096015	6.598165	0.885157	1 CTBP1	K04496
ENSG00000125304	-0.095161	7.764855	0.885175	1 TM9SF2	K17086
ENSG00000184785	-0.095556	5.781268	0.885185	1 SMIM10	-
ENSG00000104852	0.094889	8.195257	0.885186	1 SNRNP70	K11093
ENSG00000108395	-0.096748	5.975608	0.88522	1 TRIM37	K10608
ENSG00000153575	0.102004	4.071064	0.885229	1 TUBGCP5	K16572
ENSG00000090060	-0.095233	7.513382	0.885274	1 PAPOLA	K14376
ENSG00000168078	0.095398	7.095427	0.885321	1 PBK	K08865
ENSG00000168172	-0.10229	4.185822	0.885336	1 HOOK3	K16536
ENSG00000161016	0.094243	11.3352	0.885383	1 RPL8	K02938
ENSG00000155640	0.110792	2.324932	0.885401	1 C10orf12	-
ENSG00000107897	-0.097262	5.638089	0.885418	1 ACBD5	-
ENSG00000121310	-0.106372	4.285886	0.885429	1 ECHDC2	-
ENSG00000060138	0.094414	9.04839	0.885466	1 YBX3	K06099
ENSG00000116266	-0.095081	5.948183	0.885505	1 STXBP3	K15301
ENSG00000006534	0.096192	6.201972	0.885563	1 ALDH3B1	K00129
ENSG00000132912	0.095442	6.095635	0.885619	1 DCTN4	K10426
ENSG00000133740	-0.130839	2.673698	0.885717	1 E2F5	K04682
ENSG00000108559	0.095165	6.92753	0.885776	1 NUP88	K14318
ENSG00000104660	-0.098611	5.605146	0.885784	1 LEPROTL1	-
ENSG00000189308	-0.097722	5.250647	0.885788	1 LIN54	-
ENSG00000172315	-0.100101	4.4771	0.886014	1 TP53RK	K08851
ENSG00000184831	-0.097704	5.792382	0.886067	1 APOO	-
ENSG00000168096	-0.102444	4.714351	0.886117	1 ANKS3	K06588
ENSG00000175216	0.094146	8.042712	0.886155	1 CKAP5	K16803
ENSG00000272888	-0.096488	5.56959	0.886167	1 AC013394.2	-
ENSG00000156642	-0.095222	6.694218	0.886173	1 NPTN	-
ENSG00000084463	0.094381	7.443255	0.886246	1 WBP11	K12866
ENSG00000164080	0.107175	3.697743	0.886257	1 RAD54L2	-
ENSG00000154122	0.095208	6.448957	0.886344	1 ANKH	K09488
ENSG00000091651	-0.096366	5.489891	0.886352	1 ORC6	K02608
ENSG00000218891	0.098047	5.572421	0.886371	1 ZNF579	-
ENSG00000141510	-0.097924	5.612333	0.886379	1 TP53	K04451
ENSG00000002822	0.096332	5.259608	0.886546	1 MAD1L1	K06638
ENSG00000165733	-0.094951	6.650817	0.886562	1 BMS1	K14569
ENSG00000082641	0.093977	7.683519	0.886565	1 NFE2L1	-
ENSG00000164327	0.094334	7.021027	0.886678	1 RICTOR	K08267
ENSG00000124201	0.094216	6.191199	0.886743	1 ZNFX1	K17985
ENSG00000138443	-0.096154	5.361426	0.88679	1 ABI2	K05751
ENSG00000124422	0.093724	7.723302	0.886845	1 USP22	K11366
ENSG00000076662	-0.098589	4.572301	0.886863	1 ICAM3	K06486
ENSG00000104408	0.093111	9.663153	0.886914	1 EIF3E	K03250
ENSG00000131187	0.095805	4.094428	0.886924	1 FI2	K01328
ENSG00000154065	-0.107137	3.981794	0.886942	1 ANKRD29	-
ENSG00000213859	-0.103735	3.710867	0.886985	1 KCTD11	-
ENSG00000135047	0.093439	8.078532	0.88699	1 CTSL	K01365
ENSG00000123395	0.095625	6.245991	0.886995	1 C12orf44	-
ENSG00000130702	0.09315	8.883427	0.887036	1 LAMA5	K06240
ENSG00000183405	-0.1067	3.381317	0.887044	1 RPS7P1	K02993
ENSG00000221823	-0.09599	5.998417	0.887053	1 PPP3R1	K06268
ENSG00000235706	-0.194716	1.281806	0.8871	1 DICER1-AS1	-
ENSG00000272077	-0.194716	1.281806	0.8871	1 RP11-348P10.2	-
ENSG00000186468	0.092863	10.34306	0.887124	1 RPS23	K02973
ENSG00000175741	-0.122716	2.959402	0.887127	1 RWDD4P2	-
ENSG00000133619	0.107992	2.953473	0.887127	1 KRBA1	-
ENSG00000183060	0.107992	2.953473	0.887127	1 LYSMD4	-

ENSG00000102898	-0.09436	6.730589	0.88716	1 NUTF2	-
ENSG00000104679	-0.101264	4.656421	0.887234	1 R3HCC1	-
ENSG00000041982	0.12715	2.350321	0.887234	1 TNC	K06252
ENSG00000100092	0.159733	1.910288	0.887266	1 SH3BP1	K12482
ENSG00000167525	0.159733	1.910288	0.887266	1 PROCA1	-
ENSG00000162924	0.134715	1.92309	0.887266	1 REL	K09254
ENSG00000132204	-0.130687	1.924134	0.887266	1 LINC00470	-
ENSG00000164066	-0.130687	1.924134	0.887266	1 INTU	K17985
ENSG00000178917	-0.130687	1.924134	0.887266	1 ZNF852	K09229
ENSG00000185347	-0.130687	1.924134	0.887266	1 C14orf80	-
ENSG00000182963	-0.095898	5.220392	0.887316	1 GJC1	K07616
ENSG00000177733	-0.093184	8.047651	0.887387	1 HNRNPA0	K12894
ENSG00000115163	0.099791	5.055735	0.887392	1 CENPA	K11495
ENSG00000173273	0.098541	4.733375	0.887566	1 TNKS	K10799
ENSG00000085978	0.097836	5.222484	0.887572	1 ATG16L1	K17890
ENSG00000182197	-0.093525	6.30436	0.887593	1 EXT1	K02366
ENSG00000124225	0.097207	5.547308	0.887601	1 PMEPA1	-
ENSG00000076554	0.092664	8.911121	0.887614	1 TPD52	-
ENSG00000161996	-0.094749	6.203868	0.887659	1 WDR90	-
ENSG00000185201	0.094192	6.3684	0.887691	1 IFITM2	K06566
ENSG00000171314	-0.093011	7.805407	0.887741	1 PGAM1	K01834
ENSG00000117640	0.097041	4.409271	0.887781	1 MTFR1L	K16800
ENSG00000188785	-0.111448	3.566729	0.887809	1 ZNF548	K09228
ENSG00000176903	-0.095345	5.175002	0.887869	1 PNMA1	-
ENSG00000163875	-0.09347	6.097137	0.887875	1 MEAF6	K11344
ENSG00000175376	-0.098118	5.119343	0.887914	1 EIF1AD	K15025
ENSG00000100600	-0.094045	6.458858	0.88795	1 LGMN	K01369
ENSG00000134884	-0.092976	7.522244	0.887988	1 ARGLU1	K13173
ENSG00000080546	-0.099551	4.111656	0.888027	1 SESN1	K10141
ENSG00000104823	0.092981	7.313555	0.888038	1 ECH1	K12663
ENSG00000182199	-0.092341	8.679669	0.888122	1 SHMT2	K00600
ENSG00000113141	0.09286	7.388525	0.888123	1 IK	K13109
ENSG00000217128	0.097246	4.50319	0.888136	1 FNIP1	-
ENSG00000100225	0.092959	7.223067	0.888142	1 FBXO7	K10293
ENSG00000144895	0.093028	7.124006	0.88815	1 EIF2A	K15026
ENSG00000169926	0.093006	7.020345	0.888278	1 KLF13	-
ENSG00000185825	0.100598	4.324196	0.888325	1 BCAP31	K14009
ENSG00000108639	-0.093321	6.70561	0.888444	1 SYNGR2	-
ENSG00000125755	0.093098	6.762349	0.888456	1 SYMPK	K06100
ENSG00000037757	-0.098606	5.335606	0.88846	1 MRI1	K08963
ENSG00000171307	0.094829	5.822383	0.888463	1 ZDHHC16	K18932
ENSG00000137970	0.091968	8.340241	0.888649	1 RPL7P9	K02937
ENSG00000158987	0.105884	3.406565	0.888822	1 RAPGEF6	K08020
ENSG00000129250	0.092059	7.665901	0.88889	1 KIF1C	K10392
ENSG00000099910	0.099176	3.87574	0.8889	1 KLHL22	K07604
ENSG00000074370	0.095404	4.229189	0.88894	1 ATP2A3	K05853
ENSG00000178295	-0.095469	4.752226	0.888978	1 GEN1	K15338
ENSG00000147454	0.094729	5.86441	0.889074	1 SLC25A37	K15113
ENSG00000120805	-0.092836	6.664286	0.889087	1 ARL1	K07942
ENSG00000176170	-0.093248	6.343215	0.889108	1 SPHK1	K04718
ENSG00000147251	0.10587	3.216742	0.889108	1 DOCK11	-
ENSG00000050405	-0.091504	8.581474	0.889169	1 LIMA1	-
ENSG00000133065	0.094295	5.191607	0.889171	1 SLC41A1	K15122
ENSG00000188612	-0.09174	7.954416	0.889183	1 SUMO2	K12160
ENSG00000114573	0.093522	5.934235	0.889279	1 ATP6V1A	K02145
ENSG00000078043	-0.098569	4.011907	0.889303	1 PIAS2	K16063
ENSG00000123144	0.091985	7.100855	0.889429	1 C19orf43	-
ENSG00000158710	0.091067	9.312168	0.889448	1 TAGLN2	-

ENSG00000103126	0.092711	6.379505	0.889454	1 AXIN1	K02157
ENSG00000137764	0.100226	4.431785	0.889535	1 MAP2K5	K04463
ENSG00000153113	0.091116	8.655634	0.889562	1 CAST	K04281
ENSG00000122359	0.091826	7.156348	0.889568	1 ANXA11	K17095
ENSG00000137275	-0.092619	5.487939	0.88957	1 RIPK1	K02861
ENSG00000007376	-0.092589	6.12064	0.889659	1 RPUSD1	-
ENSG00000157778	0.092391	6.496858	0.88966	1 PSMG3	K11877
ENSG00000073803	0.099852	4.341617	0.889719	1 MAP3K13	K04422
ENSG00000055211	-0.09537	5.695048	0.889744	1 GINM1	-
ENSG00000167900	0.091661	7.092198	0.889828	1 TK1	K00857
ENSG00000155660	-0.091025	8.216041	0.889905	1 PDIA4	K09582
ENSG00000111206	-0.091758	7.04234	0.889907	1 FOXM1	K09406
ENSG00000084652	-0.091967	6.792017	0.889958	1 TXLNA	-
ENSG00000177646	-0.092456	6.398306	0.889963	1 ACAD9	K15980
ENSG00000100258	0.0919	6.659331	0.890028	1 LMF2	-
ENSG00000116903	0.09563	5.0935	0.890191	1 EXOC8	-
ENSG00000088387	0.093717	5.810704	0.890196	1 DOCK9	-
ENSG00000153037	-0.092794	5.776481	0.890281	1 SRP19	K03105
ENSG00000089006	-0.091711	6.704776	0.890383	1 SNX5	K17920
ENSG00000223855	0.096661	3.427268	0.890544	1 AC147651.3	-
ENSG00000123975	-0.091135	7.092672	0.890604	1 CKS2	K02219
ENSG00000092439	-0.091854	6.438792	0.890618	1 TRPM7	K04982
ENSG00000152270	0.10585	2.998124	0.890624	1 PDE3B	K13296
ENSG00000163083	-0.18274	1.351736	0.890635	1 INHBB	K04667
ENSG00000179476	-0.18274	1.351736	0.890635	1 C14orf28	-
ENSG00000235944	0.150697	1.313696	0.890635	1 ZNF815P	K09228
ENSG00000176927	-0.148115	1.332281	0.890635	1 EFCAB5	-
ENSG00000224818	-0.148115	1.332281	0.890635	1 RP11-134G8.8	-
ENSG00000069696	0.112395	1.33358	0.890635	1 DRD4	K04147
ENSG00000070371	0.112395	1.33358	0.890635	1 CLTCL1	K04646
ENSG00000149564	0.112395	1.33358	0.890635	1 ESAM	K06787
ENSG00000198380	-0.09077	7.432479	0.890722	1 GFPT1	K00820
ENSG00000126249	-0.097224	4.624766	0.890749	1 PDCD2L	K14801
ENSG00000022840	0.090776	7.21835	0.890778	1 RNF10	-
ENSG00000085733	0.090569	7.519345	0.890788	1 CTTN	K06106
ENSG00000159377	-0.090234	8.371186	0.890789	1 PSMB4	K02736
ENSG00000140987	0.097106	4.845976	0.890833	1 ZSCAN32	K09228
ENSG00000186416	-0.092515	5.631917	0.890854	1 NKRF	-
ENSG00000108179	-0.090545	7.559449	0.890891	1 PPIF	K09565
ENSG00000112200	-0.091514	6.486507	0.890949	1 ZNF451	-
ENSG00000151893	0.090899	6.885084	0.890961	1 CACUL1	-
ENSG00000127080	0.098368	4.031409	0.89101	1 IPPK	K10572
ENSG00000198732	-0.090967	6.803055	0.891148	1 SMOC1	-
ENSG00000107968	0.096213	4.708431	0.891252	1 MAP3K8	K04415
ENSG00000165124	-0.091305	6.444845	0.891269	1 SVEP1	K17495
ENSG00000106263	0.089628	8.867149	0.891294	1 EIF3B	K03253
ENSG00000172809	-0.089678	8.798161	0.891298	1 RPL38	K12581
ENSG00000237686	-0.108713	2.746755	0.891349	1 RP5-1120P11.1	-
ENSG00000182372	0.105823	2.740394	0.891349	1 CLN8	-
ENSG00000172830	-0.097147	4.548136	0.891373	1 SSH3	K05766
ENSG00000172765	0.103719	3.90819	0.891384	1 TMCC1	-
ENSG00000073584	0.091522	6.025291	0.891488	1 SMARCE1	K11651
ENSG00000125835	-0.089804	7.979829	0.891505	1 SNRPB	K11086
ENSG00000153827	0.091225	5.99603	0.891588	1 TRIP12	K10590
ENSG00000013306	-0.089514	8.506683	0.891602	1 SLC25A39	K15119
ENSG00000126746	0.090696	5.932795	0.89165	1 ZNF384	-
ENSG00000078674	0.090737	6.433289	0.891746	1 PCM1	K16537
ENSG00000079313	0.093296	5.278951	0.891754	1 REXO1	K14570

ENSG00000104915	-0.091197	6.176865	0.891813	1 STX10	K08498
ENSG00000214176	-0.147146	1.981602	0.891888	1 PLEKHM1P	-
ENSG00000106479	0.107849	1.980967	0.891888	1 ZNF862	-
ENSG00000154429	0.092525	4.716813	0.891952	1 CCSAP	K16454
ENSG00000163734	0.206774	0.23912	0.89207	1 CXCL3	K05505
ENSG00000234949	0.206774	0.23912	0.89207	1 AC104667.3	K15696
ENSG00000252690	0.206774	0.23912	0.89207	1 SCARNA15	-
ENSG00000266904	0.206774	0.23912	0.89207	1 LINC00663	-
ENSG00000270441	0.206774	0.23912	0.89207	1 RP11-694I15.7	K06243
ENSG00000271833	0.206774	0.23912	0.89207	1 RP11-356B19.11	-
ENSG00000271895	0.206774	0.23912	0.89207	1 RP4-635E18.8	-
ENSG00000272787	0.206774	0.23912	0.89207	1 KB-226F1.2	-
ENSG00000154511	-0.100617	4.046831	0.89212	1 FAM69A	-
ENSG00000135723	-0.093135	5.524589	0.892224	1 FHOD1	-
ENSG00000105676	0.092433	5.523659	0.892224	1 ARMC6	-
ENSG00000146281	-0.093065	5.062745	0.892282	1 PM20D2	K17985
ENSG00000118515	0.088622	9.642412	0.892342	1 SGK1	K13302
ENSG00000183291	-0.088864	8.559348	0.892366	1	15-Sep -
ENSG00000166452	0.09142	6.10011	0.892514	1 AKIP1	-
ENSG00000183513	0.094668	5.18197	0.892629	1 COA5	K18178
ENSG00000108784	-0.091922	5.237918	0.892662	1 NAGLU	K01205
ENSG00000179750	0.089466	4.801073	0.892687	1 APOBEC3B	K18750
ENSG00000137509	0.088686	7.712647	0.89293	1 PRCP	K01285
ENSG00000164919	-0.08857	8.084318	0.892937	1 COX6C	K02268
ENSG00000102870	-0.10911	3.272131	0.89295	1 ZNF629	K09228
ENSG00000160058	0.092324	5.847742	0.892954	1 BSDC1	-
ENSG00000180574	-0.094572	4.652907	0.892955	1 EIF2S3L	K03242
ENSG00000095203	-0.09679	4.806504	0.893012	1 EPB41L4B	-
ENSG00000129473	0.095894	4.876173	0.893036	1 BCL2L2	K02163
ENSG00000233913	0.091679	5.1303	0.893113	1 CTC-575D19.1	K02866
ENSG00000108523	0.08902	6.958526	0.893146	1 RNF167	K15706
ENSG00000134186	-0.089021	7.012785	0.89324	1 PRPF38B	K12850
ENSG00000129347	0.090283	6.200168	0.893567	1 KRI1	K14786
ENSG00000213553	0.088367	7.33516	0.893586	1 RPLP0P6	K02941
ENSG00000089486	0.092967	4.951847	0.893644	1 CDIP1	-
ENSG00000214078	-0.089394	6.385788	0.893668	1 CPNE1	-
ENSG00000116985	0.094598	4.662402	0.893671	1 BMP8B	K16622
ENSG00000117569	0.094256	4.578588	0.89368	1 PTBP2	K14948
ENSG00000153814	-0.094836	4.490781	0.893689	1 JAZF1	K19495
ENSG00000113580	0.088671	6.818998	0.893721	1 NR3C1	K05771
ENSG00000172757	-0.087512	9.553188	0.893726	1 CFL1	K05765
ENSG00000122218	0.087779	8.244946	0.893748	1 COPA	K05236
ENSG00000011454	0.090693	5.670435	0.893771	1 RABGAP1	K09488
ENSG00000172840	-0.100984	3.804803	0.893781	1 PDP2	K01102
ENSG00000146938	-0.102598	3.652775	0.893806	1 NLGN4X	K07378
ENSG00000126107	0.092288	5.305821	0.893844	1 HECTD3	K12233
ENSG00000152433	0.145192	1.382752	0.893954	1 ZNF547	K09228
ENSG00000224281	0.145192	1.382752	0.893954	1 SLC25A5-AS1	-
ENSG00000224738	-0.138895	1.399945	0.893954	1 AC099850.1	-
ENSG00000226287	-0.138895	1.399945	0.893954	1 TMEM191A	-
ENSG00000215788	-0.11849	2.779346	0.893961	1 TNFRSF25	K05160
ENSG00000261115	-0.11849	2.779346	0.893961	1 TMEM178B	-
ENSG00000109736	-0.091066	5.547265	0.893987	1 MFSD10	-
ENSG00000106615	0.088216	7.079912	0.893994	1 RHEB	K07208
ENSG00000089820	-0.111157	2.442361	0.894017	1 ARHGAP4	K07526
ENSG00000196074	-0.111157	2.442361	0.894017	1 SYCP2	K19529
ENSG00000235477	-0.111157	2.442361	0.894017	1 RP11-122G18.5	-
ENSG00000130487	0.128736	2.012935	0.894059	1 KLHDC7B	-

ENSG00000101019	-0.09061	5.593394	0.89416	1 UQCC1	K17662
ENSG00000131828	-0.08723	9.058254	0.89418	1 PDHA1	K00161
ENSG00000102572	0.08794	7.179821	0.894233	1 STK24	K08838
ENSG00000141560	-0.090181	5.638093	0.894323	1 FN3KRP	K15523
ENSG00000143367	-0.088542	5.596116	0.894346	1 TUFT1	K12581
ENSG00000103429	0.088874	6.240181	0.894406	1 BFAR	K15684
ENSG00000123815	0.090233	4.587762	0.894427	1 ADCK4	K08869
ENSG00000144524	-0.091281	5.367807	0.894489	1 COPS7B	K12180
ENSG00000162244	0.087006	8.724855	0.894506	1 RPL29	K02905
ENSG00000213614	-0.088358	6.067387	0.89452	1 HEXA	K12373
ENSG00000124688	0.089708	5.315771	0.894523	1 MAD2L1BP	-
ENSG00000165392	-0.098584	4.408561	0.894546	1 WRN	K10900
ENSG00000113658	0.089356	6.157778	0.894586	1 SMAD5	K16790
ENSG00000232388	0.094065	4.676199	0.894727	1 LINC00493	-
ENSG00000259917	-0.107236	3.290136	0.894774	1 HNRNPLP2	K13159
ENSG00000176715	0.088938	5.514089	0.894791	1 ACSF3	K18660
ENSG00000186594	0.096217	4.084114	0.894797	1 MIR22HG	-
ENSG00000131375	0.090202	5.684152	0.894825	1 CAPN7	K08576
ENSG00000114098	-0.090897	5.372047	0.894922	1 ARMC8	-
ENSG00000142949	-0.086737	8.13776	0.895124	1 PTPRF	K05695
ENSG00000071859	-0.101224	3.666631	0.895206	1 FAM50A	K13119
ENSG00000134698	-0.115679	2.804598	0.895221	1 AGO4	K11593
ENSG00000113558	0.08646	8.548713	0.895224	1 SKP1	K03094
ENSG00000144659	-0.088618	5.274617	0.895255	1 SLC25A38	K15118
ENSG00000221968	-0.08741	6.919545	0.89529	1 FADS3	K10225
ENSG00000171680	-0.093079	4.422901	0.895379	1 PLEKHG5	K19464
ENSG00000112149	-0.087672	5.477153	0.895434	1 CD83	K06510
ENSG00000069424	0.089716	4.602287	0.895529	1 KCNAB2	K04883
ENSG00000204682	-0.088203	4.605039	0.895529	1 CASC10	K09228
ENSG00000164897	0.0866	6.051316	0.895625	1 TMUB1	-
ENSG00000182095	-0.087296	6.735561	0.89566	1 TNRC18	-
ENSG00000183726	-0.08709	6.931447	0.895662	1 TMEM50A	-
ENSG00000179454	0.110907	3.303608	0.895662	1 KLHL28	K10464
ENSG00000166912	-0.096804	3.303315	0.895662	1 MTMR10	K18085
ENSG00000100908	0.094899	3.830256	0.895664	1 EMC9	-
ENSG00000136536	0.087556	6.375796	0.895664	1	7-Mar K10662
ENSG00000148335	-0.087462	6.232154	0.89586	1 NTMT1	K16219
ENSG00000185651	0.086312	7.546566	0.895907	1 UBE2L3	K04552
ENSG00000224578	-0.08744	6.442843	0.895924	1 HNRNPA1P48	K12741
ENSG00000071082	0.085661	9.618369	0.895928	1 RPL31	K02910
ENSG00000203950	-0.088796	5.530292	0.895953	1 FAM127B	-
ENSG00000110619	-0.08671	7.046679	0.89599	1 CARS	K01883
ENSG00000168522	-0.090071	5.619488	0.895993	1 FNTA	K05955
ENSG00000120948	-0.086005	8.015186	0.896074	1 TARDBP	-
ENSG00000158019	-0.086992	5.439261	0.896112	1 BRE	K12173
ENSG00000143570	-0.085895	8.136674	0.896142	1 SLC39A1	K14709
ENSG00000178952	-0.085776	8.403937	0.896162	1 TUFM	K02358
ENSG00000169583	-0.094068	3.509837	0.896176	1 CLIC3	K05023
ENSG00000148943	-0.08767	5.705173	0.896198	1 LIN7C	K04613
ENSG00000177885	0.087061	6.390512	0.896237	1 GRB2	K04364
ENSG00000145241	-0.09738	3.841921	0.896277	1 CENPC	K11497
ENSG00000166136	-0.091944	4.923782	0.896324	1 NDUFB8	K03964
ENSG00000121274	0.090166	4.107267	0.896341	1 PAPD5	K03514
ENSG00000170846	0.090166	4.107267	0.896341	1 AC093323.3	-
ENSG00000134996	0.089192	5.055759	0.896351	1 OSTF1	-
ENSG00000203896	0.102288	2.817166	0.896452	1 LIME1	-
ENSG00000179262	-0.085825	7.663898	0.896513	1 RAD23A	K10839
ENSG00000142197	-0.095123	3.320941	0.896536	1 DOPEY2	K12581

ENSG00000169992	0.086736	6.431245	0.896566	1 NLGN2	K07378
ENSG00000134222	-0.089049	5.670302	0.89662	1 PSRC1	-
ENSG00000143771	-0.088041	6.157351	0.896621	1 CNIH4	-
ENSG00000121766	0.086661	6.127342	0.896684	1 ZCCHC17	K11723
ENSG00000134644	-0.086371	6.774126	0.896724	1 PUM1	K17943
ENSG00000129562	0.08662	6.37209	0.896797	1 DAD1	K12668
ENSG00000168003	0.084776	10.84336	0.896862	1 SLC3A2	K06519
ENSG00000123064	0.085813	7.093779	0.896879	1 DDX54	K14808
ENSG00000239857	0.100843	3.518061	0.896934	1 GET4	-
ENSG00000133872	-0.08572	7.283456	0.896947	1 TMEM66	-
ENSG00000198231	0.085503	7.389013	0.897	1 DDX42	K12835
ENSG00000072121	0.090606	4.231567	0.897061	1 ZFYVE26	K19027
ENSG00000186086	0.175681	1.430391	0.897076	1 NBPF6	-
ENSG00000228109	0.175681	1.430391	0.897076	1 MFI2-AS1	-
ENSG00000186010	-0.088326	5.352865	0.897155	1 NDUFA13	K11353
ENSG00000138433	0.088259	4.537653	0.897171	1 CIR1	K06066
ENSG00000105583	0.086309	6.349131	0.897208	1 WDR83OS	-
ENSG00000118655	0.087103	5.190417	0.897337	1 DCLRE1B	K15341
ENSG00000104341	-0.084416	9.187273	0.897551	1 LAPTM4B	K12387
ENSG00000135597	-0.091327	4.797052	0.897558	1 REPS1	-
ENSG00000011478	0.085095	6.015138	0.897642	1 QPCTL	K00683
ENSG00000108773	-0.124922	2.835906	0.897654	1 KAT2A	K06062
ENSG00000169169	-0.124922	2.835906	0.897654	1 CPT1C	K19524
ENSG00000144040	-0.112966	2.829417	0.897654	1 SFXN5	K12484
ENSG00000183891	-0.107351	3.532969	0.89768	1 TTC32	-
ENSG00000079150	-0.100015	3.529055	0.89768	1 FKBP7	K09573
ENSG00000169764	-0.084966	7.349731	0.897799	1 UGP2	K00963
ENSG00000177239	-0.086148	6.260453	0.897829	1 MAN1B1	K01230
ENSG00000147533	-0.089155	5.414807	0.897855	1 GOLGA7	-
ENSG00000120889	0.085143	6.87911	0.897908	1 TNFRSF10B	K04722
ENSG00000169490	0.086334	5.645231	0.897937	1 TM2D2	-
ENSG00000147010	-0.088592	5.140608	0.897984	1 SH3KBP1	K12470
ENSG00000104221	0.101036	3.104047	0.898	1 BRF2	K15197
ENSG00000048828	-0.084468	7.871525	0.898016	1 FAM120A	-
ENSG00000163249	-0.092602	4.94813	0.898034	1 CCNYL1	-
ENSG00000173889	0.090271	4.947596	0.898034	1 PHC3	K11458
ENSG00000133789	-0.084997	7.066446	0.898035	1 SWAP70	-
ENSG00000176894	0.090666	4.354611	0.898093	1 PXMP2	K13347
ENSG00000260917	0.126018	2.055837	0.89815	1 RP11-57H14.4	-
ENSG00000153234	0.088474	4.004435	0.898213	1 NR4A2	K08558
ENSG00000131724	0.084449	7.454006	0.898224	1 IL13RA1	K05076
ENSG00000028310	0.085012	6.601745	0.898402	1 BRD9	K11723
ENSG00000119723	-0.098545	3.544144	0.898416	1 COQ6	K06126
ENSG00000162062	-0.090973	4.729252	0.898427	1 C16orf59	-
ENSG00000100053	-0.280451	0.351706	0.898528	1 CRYBB3	-
ENSG00000136630	-0.280451	0.351706	0.898528	1 HLX	K09339
ENSG00000163666	-0.280451	0.351706	0.898528	1 HESX1	K09354
ENSG00000188897	-0.280451	0.351706	0.898528	1 CTD-3088G3.8	-
ENSG00000232882	-0.280451	0.351706	0.898528	1 PHKA1P1	K07190
ENSG00000266947	-0.280451	0.351706	0.898528	1 RP11-799D4.4	-
ENSG00000268358	-0.280451	0.351706	0.898528	1 EPB41L4A-AS2	-
ENSG00000162526	0.270897	0.340128	0.898528	1 TSSK3	K08811
ENSG00000187942	0.270897	0.340128	0.898528	1 LDLRAD2	-
ENSG00000233554	0.270897	0.340128	0.898528	1 RP11-326F20.5	-
ENSG00000253320	0.270897	0.340128	0.898528	1 KB-1507C5.2	-
ENSG00000152939	0.18922	0.380917	0.898528	1 MARVELD2	K17291
ENSG00000229980	0.18922	0.380917	0.898528	1 TOB1-AS1	-
ENSG00000198700	0.084337	7.235308	0.898533	1 IPO9	-

ENSG00000081177	0.09962	3.714657	0.898551	1 EXD2	K12606
ENSG00000172059	0.090326	5.023746	0.898637	1 KLF11	K09209
ENSG00000078668	-0.084931	6.614181	0.898681	1 VDAC3	K15041
ENSG00000170248	-0.084553	6.910475	0.898747	1 PDCD6IP	K12200
ENSG00000120063	-0.085356	5.894678	0.898768	1 GNA13	K04639
ENSG00000177830	0.08683	5.268752	0.898781	1 CHID1	K17525
ENSG00000183684	-0.084609	6.812861	0.898798	1 ALYREF	K12881
ENSG00000186577	0.088499	2.848329	0.898828	1 C6orf1	-
ENSG00000117691	-0.089134	5.526492	0.898909	1 NENF	-
ENSG00000145391	0.084869	6.360385	0.898923	1 SETD7	K11431
ENSG00000103852	-0.104369	3.128989	0.898973	1 TTC23	-
ENSG00000011260	-0.08425	7.028673	0.898977	1 UTP18	K14553
ENSG00000178802	0.085823	5.430087	0.899063	1 MPI	K01809
ENSG00000091640	0.085197	5.968957	0.899082	1 SPAG7	-
ENSG00000185658	0.084408	6.036683	0.899104	1 BRWD1	K11798
ENSG00000011566	0.086343	4.892544	0.899122	1 MAP4K3	K04406
ENSG00000176783	-0.086329	5.621273	0.899124	1 RUFY1	K12482
ENSG00000139697	0.086207	6.102654	0.899249	1 SBNO1	-
ENSG00000182841	0.088747	4.147443	0.899296	1 RRP7B	K14545
ENSG00000007202	0.083582	7.400215	0.899312	1 KIAA0100	-
ENSG00000106789	0.090053	4.371669	0.899338	1 CORO2A	K13887
ENSG00000269190	-0.089072	4.822056	0.899401	1 FBXO17	K10101
ENSG00000077713	-0.088216	5.27914	0.899446	1 SLC25A43	K15120
ENSG00000128309	0.083705	6.924596	0.899594	1 MPST	K01011
ENSG00000150867	-0.089199	4.748943	0.899708	1 PIP4K2A	K00920
ENSG00000073849	-0.090815	4.575938	0.899725	1 ST6GAL1	K00778
ENSG00000198677	-0.083613	7.004296	0.899773	1 TTC37	K12600
ENSG00000132768	-0.08494	5.755544	0.899796	1 DPH2	K17866
ENSG00000089022	-0.084424	5.491841	0.899842	1 MAPKAPK5	K04442
ENSG00000100221	-0.083752	6.75762	0.899904	1 JOSD1	K15235
ENSG00000100162	0.08431	5.042519	0.899942	1 CENPM	K11505
ENSG00000118162	-0.096151	2.871522	0.899976	1 KPTN	-
ENSG00000187908	-0.162134	1.48225	0.900018	1 DMBT1	K13912
ENSG00000143450	0.105579	1.466637	0.900018	1 OAZ3	K16614
ENSG00000171403	0.105579	1.466637	0.900018	1 KRT9	K07604
ENSG00000188559	-0.116198	2.54382	0.90003	1 RALGAPA2	-
ENSG00000124006	-0.086638	5.396188	0.900065	1 OBSL1	K19574
ENSG00000111860	-0.130733	2.108496	0.900079	1 CEP85L	K16766
ENSG00000119280	-0.087306	4.486829	0.900113	1 C1orf198	-
ENSG00000188529	-0.092135	4.387724	0.900151	1 SRSF10	-
ENSG00000115486	0.083898	6.32251	0.900154	1 GGCX	K10106
ENSG00000100632	-0.082991	7.347588	0.900185	1 ERH	-
ENSG00000197299	-0.087827	5.497674	0.90022	1 BLM	K10901
ENSG00000161036	-0.086874	4.980413	0.900229	1 LRWD1	-
ENSG00000100220	-0.083189	7.001222	0.900288	1 RTCB	K14415
ENSG00000167536	0.098503	3.741159	0.900458	1 DHRS13	K11169
ENSG00000198612	-0.084745	5.918793	0.900479	1 COPS8	K12181
ENSG00000150054	-0.084955	5.882097	0.900503	1 MPP7	-
ENSG00000125457	-0.084081	4.913612	0.900542	1 MIF4GD	-
ENSG00000137273	0.083942	5.550117	0.900561	1 FOXF2	K09399
ENSG00000166848	-0.084259	5.685719	0.900639	1 TERF2IP	K11113
ENSG00000110711	0.08645	5.64172	0.900671	1 AIP	K17767
ENSG00000152234	0.08171	9.214755	0.900786	1 ATP5A1	K02132
ENSG00000168264	-0.08257	7.190791	0.900839	1 IRF2BP2	-
ENSG00000198492	-0.082928	6.767314	0.900885	1 YTHDF2	-
ENSG00000176046	0.083578	6.063169	0.900905	1 NUPR1	K15626
ENSG00000115459	0.08612	3.905475	0.900932	1 ELMOD3	-
ENSG00000223764	0.086499	5.057083	0.900962	1 RP11-54O7.3	-

ENSG00000160209	0.081698	8.444865	0.901022	1 PDXK	K00868
ENSG00000125482	-0.088118	4.685612	0.901039	1 TTF1	K15225
ENSG00000100138	-0.081898	7.932207	0.901086	1 NHP2L1	K12845
ENSG00000242294	0.111473	2.883788	0.901097	1 STAG3L5P	K13055
ENSG00000149929	0.087733	4.176856	0.901175	1 HIRIP3	-
ENSG00000140105	0.08155	8.278926	0.901265	1 WARS	K01867
ENSG00000188242	-0.083595	5.652985	0.901344	1 CTD-2228K2.5	-
ENSG00000175387	-0.082594	6.722769	0.901347	1 SMAD2	K04500
ENSG00000134330	-0.096322	3.91639	0.901485	1 IAH1	K17985
ENSG00000140740	-0.081743	7.580947	0.901505	1 UQCRC2	K00415
ENSG00000157593	0.082059	6.978465	0.901524	1 SLC35B2	K15276
ENSG00000136709	0.083474	5.9335	0.901588	1 WDR33	K15542
ENSG00000123297	-0.082521	6.534144	0.901706	1 TSFM	K02357
ENSG00000251381	0.083706	5.365576	0.90173	1 LINC00958	-
ENSG00000116213	-0.085893	4.410536	0.901738	1 WRAP73	-
ENSG00000188976	-0.081372	7.899351	0.901741	1 NOC2L	K14833
ENSG00000163348	0.082804	6.17061	0.901759	1 PYGO2	-
ENSG00000112306	-0.080872	9.55853	0.90176	1 RPS12	K02951
ENSG00000162928	0.082515	5.471217	0.901773	1 PEX13	K13344
ENSG00000011485	-0.082506	6.500161	0.901776	1 PPP5C	K04460
ENSG00000046647	0.098466	3.164054	0.901785	1 GEMIN8	K13136
ENSG00000112367	0.092058	4.05542	0.901815	1 FIG4	-
ENSG00000106397	-0.081894	7.024648	0.901826	1 PLOD3	K13646
ENSG00000143398	0.081541	7.191244	0.901949	1 PIP5K1A	K00889
ENSG00000198169	-0.083881	5.475183	0.901961	1 ZNF251	K09228
ENSG00000154781	-0.089652	3.924997	0.902032	1 CCDC174	-
ENSG00000174574	0.081588	6.92278	0.902151	1 AKIRIN1	-
ENSG00000162735	0.083998	5.663522	0.902172	1 PEX19	K13337
ENSG00000138592	-0.082043	6.539811	0.902273	1 USP8	K11839
ENSG00000106003	0.090799	3.770491	0.902294	1 LFNG	K05948
ENSG00000087510	0.087737	4.313303	0.902318	1 TFAP2C	K09177
ENSG00000100104	-0.088297	4.519698	0.902323	1 SRRD	-
ENSG00000103502	-0.082163	5.982585	0.902337	1 CDIPT	K00999
ENSG00000100380	0.080475	8.77064	0.902394	1 ST13	K09560
ENSG00000114742	-0.088851	4.789136	0.902478	1 WDR48	K15361
ENSG00000138092	-0.08349	4.61757	0.902493	1 CENPO	K11507
ENSG00000145685	0.082329	5.266479	0.902549	1 LHFPL2	-
ENSG00000134317	-0.092961	3.602976	0.90262	1 GRHL1	K09275
ENSG00000145216	0.081678	5.432122	0.902623	1 FIP1L1	K14405
ENSG00000139977	-0.089567	4.707597	0.902643	1 NAA30	K00670
ENSG00000087301	0.107698	3.178456	0.902688	1 TXNDC16	-
ENSG00000115524	0.08029	8.423548	0.902734	1 SF3B1	K12828
ENSG00000079462	-0.084254	5.272346	0.902763	1 PAFAH1B3	K16795
ENSG00000072195	0.083432	4.791623	0.902776	1 SPEG	K08809
ENSG00000138678	-0.127264	2.581315	0.902788	1 AGPAT9	K13506
ENSG00000166262	-0.127264	2.581315	0.902788	1 FAM227B	-
ENSG00000255857	-0.127264	2.581315	0.902788	1 PXN-AS1	-
ENSG00000126106	-0.112933	2.573496	0.902788	1 TMEM53	K13194
ENSG00000197147	-0.112933	2.573496	0.902788	1 LRRC8B	K09488
ENSG00000104892	0.135663	1.511653	0.902795	1 KLC3	K10407
ENSG00000160117	0.135663	1.511653	0.902795	1 ANKLE1	-
ENSG00000247796	-0.12294	1.526493	0.902795	1 CTD-2366F13.1	-
ENSG00000066697	-0.087714	5.150514	0.9028	1 MSANTD3	-
ENSG00000197965	0.080704	7.298804	0.90287	1 MPZL1	K06770
ENSG00000138434	0.080426	7.602915	0.902981	1 SSFA2	-
ENSG00000075275	0.081374	6.405581	0.903066	1 CELSR1	K04600
ENSG00000134954	0.083236	4.797946	0.903072	1 ETS1	K02678
ENSG00000151466	-0.089308	4.323463	0.903142	1 SCLT1	-

ENSG00000167775	0.0809	6.736202	0.903192	1 CD320	K06734
ENSG00000184840	0.080037	7.987518	0.903229	1 TMED9	-
ENSG00000107872	-0.08212	5.157891	0.903263	1 FBXL15	K10281
ENSG00000175866	-0.08212	5.157891	0.903263	1 BAIAP2	K05627
ENSG00000101365	-0.080985	6.681515	0.903344	1 IDH3B	K00030
ENSG00000184743	0.081158	6.225578	0.903395	1 ATL3	K17339
ENSG00000170312	-0.079823	8.080485	0.903515	1 CDK1	K02087
ENSG00000135250	0.08171	6.166337	0.903555	1 SRPK2	K08831
ENSG00000189171	-0.082529	6.104825	0.903729	1 S100A13	-
ENSG00000079459	-0.079851	7.66803	0.90373	1 FDFT1	K00801
ENSG00000006576	-0.081867	6.002553	0.903765	1 PHTF2	-
ENSG00000108479	0.081355	6.003552	0.903765	1 GALK1	K00849
ENSG00000178999	-0.080769	6.50934	0.903857	1 AURKB	K11479
ENSG00000104147	-0.084275	5.399307	0.903909	1 OIP5	K11565
ENSG00000180198	-0.080367	6.807409	0.903924	1 RCC1	K11493
ENSG00000163041	-0.081297	5.16768	0.903949	1 H3F3A	K11253
ENSG00000116815	-0.083361	5.228584	0.903992	1 CD58	K06492
ENSG00000218426	0.079727	7.313492	0.904038	1 RP11-475C16.1	K02900
ENSG00000001460	-0.109803	2.602577	0.904111	1 STPG1	-
ENSG00000011422	-0.080389	6.646938	0.904111	1 PLAUR	K03985
ENSG00000144935	-0.248559	0.48187	0.904233	1 TRPC1	K04964
ENSG00000161103	-0.248559	0.48187	0.904233	1 AC008132.13	-
ENSG00000175536	-0.248559	0.48187	0.904233	1 LIPT2	K03801
ENSG00000203362	-0.248559	0.48187	0.904233	1 RP3-337H4.8	-
ENSG00000231125	-0.248559	0.48187	0.904233	1 AF129075.5	-
ENSG00000267249	-0.248559	0.48187	0.904233	1 RP11-973H7.3	-
ENSG00000272168	-0.248559	0.48187	0.904233	1 CASC15	-
ENSG00000225067	-0.181966	0.444504	0.904233	1 RPL23AP2	K02893
ENSG00000237758	-0.181966	0.444504	0.904233	1 BANF1P3	-
ENSG00000250397	-0.181966	0.444504	0.904233	1 RP11-1391J7.1	-
ENSG00000259972	-0.181966	0.444504	0.904233	1 AC009120.6	-
ENSG00000272578	-0.181966	0.444504	0.904233	1 AP000347.2	K01195
ENSG00000196781	-0.090666	4.096271	0.904236	1 TLE1	-
ENSG00000039523	0.080842	5.973843	0.904256	1 FAM65A	-
ENSG00000070540	0.086131	4.224583	0.9043	1 WIPI1	K17908
ENSG00000159147	-0.080484	6.441352	0.904308	1 DONSON	K11876
ENSG00000105419	0.08242	4.341749	0.904353	1 MEIS3	K16671
ENSG00000183527	0.079318	7.49347	0.904397	1 PSMG1	K11875
ENSG00000183671	0.096867	3.202713	0.904445	1 GPR1	K04310
ENSG00000163811	-0.079711	7.034723	0.904452	1 WDR43	K14546
ENSG00000164402	-0.086083	4.820494	0.904528	1	8-Sep K16939
ENSG00000183624	0.081929	6.117254	0.904556	1 HMCES	-
ENSG00000243943	0.083758	4.972981	0.904573	1 ZNF512	-
ENSG00000143553	0.081385	5.298046	0.904653	1 SNAPIN	-
ENSG00000173818	0.08426	3.962888	0.904677	1 ENDOV	-
ENSG00000170619	-0.080738	5.465293	0.904688	1 COMMD5	-
ENSG00000123473	0.082445	5.657449	0.904723	1 STIL	K16724
ENSG00000087586	-0.07912	7.480702	0.904753	1 AURKA	K11481
ENSG00000148634	-0.079033	7.619146	0.904754	1 HERC4	K10615
ENSG00000169826	-0.088579	4.559287	0.904781	1 CSGALNACT2	K00746
ENSG00000154845	-0.080138	6.383192	0.904822	1 PPP4R1	K15424
ENSG00000108055	0.078675	7.922632	0.904911	1 SMC3	K06669
ENSG00000125952	-0.081787	5.24717	0.905067	1 MAX	K04453
ENSG00000146282	-0.082666	5.121834	0.905076	1 RARS2	K01887
ENSG00000105058	0.079682	6.392058	0.905127	1 FAM32A	K13120
ENSG00000214135	0.089638	3.971243	0.905189	1 AC024560.3	K00234
ENSG00000145979	-0.085617	3.970411	0.905189	1 TBC1D7	-
ENSG00000115317	0.080475	5.665249	0.905203	1 HTRA2	K08669

ENSG00000099812	-0.078747	7.467141	0.905215	1 MISP	-
ENSG00000225855	0.0877	3.447674	0.905264	1 RUSC1-AS1	-
ENSG00000081791	0.078389	6.060531	0.905268	1 KIAA0141	-
ENSG00000149480	-0.078998	7.075602	0.90527	1 MTA2	K11660
ENSG00000151729	0.07945	6.472319	0.905289	1 SLC25A4	K05863
ENSG00000129235	0.079665	5.915435	0.9053	1 TXNDC17	-
ENSG00000089053	-0.079028	6.993347	0.905321	1 ANAPC5	K03352
ENSG00000177034	-0.111758	2.953472	0.905344	1 MTX3	K17776
ENSG00000215375	-0.111758	2.953472	0.905344	1 MYL5	K12753
ENSG00000130638	-0.078589	7.522793	0.905362	1 ATXN10	K19323
ENSG00000113719	0.078041	8.655991	0.905377	1 ERGIC1	-
ENSG00000243725	0.097601	2.610272	0.905398	1 TTC4	K01881
ENSG00000100490	0.163812	1.55538	0.905421	1 CDKL1	K08824
ENSG00000253982	0.131512	1.572019	0.905421	1 CTD-2336O2.1	-
ENSG00000163681	0.078543	5.955575	0.905421	1 SLMAP	-
ENSG00000113163	-0.086624	4.663287	0.905431	1 COL4A3BP	K08283
ENSG00000136492	-0.086624	4.663287	0.905431	1 BRIP1	K15362
ENSG00000234449	-0.121312	2.187322	0.90545	1 RP11-706O15.3	-
ENSG00000246582	0.098353	2.187874	0.90545	1 RP11-1149O23.3	-
ENSG00000214485	0.077896	8.813283	0.905505	1 RPL7P1	K02937
ENSG00000189180	0.079207	5.12656	0.905538	1 ZNF33A	K09228
ENSG00000135823	-0.079336	5.529344	0.905576	1 STX6	K08498
ENSG00000002834	-0.077953	8.467038	0.905601	1 LASP1	K15494
ENSG00000059122	-0.078403	5.960233	0.90568	1 FLYWCH1	-
ENSG00000122970	0.087511	4.665898	0.905747	1 IFT81	K19677
ENSG00000175874	-0.079404	5.130614	0.905767	1 CREG2	K05750
ENSG00000163510	-0.082498	5.062721	0.905804	1 CWC22	K13100
ENSG00000149716	0.088189	3.653395	0.905866	1 ORAOV1	K10408
ENSG00000116489	-0.077683	8.160818	0.906064	1 CAPZA1	K10364
ENSG00000157916	-0.078502	6.885875	0.90608	1 RER1	-
ENSG00000180758	-0.087933	4.126681	0.906089	1 GPR157	K08467
ENSG00000204160	-0.08067	4.372906	0.906305	1 ZDHHC18	K16675
ENSG00000130856	-0.098501	2.970022	0.90635	1 ZNF236	-
ENSG00000174951	-0.098501	2.970022	0.90635	1 FUT1	K00718
ENSG00000266173	-0.098501	2.970022	0.90635	1 STRADA	K08271
ENSG00000075826	0.084565	2.965353	0.90635	1 SEC31B	K14005
ENSG00000132612	-0.079238	6.113723	0.906429	1 VPS4A	K12196
ENSG00000111011	-0.078569	6.536048	0.90647	1 RSRC2	-
ENSG00000136235	0.09483	3.663717	0.906489	1 GPNMB	K02927
ENSG00000221909	0.09483	3.663717	0.906489	1 FAM200A	K09229
ENSG00000083223	-0.084126	5.074482	0.906517	1 ZCCHC6	K13291
ENSG00000169359	-0.079876	5.270071	0.906533	1 SLC33A1	K03372
ENSG00000107021	-0.08118	5.078374	0.906752	1 TBC1D13	-
ENSG00000116754	-0.076883	8.822166	0.906773	1 SRSF11	K12899
ENSG00000107949	-0.077943	6.846419	0.906803	1 BCCIP	K15262
ENSG00000101189	0.078958	5.777478	0.906808	1 MRGBP	K11343
ENSG00000111364	-0.079721	5.978424	0.906829	1 DDX55	K14809
ENSG00000116237	-0.078196	6.597551	0.906829	1 ICMT	K00587
ENSG00000129353	0.077941	6.661015	0.906856	1 SLC44A2	K15377
ENSG00000125970	0.07751	7.115419	0.906888	1 RALY	K12895
ENSG00000095787	0.077107	7.769188	0.906894	1 WAC	-
ENSG00000127554	-0.082954	5.148035	0.906896	1 GFER	K17783
ENSG00000090339	-0.077773	6.903928	0.906939	1 ICAM1	K06490
ENSG00000165714	-0.102109	3.249111	0.906965	1 LOH12CR1	-
ENSG00000183506	-0.102109	3.249111	0.906965	1 PI4KAP2	K00888
ENSG00000150165	0.085777	3.245196	0.906965	1 ANXA8L1	K17096
ENSG00000119403	0.078139	5.863632	0.906981	1 PHF19	K11486
ENSG00000051382	-0.078602	5.392015	0.906984	1 PIK3CB	K00922

ENSG00000151779	0.081144	4.384393	0.907064	1 NBAS	-
ENSG00000234608	0.081144	4.384393	0.907064	1 MAPKAPK5-AS1	-
ENSG00000124145	-0.077682	6.868349	0.907092	1 SDC4	K16338
ENSG00000148719	0.0812	5.448289	0.907092	1 DNAJB12	K09518
ENSG00000124702	0.077376	7.047728	0.907113	1 KLHDC3	-
ENSG00000112357	-0.116984	2.225185	0.907115	1 PEX7	K13341
ENSG00000163453	0.077794	6.532318	0.907202	1 IGFBP7	-
ENSG00000174307	-0.078452	6.092038	0.907282	1 PHLDA3	-
ENSG00000159592	0.077229	6.976704	0.907361	1 GPBP1L1	-
ENSG00000177150	0.081785	5.284602	0.907553	1 FAM210A	-
ENSG00000185127	-0.080395	4.695762	0.907596	1 C6orf120	-
ENSG00000187605	0.085628	4.501325	0.907614	1 TET3	-
ENSG00000127418	0.077692	5.703635	0.907681	1 FGFRL1	-
ENSG00000165282	0.081743	4.946198	0.907703	1 PIGO	K05288
ENSG00000104872	0.077243	6.621457	0.907749	1 PIH1D1	-
ENSG00000126858	0.078517	5.793386	0.90781	1 RHOT1	K07870
ENSG00000092964	-0.080491	5.022818	0.907812	1 DPYSL2	K07528
ENSG00000124508	0.109776	2.659299	0.907871	1 BTN2A2	K06712
ENSG00000262454	-0.145039	1.602006	0.907908	1 RP11-65J21.3	-
ENSG00000009844	-0.079684	5.995703	0.90795	1 VTA1	K12199
ENSG00000127922	0.077128	6.485101	0.908071	1 SHFM1	K10881
ENSG00000105227	-0.095526	3.494382	0.908084	1 PRX	-
ENSG00000135116	-0.095526	3.494382	0.908084	1 HRK	-
ENSG00000136710	-0.095526	3.494382	0.908084	1 CCDC115	K14561
ENSG00000136098	-0.087959	3.490356	0.908084	1 NEK3	K08857
ENSG00000187189	-0.087959	3.490356	0.908084	1 TSPYL4	K11287
ENSG00000101474	-0.077412	6.104837	0.908086	1 APMAP	-
ENSG00000101224	0.076232	7.536625	0.908099	1 CDC25B	K05866
ENSG00000100034	0.07803	5.92196	0.908106	1 PPM1F	-
ENSG00000166133	-0.081394	4.87528	0.908117	1 RPUSD2	-
ENSG00000107679	-0.077883	6.034346	0.908117	1 PLEKHA1	K17985
ENSG00000084774	0.076952	6.598551	0.908131	1 CAD	K11540
ENSG00000068383	0.082542	4.018101	0.908149	1 INPP5A	K01106
ENSG00000134590	0.078102	6.071009	0.90816	1 FAM127A	-
ENSG00000178035	-0.076288	7.491476	0.90817	1 IMPDH2	K00088
ENSG00000010803	-0.086617	4.402272	0.90818	1 SCMHI	K11461
ENSG00000080371	-0.077573	5.843691	0.908279	1 RAB21	K07890
ENSG00000158716	0.079602	5.57057	0.908282	1 DUSP23	K14165
ENSG00000136950	0.076742	6.673529	0.908288	1 ARPC5L	K05754
ENSG00000041880	0.093765	3.691161	0.908311	1 PARP3	K10798
ENSG00000144224	-0.076874	6.66866	0.908324	1 UBXLN4	-
ENSG00000159596	-0.077297	6.325879	0.908345	1 TMEM69	K03327
ENSG00000057935	-0.076592	5.965157	0.908403	1 MTA3	K11660
ENSG00000171206	-0.077326	5.846742	0.908415	1 TRIM8	K12001
ENSG00000130332	-0.077546	6.209847	0.908416	1 LSM7	K12626
ENSG00000124641	0.084636	4.407291	0.908546	1 MED20	K13528
ENSG00000168924	0.078901	6.042008	0.908593	1 LETM1	K17800
ENSG00000188026	-0.080917	4.025244	0.908625	1 RILPL1	-
ENSG00000141934	-0.076192	7.110296	0.908625	1 PPAP2C	K01080
ENSG00000040531	-0.084605	4.517763	0.908639	1 CTNS	K12386
ENSG00000125534	-0.076079	7.07951	0.908793	1 PDPF	-
ENSG00000196290	-0.07908	5.307083	0.908943	1 NIF3L1	-
ENSG00000123191	-0.088178	3.875055	0.90901	1 ATP7B	K17686
ENSG00000129534	-0.078609	5.974945	0.909024	1 MIS18BP1	-
ENSG00000139410	-0.101142	2.686476	0.90906	1 SDSL	K17989
ENSG00000147408	-0.078051	5.85661	0.909088	1 CSGALNACT1	-
ENSG00000101246	0.079841	4.805823	0.909128	1 ARFRP1	K07952
ENSG00000187145	-0.076595	6.348115	0.909154	1 MRPS21	K02970

ENSG00000130165	0.075691	5.427034	0.909192	1 ELOF1	-
ENSG00000184465	0.079221	4.300069	0.909221	1 WDR27	-
ENSG00000167981	-0.094274	3.014014	0.909242	1 ZNF597	K09228
ENSG00000170456	-0.077654	6.053615	0.909297	1 DENND5B	-
ENSG00000164300	0.174991	0.509994	0.909315	1 SERINC5	-
ENSG00000185189	0.174991	0.509994	0.909315	1 NRBP2	K08875
ENSG00000238273	0.174991	0.509994	0.909315	1 AC012360.6	-
ENSG00000267309	0.174991	0.509994	0.909315	1 CTD-2630F21.1	-
ENSG00000126562	-0.161511	0.567163	0.909315	1 WNK4	K08867
ENSG00000147576	-0.161511	0.567163	0.909315	1 ADHFE1	K11173
ENSG00000163467	-0.161511	0.567163	0.909315	1 TSACC	K06580
ENSG00000165609	0.075365	7.289274	0.909332	1 NUDT5	K13987
ENSG00000115825	0.075363	7.197805	0.909411	1 PRKD3	K06070
ENSG00000247556	0.075104	7.524995	0.909472	1 OIP5-AS1	-
ENSG00000157637	-0.075664	6.911968	0.909479	1 SLC38A10	K14996
ENSG00000167325	0.07462	8.425303	0.909599	1 RRM1	K10807
ENSG00000249915	0.074633	8.350797	0.909611	1 PDCD6	-
ENSG00000119915	0.084113	4.423741	0.909626	1 ELOVL3	K10248
ENSG00000110841	-0.075387	6.130099	0.909654	1 PPFIBP1	-
ENSG00000130764	0.078057	5.866643	0.909752	1 LRRC47	K04613
ENSG00000157456	-0.075124	7.253078	0.909779	1 CCNB2	K05868
ENSG00000172531	-0.075086	7.303626	0.90978	1 PPP1CA	K06269
ENSG00000089876	-0.076069	6.327521	0.909824	1 DHX32	K18994
ENSG00000143373	0.077518	5.646101	0.909894	1 ZNF687	-
ENSG00000074319	0.076526	5.546365	0.909899	1 TSG101	K12183
ENSG00000135976	0.085091	3.525963	0.910091	1 ANKRD36	K17299
ENSG00000178026	0.094217	2.694072	0.910218	1 FAM211B	-
ENSG00000172780	-0.137539	1.658374	0.910267	1 RAB43	K07930
ENSG00000173535	0.127703	1.629955	0.910267	1 TNFRSF10C	K04722
ENSG00000144730	-0.109615	1.642889	0.910267	1 IL17RD	K05167
ENSG00000204519	0.097436	1.645686	0.910267	1 ZNF551	K09228
ENSG00000261342	0.097436	1.645686	0.910267	1 AC006538.1	-
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ENSG00000234311	0.095249	2.262976	0.910273	1 RP11-432J24.3	-
ENSG00000108799	0.080548	4.54147	0.910297	1 EZH1	K17451
ENSG00000175582	0.074674	7.02263	0.910404	1 RAB6A	K07893
ENSG00000138180	0.074506	7.232056	0.910419	1 CEP55	K16456
ENSG00000106554	0.073898	8.534866	0.910435	1 CHCHD3	K17563
ENSG00000138398	0.076636	5.919785	0.910517	1 PPIG	K09566
ENSG00000133835	-0.075136	6.5903	0.910533	1 HSD17B4	K12405
ENSG00000187109	-0.073532	9.497598	0.910667	1 NAP1L1	K11279
ENSG00000100036	-0.086569	3.316378	0.910882	1 SLC35E4	K15286
ENSG00000127586	-0.074827	6.315464	0.911028	1 CHTF18	K11269
ENSG00000104228	-0.085059	3.910437	0.911049	1 TRIM35	K12012
ENSG00000077684	-0.076859	5.713562	0.911063	1 JADE1	K11347
ENSG00000181666	0.092797	3.047017	0.911073	1 HKR1	K09228
ENSG00000112159	-0.07875	5.513116	0.911078	1 MDN1	K14572
ENSG00000073050	0.078192	4.749862	0.911087	1 XRCC1	K10803
ENSG00000182158	0.074287	6.596276	0.911352	1 CREB3L2	K09048
ENSG00000161791	0.084602	3.541123	0.911381	1 FMNL3	-
ENSG00000149212	0.076873	3.545014	0.911381	1 SESN3	K10141
ENSG00000128908	0.074775	5.463284	0.911469	1 INO80	K11665
ENSG00000136935	0.079025	4.458111	0.911712	1 GOLGA1	-
ENSG00000104522	-0.073995	6.683248	0.911781	1 TSTA3	K02377
ENSG00000177697	0.073077	7.626825	0.911859	1 CD151	K06537
ENSG00000054967	0.078004	4.343944	0.911865	1 RELT	K05156
ENSG00000114302	0.073253	5.525562	0.9119	1 PRKAR2A	K04739
ENSG00000148153	-0.078791	4.673593	0.912055	1 INIP	K17985

ENSG00000104626	-0.076929	5.360347	0.912153	1 ERI1	K18416
ENSG00000177700	-0.074135	6.324247	0.912163	1 POLR2L	K03007
ENSG00000145996	-0.077953	4.353715	0.91223	1 CDKAL1	K15865
ENSG00000103152	0.07546	5.908872	0.912314	1 MPG	K03652
ENSG00000159069	0.0732	6.879061	0.912332	1 FBXW5	K10263
ENSG00000079277	-0.078229	4.680446	0.912346	1 MKNK1	K04372
ENSG00000132793	0.082911	3.334922	0.912358	1 LPIN3	K15728
ENSG00000157500	-0.076334	5.78129	0.912405	1 APPL1	K08733
ENSG00000176853	-0.073594	6.551104	0.912452	1 FAM91A1	-
ENSG00000183458	0.124194	1.685649	0.912508	1 RP11-958N24.1	K04985
ENSG00000259583	0.124194	1.685649	0.912508	1 RP11-66B24.4	-
ENSG00000247137	-0.103744	1.697763	0.912508	1 RP11-727A23.5	-
ENSG00000185716	-0.088619	3.936485	0.912518	1 C16orf52	-
ENSG00000166847	-0.077899	5.426063	0.912585	1 DCTN5	K10427
ENSG00000198853	-0.076942	5.305974	0.912629	1 RUSC2	-
ENSG00000139687	-0.0738	6.035023	0.912694	1 RB1	K06618
ENSG00000137154	0.071693	10.80038	0.912723	1 RPS6	K02991
ENSG00000101639	0.079338	5.029157	0.912746	1 CEP192	K16725
ENSG00000273015	-0.088399	3.077594	0.912832	1 LINC00938	-
ENSG00000012048	-0.072522	6.182354	0.91284	1 BRCA1	K10605
ENSG00000176022	0.077538	4.361126	0.912952	1 B3GALT6	K00734
ENSG00000126267	0.072321	7.275168	0.913026	1 COX6B1	K02267
ENSG00000105819	-0.073013	6.617352	0.913059	1 PMPCB	K17732
ENSG00000138111	0.091248	3.347743	0.913078	1 TMEM180	K04613
ENSG00000264364	-0.073175	6.043025	0.913146	1 DYNLL2	K10418
ENSG00000164151	0.071888	7.581042	0.913329	1 KIAA0947	-
ENSG00000122126	-0.07507	5.797147	0.913345	1 OCRL	K01099
ENSG00000102974	-0.073756	5.31811	0.913375	1 CTCF	-
ENSG00000112685	-0.073301	5.799513	0.913478	1 EXOC2	K17637
ENSG00000111737	0.073434	6.047313	0.913482	1 RAB35	K07876
ENSG00000259758	0.072562	6.512255	0.913546	1 CASC7	-
ENSG00000142684	0.09123	3.088893	0.913685	1 ZNF593	K14821
ENSG00000172889	-0.07329	6.09205	0.913826	1 EGFL7	-
ENSG00000146592	0.229817	0.594615	0.913871	1 CREB5	K09047
ENSG00000171962	0.229817	0.594615	0.913871	1 LRRC48	-
ENSG00000196331	0.229817	0.594615	0.913871	1 HIST1H2BO	K11252
ENSG00000198225	0.229817	0.594615	0.913871	1 FKBP1C	K09568
ENSG00000230590	0.229817	0.594615	0.913871	1 FTX	-
ENSG00000173212	0.163224	0.628449	0.913871	1 MAB21L3	-
ENSG00000269947	0.163224	0.628449	0.913871	1 RP11-849F2.9	-
ENSG00000164117	-0.086602	3.959191	0.913941	1 FBXO8	K10294
ENSG00000173153	-0.073767	6.018211	0.914032	1 ESRRA	K08552
ENSG00000235552	0.071222	7.669245	0.914079	1 RPL6P27	K02934
ENSG00000127399	0.075374	4.971606	0.91408	1 LRRC61	-
ENSG00000130921	0.07453	5.390896	0.914112	1 C12orf65	-
ENSG00000072778	-0.07085	8.277914	0.914287	1 ACADVL	K09479
ENSG00000120963	-0.071693	6.877724	0.91432	1 ZNF706	-
ENSG00000114316	0.076858	4.386522	0.91436	1 USP4	K11835
ENSG00000169976	0.072206	6.099427	0.914362	1 SF3B5	K12832
ENSG00000132613	-0.076564	4.260704	0.914372	1 MTSS1L	-
ENSG00000119977	-0.07391	5.398263	0.914459	1 TCTN3	K19382
ENSG00000004660	0.073233	5.05843	0.914525	1 CAMKK1	K07359
ENSG00000184384	-0.106017	2.772582	0.914571	1 MAML2	K06061
ENSG00000233493	-0.105299	2.333186	0.914627	1 TMEM238	-
ENSG00000239415	-0.105299	2.333186	0.914627	1 AP001469.9	-
ENSG00000175701	0.092453	2.334356	0.914627	1 LINC00116	-
ENSG00000231742	-0.157018	1.727338	0.914639	1 RP11-112L6.4	-
ENSG00000247240	-0.157018	1.727338	0.914639	1 UBL7-AS1	-

ENSG00000169057	-0.130627	1.712637	0.914639	1 MECP2	K11588
ENSG00000178184	-0.130627	1.712637	0.914639	1 PARD6G	K06093
ENSG00000097033	-0.071113	7.191143	0.91469	1 SH3GLB1	K11248
ENSG00000139624	0.07155	5.676438	0.914701	1 CERS5	K04710
ENSG00000155368	-0.070992	7.18483	0.914843	1 DBI	K08762
ENSG00000131845	0.078196	3.976954	0.914863	1 ZNF304	K09228
ENSG00000171469	-0.074967	4.720893	0.914882	1 ZNF561	K09228
ENSG00000125149	0.083401	3.799233	0.914941	1 C16orf70	-
ENSG00000149308	0.077518	4.51295	0.914984	1 NPAT	-
ENSG00000134905	0.071002	6.877187	0.914992	1 CARS2	K01883
ENSG00000134030	-0.072136	4.990062	0.914999	1 CTIF	-
ENSG00000070831	-0.070872	7.154379	0.915017	1 CDC42	K04393
ENSG00000267194	-0.084688	3.613633	0.915039	1 RP1-193H18.2	-
ENSG00000130724	-0.071386	6.603448	0.915045	1 CHMP2A	K12191
ENSG00000163913	-0.078583	4.398063	0.915047	1 IFT122	K19656
ENSG00000160703	0.079988	4.273089	0.915121	1 NLRX1	K12653
ENSG00000025796	0.070443	7.429968	0.915182	1 SEC63	K09540
ENSG00000128881	0.07408	4.135151	0.91521	1 TTBK2	K08815
ENSG00000228223	0.074814	4.993807	0.915226	1 HCG11	-
ENSG00000162408	0.077312	4.520617	0.915298	1 NOL9	K06947
ENSG00000131323	0.075369	4.731826	0.915426	1 TRAF3	K03174
ENSG00000122643	-0.07117	5.962357	0.915435	1 NT5C3A	K01081
ENSG00000157693	-0.079481	4.281167	0.915491	1 C9orf91	-
ENSG00000075239	-0.070224	7.408009	0.915577	1 ACAT1	K00626
ENSG00000174327	-0.091052	2.791284	0.915594	1 SLC16A13	K08189
ENSG00000103550	-0.076561	4.141555	0.915615	1 KNOP1	-
ENSG00000225733	-0.07275	6.194976	0.915652	1 FGD5-AS1	-
ENSG00000165934	-0.071594	6.19438	0.915652	1 CPSF2	K14402
ENSG00000124535	-0.070524	6.912354	0.915692	1 WRNIP1	K07478
ENSG00000164105	-0.077106	4.735788	0.915695	1 SAP30	K19202
ENSG00000126062	0.070996	5.155173	0.915734	1 TMEM115	-
ENSG00000105202	0.069716	7.968495	0.915739	1 FBL	K14563
ENSG00000115966	-0.07191	4.91938	0.915761	1 ATF2	K04450
ENSG00000141367	0.069402	8.941282	0.915767	1 CLTC	K04646
ENSG00000129197	-0.072495	5.591584	0.915792	1 RPAIN	-
ENSG00000217555	0.077883	4.636263	0.915799	1 CKLF	-
ENSG00000240342	-0.069454	8.612176	0.915847	1 RPS2P5	K02981
ENSG00000149262	-0.075587	4.834353	0.915856	1 INTS4	K13141
ENSG00000182512	-0.072024	5.795573	0.91598	1 GLRX5	K07390
ENSG00000103005	-0.071045	6.201548	0.916043	1 USB1	-
ENSG00000117362	0.089751	3.129587	0.916148	1 APH1A	K06172
ENSG00000040933	0.075037	4.744976	0.916229	1 INPP4A	K01109
ENSG00000175110	-0.070103	5.976354	0.916237	1 MRPS22	K17401
ENSG00000134294	-0.06886	10.06907	0.916246	1 SLC38A2	K14207
ENSG00000166340	-0.07034	6.628925	0.916273	1 TPP1	K01279
ENSG00000023191	-0.069923	6.958208	0.916368	1 RNH1	K16634
ENSG00000105401	0.069078	8.06273	0.916467	1 CDC37	K09554
ENSG00000139734	-0.070255	6.50793	0.916551	1 DIAPH3	K05745
ENSG00000131876	0.069586	7.007685	0.916574	1 SNRPA1	K11092
ENSG00000135547	0.077233	2.805384	0.916593	1 HEY2	K09091
ENSG00000120333	0.073946	4.652072	0.916651	1 MRPS14	K02954
ENSG00000100147	0.120952	1.739268	0.916668	1 CCDC134	-
ENSG00000166762	0.120952	1.739268	0.916668	1 CATSPER2	K16890
ENSG0000012124	0.093029	1.753778	0.916668	1 CD22	K06467
ENSG00000026036	0.093029	1.753778	0.916668	1 RTEL1-TNFRSF6B	K11136
ENSG00000111325	0.093029	1.753778	0.916668	1 OGFOD2	-
ENSG00000116984	0.073474	4.933358	0.916696	1 MTR	K00548
ENSG00000095261	-0.070227	6.429735	0.916706	1 PSMD5	K06692

ENSG00000127914	0.072023	5.495732	0.91671	1 AKAP9	K16551
ENSG00000142687	0.072023	5.495732	0.91671	1 KIAA0319L	-
ENSG00000145990	0.071222	6.027269	0.91684	1 GFOD1	K12581
ENSG00000160932	-0.068628	8.559119	0.916869	1 LY6E	K06846
ENSG00000131373	-0.07337	5.715235	0.916916	1 HACL1	K12261
ENSG00000040199	0.075971	3.83972	0.916943	1 PHLPP2	K16340
ENSG00000169016	0.071742	4.012792	0.917086	1 E2F6	K09390
ENSG00000140265	0.072914	5.178374	0.917119	1 ZSCAN29	K09230
ENSG00000084090	-0.068803	7.551169	0.917187	1 STARD7	-
ENSG00000119048	-0.06959	6.59123	0.917233	1 UBE2B	K10574
ENSG00000125450	0.069275	6.700748	0.917279	1 NUP85	K14304
ENSG00000144580	-0.072372	5.909361	0.917307	1 RQCD1	K09228
ENSG00000124659	-0.072699	5.183437	0.917313	1 TBCC	K18034
ENSG00000099341	0.068891	7.103307	0.917325	1 PSMD8	K03031
ENSG00000164808	-0.070926	5.564048	0.917367	1 SPIDR	-
ENSG00000128585	-0.068873	5.955313	0.917447	1 MKLN1	-
ENSG00000063241	-0.069316	6.594864	0.917558	1 ISOC2	-
ENSG00000140688	-0.070267	4.863241	0.917575	1 C16orf58	-
ENSG00000139218	-0.0688	7.000941	0.917681	1 SCAF11	-
ENSG00000132664	-0.074622	4.4471	0.917689	1 POLR3F	K03025
ENSG00000205809	0.078859	3.154673	0.917714	1 KLRC2	K06541
ENSG00000167967	0.070921	5.778268	0.917733	1 E4F1	K09193
ENSG00000136381	0.069286	6.231397	0.917761	1 IREB2	-
ENSG00000123094	0.069237	6.340445	0.917811	1 RASSF8	K09855
ENSG00000167695	0.072573	5.19284	0.91789	1 FAM57A	-
ENSG00000238227	-0.069352	6.004627	0.917907	1 C9orf69	-
ENSG00000142676	0.067485	9.69901	0.917946	1 RPL11	K02868
ENSG00000218227	-0.200742	0.711721	0.917982	1 RP11-889L3.1	K02885
ENSG00000105700	0.070687	6.051282	0.918232	1 KXD1	-
ENSG00000169967	0.070687	6.051282	0.918232	1 MAP3K2	K04420
ENSG00000012171	-0.077859	4.457136	0.918324	1 SEMA3B	-
ENSG00000102007	0.075346	3.864033	0.918384	1 PLP2	-
ENSG00000171227	-0.070703	3.865846	0.918384	1 TMEM37	-
ENSG00000068400	-0.079681	3.177725	0.918475	1 GRIPAP1	-
ENSG00000135604	0.078312	3.174252	0.918475	1 STX11	K08487
ENSG00000125871	-0.072751	5.052167	0.918489	1 MGME1	K19465
ENSG00000159210	-0.068264	6.843025	0.918508	1 SNF8	K12188
ENSG00000069702	0.06849	6.475738	0.918518	1 TGFBR3	K05843
ENSG00000020181	-0.086534	2.840975	0.918522	1 GPR124	K08461
ENSG00000174738	0.070645	5.639072	0.918528	1 NR1D2	K08531
ENSG00000143190	-0.069915	4.785886	0.918549	1 POU2F1	K09364
ENSG00000071539	0.067193	8.514577	0.918574	1 TRIP13	K17985
ENSG00000249471	0.089921	2.402366	0.918577	1 ZNF324B	K09228
ENSG00000236814	-0.093294	1.801652	0.918602	1 RP11-446E9.1	K03064
ENSG00000140988	-0.06682	11.30587	0.918617	1 RPS2	K02981
ENSG00000135297	0.069447	5.694339	0.918649	1 MTO1	K03495
ENSG00000145439	-0.075161	4.334264	0.918678	1 CBR4	K11539
ENSG00000184110	0.067835	5.410629	0.91875	1 EIF3C	K03252
ENSG00000198189	-0.069309	5.347478	0.918775	1 HSD17B11	-
ENSG00000198964	0.069375	5.697724	0.918783	1 SGMS1	-
ENSG00000179151	-0.067853	6.179949	0.918902	1 EDC3	K12615
ENSG00000214022	0.067508	7.201649	0.918915	1 REPIN1	K09228
ENSG00000101752	0.068553	6.025918	0.91909	1 MIB1	K10645
ENSG00000153786	-0.069474	5.984687	0.919116	1 ZDHHC7	K18932
ENSG00000197483	-0.073141	4.054485	0.919196	1 ZNF628	K09229
ENSG00000182944	-0.066779	8.343517	0.919196	1 EWSR1	K13209
ENSG00000103121	-0.068035	6.498755	0.919247	1 CMC2	K18172
ENSG00000185386	-0.068513	5.757184	0.919275	1 MAPK11	K04441

ENSG00000143207	-0.070735	5.357138	0.919282	1 RFDW2	K10143
ENSG00000163344	-0.076575	4.700811	0.919372	1 PMVK	K13273
ENSG00000156976	-0.066325	9.445651	0.919422	1 EIF4A2	K03257
ENSG00000089177	-0.08439	2.865196	0.919453	1 KIF16B	K17916
ENSG00000177311	0.067468	6.706634	0.919457	1 ZBTB38	K10510
ENSG00000096384	-0.066034	11.28796	0.919571	1 HSP90AB1	K04079
ENSG00000147905	0.071803	5.226039	0.919757	1 ZCCHC7	K12597
ENSG00000174529	-0.095245	2.433699	0.919814	1 TMM81	-
ENSG00000234602	-0.095245	2.433699	0.919814	1 MCIDAS	K10749
ENSG00000105655	0.088743	2.435204	0.919814	1 ISYNA1	K01858
ENSG00000164010	0.088743	2.435204	0.919814	1 ERMAPP	K06712
ENSG00000196787	0.088743	2.435204	0.919814	1 HIST1H2AG	K11251
ENSG00000107281	0.066681	6.119745	0.919837	1 NPDC1	K01509
ENSG00000037042	-0.08421	3.700506	0.919994	1 TUBG2	K10389
ENSG00000069345	-0.067551	6.338964	0.920087	1 DNAJA2	K09503
ENSG00000171863	0.065838	8.679864	0.920165	1 RPS7	K02993
ENSG00000154978	-0.068286	5.670318	0.920166	1 VOPP1	-
ENSG00000087269	0.067205	6.387835	0.920196	1 NOP14	K14766
ENSG00000163602	0.070886	5.160089	0.920219	1 RYBP	K11469
ENSG00000099785	0.080465	3.896735	0.92023	1	2-Mar K10657
ENSG00000258634	0.074445	3.899749	0.92023	1 RP4-773N10.4	-
ENSG00000160183	-0.070046	5.500582	0.920257	1 TMRSS3	K09634
ENSG00000196584	-0.070046	5.500582	0.920257	1 XRCC2	K10879
ENSG00000092470	0.067265	5.439221	0.920345	1 WDR76	K02159
ENSG00000177519	0.067265	5.439221	0.920345	1 RPRM	K10128
ENSG00000144320	0.068851	4.365453	0.920346	1 KIAA1715	-
ENSG00000153046	0.066611	6.832832	0.920352	1 CDYL	K00653
ENSG00000115129	0.087659	2.872507	0.920363	1 TP53I3	K10133
ENSG00000083093	-0.071508	4.075425	0.920411	1 PALB2	K10897
ENSG00000161999	-0.070428	5.443293	0.920501	1 JMJD8	K09561
ENSG00000001631	0.070008	4.823011	0.920506	1 KRIT1	K17705
ENSG00000157353	-0.074298	4.230641	0.920555	1 FUK	K05305
ENSG00000183770	-0.074298	4.230641	0.920555	1 FOXL2	K09405
ENSG00000152061	0.071784	4.231728	0.920555	1 RABGAP1L	-
ENSG00000147874	0.066183	7.042697	0.92066	1 HAUS6	K16589
ENSG00000070159	0.068994	5.007525	0.920662	1 PTPN3	K18027
ENSG00000116793	-0.073091	4.826639	0.920744	1 PHTF1	-
ENSG00000196943	-0.070096	4.825082	0.920744	1 NOP9	K14790
ENSG00000078070	-0.06905	4.237585	0.920911	1 MCCC1	K01968
ENSG00000256223	0.104264	2.458769	0.921013	1 ZNF10	K09228
ENSG00000168268	-0.066471	6.061537	0.921055	1 NT5DC2	-
ENSG00000131462	-0.066029	6.98235	0.921055	1 TUBG1	K10389
ENSG00000226328	0.074642	4.623878	0.921123	1 CTA-217C2.1	-
ENSG00000085662	0.065442	7.582383	0.921138	1 AKR1B1	K00011
ENSG00000137936	-0.065756	7.156862	0.921208	1 BCAR3	-
ENSG00000138193	-0.093891	2.895236	0.921253	1 PLCE1	K05860
ENSG00000001084	-0.068235	4.929476	0.921254	1 GCLC	K11204
ENSG00000206538	-0.067849	6.146919	0.921286	1 VGLL3	-
ENSG00000175220	-0.070363	5.182226	0.921342	1 ARHGAP1	K18470
ENSG00000176619	-0.065486	7.37302	0.921345	1 LMNB2	K07611
ENSG00000141198	-0.068408	5.691681	0.921352	1 TOM1L1	K02258
ENSG00000100614	-0.069564	5.255213	0.921366	1 PPM1A	K04457
ENSG00000122335	0.086396	3.22656	0.921383	1 SERAC1	K04135
ENSG00000172216	0.064977	8.141877	0.921405	1 CEBPB	K10048
ENSG00000047932	-0.066043	6.663086	0.921422	1 GOPC	K05088
ENSG00000091073	-0.070223	4.739045	0.921423	1 DTX2	K06058
ENSG00000242259	-0.070223	4.739045	0.921423	1 C22orf39	K17675
ENSG00000167523	0.0861	3.495156	0.921464	1 SPATA33	K02927

ENSG00000184207	-0.06609	6.551129	0.921521	1 PGP	K19269
ENSG00000005339	0.06881	5.462291	0.921576	1 CREBBP	K04498
ENSG00000088992	0.07136	4.250291	0.921614	1 TESC	K17612
ENSG00000112695	-0.065275	7.32379	0.921641	1 COX7A2	K02270
ENSG00000147437	0.153331	0.737896	0.92171	1 GNRH1	K05252
ENSG00000181135	0.153331	0.737896	0.92171	1 ZNF707	K09228
ENSG00000183032	0.153331	0.737896	0.92171	1 SLC25A21	K15110
ENSG00000236850	0.153331	0.737896	0.92171	1 BMS1P20	-
ENSG00000111837	-0.130204	0.785177	0.92171	1 MAK	K08829
ENSG00000167984	-0.130204	0.785177	0.92171	1 NLRC3	-
ENSG00000205534	-0.130204	0.785177	0.92171	1 RP11-345J4.8	K08873
ENSG00000108958	0.094839	0.768291	0.92171	1 AC016292.3	K00236
ENSG00000105127	0.068152	5.587087	0.921734	1 AKAP8	K16525
ENSG00000134851	0.065367	6.816572	0.921875	1 TMEM165	-
ENSG00000112659	0.068391	4.748272	0.92192	1 CUL9	K11970
ENSG00000175354	0.067389	5.532213	0.922019	1 PTPN2	K18026
ENSG00000115310	0.064513	7.925265	0.922069	1 RTN4	-
ENSG00000204588	-0.084094	3.239481	0.922078	1 LINC01123	-
ENSG00000066136	-0.067899	5.652124	0.922135	1 NFYC	K08066
ENSG00000122257	0.065358	6.122893	0.92214	1 RBBP6	K10624
ENSG00000144426	0.067262	5.952724	0.922181	1 NBEAL1	-
ENSG00000155158	-0.112802	1.864224	0.922212	1 TTC39B	-
ENSG00000157578	-0.112802	1.864224	0.922212	1 LCA5L	-
ENSG00000234585	-0.112802	1.864224	0.922212	1 CCT6P3	K09498
ENSG00000049246	0.089239	1.854325	0.922212	1 PER3	K02633
ENSG00000122557	-0.072275	4.527227	0.922224	1 HERPUD2	K17985
ENSG00000179091	-0.06429	8.278657	0.922244	1 CYC1	K00413
ENSG00000150776	-0.067223	5.346399	0.922375	1 C11orf57	-
ENSG00000125503	0.067038	5.344147	0.922375	1 PPP1R12C	K17457
ENSG00000147050	0.06774	3.937536	0.922422	1 KDM6A	K11447
ENSG00000168273	0.06774	3.937536	0.922422	1 SMIM4	-
ENSG00000163870	0.06495	6.752102	0.922452	1 TPRA1	-
ENSG00000213178	0.065419	5.81535	0.922456	1 RP11-641D5.1	K02891
ENSG00000178127	-0.069243	4.410421	0.922571	1 NDUFV2	K03943
ENSG00000138621	-0.077782	3.517241	0.922613	1 PPCDC	K01598
ENSG00000151090	-0.077782	3.517241	0.922613	1 THRB	K08362
ENSG00000189334	0.069837	3.518584	0.922613	1 S100A14	-
ENSG00000089234	0.06687	5.352761	0.922699	1 BRAP	K10632
ENSG00000196502	0.06942	4.117614	0.922735	1 SULT1A1	K01014
ENSG00000100926	-0.082502	3.257902	0.922761	1 TM9SF1	K17085
ENSG00000171202	-0.066127	4.957961	0.922762	1 TMEM126A	K18157
ENSG00000104904	0.063566	9.337174	0.922765	1 OAZ1	K16548
ENSG00000063322	0.064624	5.771852	0.922842	1 MED29	K15142
ENSG00000160294	0.064932	6.453873	0.922849	1 MCM3AP	-
ENSG00000228716	0.066671	6.053257	0.92286	1 DHFR	K00287
ENSG00000178971	0.078341	3.751246	0.922988	1 CTC1	-
ENSG00000183207	0.063816	7.722314	0.923025	1 RUVBL2	K11338
ENSG00000130813	0.074328	4.125128	0.923109	1 C19orf66	-
ENSG00000123739	0.067993	4.767729	0.923135	1 PLA2G12A	K01047
ENSG00000116580	-0.068439	4.965004	0.923182	1 GON4L	-
ENSG00000005893	-0.063959	7.303679	0.923253	1 LAMP2	K06528
ENSG00000115421	-0.075638	3.953417	0.923266	1 PAPOLG	K14376
ENSG00000162961	0.0646	6.415843	0.923304	1 DPY30	K14965
ENSG00000163191	0.063158	9.053161	0.92332	1 S100A11	-
ENSG00000088832	0.063518	7.832653	0.923324	1 FKBP1A	K09568
ENSG00000027697	0.065231	6.260862	0.923329	1 IFNGR1	K05132
ENSG00000113360	-0.06419	6.9091	0.923363	1 DROSHA	K03685
ENSG00000166411	-0.066427	5.930372	0.923392	1 IDH3A	K00030

ENSG00000241258	-0.068579	5.140572	0.923403	1 CRCP	K02927
ENSG00000111725	0.067654	4.423853	0.923487	1 PRKAB1	K07199
ENSG00000189241	-0.064488	6.520898	0.923503	1 TSPYL1	K11284
ENSG00000165629	-0.063269	8.215904	0.92351	1 ATP5C1	K02136
ENSG00000163349	0.064164	6.189321	0.923589	1 HIPK1	K08826
ENSG00000130731	-0.063664	7.260298	0.923648	1 C16orf13	-
ENSG00000105376	0.065946	5.787029	0.923676	1 ICAM5	K06769
ENSG00000135821	-0.074736	3.964684	0.923681	1 GLUL	K01915
ENSG00000213699	-0.068357	5.301526	0.923745	1 SLC35F6	K17985
ENSG00000085552	-0.089591	2.941531	0.923807	1 IGSF9	-
ENSG00000057608	-0.062945	8.429598	0.923813	1 GDI2	K17255
ENSG00000143612	-0.062871	8.521469	0.923869	1 C1orf43	-
ENSG00000179979	0.112554	1.889096	0.923899	1 CRIPAK	K11835
ENSG00000227354	0.112554	1.889096	0.923899	1 RBM26-AS1	-
ENSG00000270145	0.112554	1.889096	0.923899	1 CTD-2267D19.6	-
ENSG00000175711	-0.107666	1.911428	0.923899	1 B3GNTL1	-
ENSG00000177096	-0.107666	1.911428	0.923899	1 FAM109B	K01204
ENSG00000189120	0.087536	1.902085	0.923899	1 SP6	K09196
ENSG00000232931	-0.084271	1.898594	0.923899	1 LINC00342	-
ENSG00000014138	0.064769	6.155259	0.923912	1 POLA2	K02321
ENSG00000135048	0.063593	6.87342	0.923963	1 TMEM2	K17429
ENSG00000126003	0.066757	4.981384	0.924009	1 PLAGL2	K19486
ENSG00000177119	0.063582	6.829737	0.924023	1 ANO6	K19500
ENSG00000145012	0.064721	5.574252	0.924251	1 LPP	K16676
ENSG00000105186	-0.064482	6.12448	0.924343	1 ANKRD27	-
ENSG00000004766	-0.070878	4.894534	0.924368	1 CCDC132	-
ENSG00000070367	0.066515	5.577013	0.924386	1 EXOC5	-
ENSG00000099617	0.085513	2.529454	0.924406	1 EFNA2	K05462
ENSG00000187514	0.062068	10.34993	0.924447	1 PTMA	K13784
ENSG00000140299	-0.063558	6.649185	0.924448	1 BNIP2	K18448
ENSG00000069812	0.069651	4.688276	0.924498	1 HES2	K09087
ENSG00000167107	0.066949	5.455309	0.924612	1 ACSF2	K00666
ENSG00000069020	-0.076503	2.958222	0.924622	1 MAST4	K08789
ENSG00000125485	0.064431	5.243524	0.924699	1 DDX31	K14806
ENSG00000051180	0.063415	6.08849	0.9247	1 RAD51	K04482
ENSG00000143412	0.075319	3.28645	0.924739	1 ANXA9	K17090
ENSG00000272734	0.066111	3.291125	0.924739	1 ADIRF-AS1	-
ENSG00000171720	-0.063667	6.332461	0.924791	1 HDAC3	K11404
ENSG00000226976	-0.074126	3.562421	0.924813	1 COX6A1P2	K02266
ENSG00000136280	-0.065976	4.9983	0.924819	1 CCM2	-
ENSG00000136874	-0.076548	3.791876	0.924863	1 STX17	K08491
ENSG00000153339	-0.065447	5.248304	0.924868	1 TRAPPC8	K14572
ENSG00000146007	-0.062886	6.967726	0.924876	1 ZMAT2	K12848
ENSG00000113194	-0.063342	6.175114	0.924902	1 FAF2	K18726
ENSG00000186001	0.069959	4.313441	0.924949	1 LRCH3	-
ENSG00000189343	0.062726	6.92487	0.92496	1 RPS2P46	K02981
ENSG00000178691	0.062957	6.567385	0.925086	1 SUZ12	K02927
ENSG00000008256	-0.066034	5.174956	0.925207	1 CYTH3	K18441
ENSG00000115816	-0.062439	7.160253	0.925224	1 CEBPZ	K14832
ENSG00000142937	0.061362	11.03012	0.925255	1 RPS8	K02995
ENSG00000175224	0.063075	6.319707	0.92529	1 ATG13	K08331
ENSG00000085511	-0.072958	3.577173	0.925343	1 MAP3K4	K04428
ENSG00000085276	-0.069309	3.307204	0.925376	1 MECOM	K04462
ENSG00000093009	0.06276	6.522757	0.925383	1 CDC45	K06628
ENSG00000170043	0.063549	5.920488	0.925386	1 TRAPPC1	-
ENSG00000143409	0.072992	2.971253	0.925419	1 FAM63A	-
ENSG00000164296	0.072992	2.971253	0.925419	1 TIGD6	-
ENSG00000006062	-0.066288	4.916462	0.925434	1 MAP3K14	-

ENSG00000163945	0.110123	1.935764	0.925514	1 UVSSA	-
ENSG00000224914	0.110123	1.935764	0.925514	1 LINC00863	-
ENSG00000100393	0.065549	5.182015	0.925558	1 EP300	K04498
ENSG00000100023	-0.065329	5.184631	0.925558	1 PPIL2	K10598
ENSG00000140262	-0.06336	5.97288	0.925581	1 TCF12	K15603
ENSG00000176261	0.063732	5.408566	0.925647	1 ZBTB80S	K17985
ENSG00000167969	-0.062301	6.883715	0.925678	1 ECI1	K13238
ENSG00000149541	0.06546	5.186841	0.925732	1 B3GAT3	K10158
ENSG00000057757	-0.065085	5.541635	0.925738	1 PITHD1	-
ENSG00000169727	0.061874	7.180609	0.925758	1 GPS1	K12175
ENSG00000149483	-0.062994	5.544456	0.925873	1 TMEM138	K17985
ENSG00000139436	-0.070939	4.332057	0.925895	1 GIT2	K12487
ENSG00000146828	-0.06498	5.189445	0.925905	1 SLC12A9	K14429
ENSG00000101126	-0.062343	6.653986	0.925911	1 ADNP	-
ENSG00000177045	-0.07017	4.60314	0.926029	1 SIX5	K19474
ENSG00000204843	-0.061727	7.204922	0.926045	1 DCTN1	K04648
ENSG00000140983	-0.061833	6.952589	0.926168	1 RHOT2	K07871
ENSG00000171453	-0.064702	5.672041	0.926187	1 POLR1C	K03027
ENSG00000171729	0.083852	2.987659	0.9262	1 TMEM51	-
ENSG00000121454	0.075708	3.589438	0.926382	1 LHX4	K09374
ENSG00000103343	-0.063909	4.482766	0.926389	1 ZNF174	K09230
ENSG00000178252	0.063592	6.078138	0.926401	1 WDR6	-
ENSG00000131269	0.06395	5.617784	0.926486	1 ABCB7	K05662
ENSG00000116030	0.060908	7.801516	0.926508	1 SUMO1	K12160
ENSG00000243989	-0.098458	2.56563	0.92651	1 ACY1	K14677
ENSG00000180185	-0.063151	5.280243	0.926515	1 FAHD1	K01557
ENSG00000100991	0.061427	6.915447	0.926543	1 TRPC4AP	K11796
ENSG00000110719	0.061544	6.124771	0.926544	1 TCIRG1	K02154
ENSG00000108094	0.062671	6.206646	0.926552	1 CUL2	K03870
ENSG00000131100	0.06095	7.635393	0.926553	1 ATP6V1E1	K02150
ENSG00000172831	-0.069163	4.8374	0.926563	1 CES2	K03927
ENSG00000150961	0.062238	6.081378	0.926586	1 SEC24D	K14007
ENSG00000050130	-0.062131	5.845239	0.926624	1 JKAMP	-
ENSG00000196233	-0.073549	3.829334	0.926649	1 LCOR	-
ENSG00000239382	-0.073549	3.829334	0.926649	1 ALKBH6	K10768
ENSG00000139620	0.063713	5.993225	0.926678	1 KANSL2	K18401
ENSG00000132305	-0.060901	7.654701	0.926695	1 IMMT	K17785
ENSG00000156471	0.060866	7.52063	0.926727	1 PTDSS1	K08729
ENSG00000126261	-0.060711	7.900197	0.926775	1 UBA2	K10685
ENSG00000110713	0.060849	7.457638	0.92679	1 NUP98	K14297
ENSG00000073536	-0.065012	5.285875	0.926836	1 NLE1	K14855
ENSG00000117632	-0.060407	8.570283	0.926843	1 STMN1	K04381
ENSG00000100426	0.062191	5.500585	0.926884	1 ZBED4	-
ENSG00000174917	0.066574	5.127839	0.927032	1 C19orf70	-
ENSG00000140543	-0.102866	1.957145	0.927062	1 DET1	K10571
ENSG00000076650	0.069983	3.830577	0.927082	1 GPATCH1	K13123
ENSG00000001497	-0.060831	7.138954	0.927193	1 LAS1L	K16912
ENSG00000178935	-0.075124	3.346646	0.927225	1 ZNF552	K09228
ENSG00000177200	0.067414	4.627469	0.927299	1 CHD9	K14438
ENSG00000115365	0.060406	7.453887	0.927331	1 LANCL1	-
ENSG00000148835	0.06552	5.046551	0.927335	1 TAF5	K03130
ENSG00000038295	0.061417	5.135357	0.927385	1 TLL1	K09608
ENSG00000175390	-0.060083	8.19767	0.927386	1 EIF3F	K03249
ENSG00000167461	0.062858	5.575172	0.927464	1 RAB8A	K07901
ENSG00000159256	0.064437	4.954761	0.927477	1 MORC3	-
ENSG00000226085	-0.095613	2.594877	0.927519	1 UQCRFS1P1	K00411
ENSG00000198105	-0.068799	4.041185	0.927597	1 ZNF248	K09228
ENSG00000272068	-0.07122	3.024268	0.927714	1 RP11-284F21.9	-

ENSG00000089327	-0.060198	7.301753	0.927814	1 FXYD5	K13362
ENSG00000119760	-0.06286	5.919553	0.927816	1 SUPT7L	K11316
ENSG00000124074	0.073564	3.356674	0.927821	1 ENKD1	-
ENSG00000119777	0.060891	6.388863	0.927828	1 TMEM214	-
ENSG00000108344	0.060116	7.176664	0.927893	1 PSMD3	K03033
ENSG00000165671	-0.061898	5.870189	0.927909	1 NSD1	K15588
ENSG00000180818	0.061784	6.109605	0.927949	1 HOXC10	K17444
ENSG00000242071	0.059794	7.623646	0.927962	1 RPL7AP6	K02936
ENSG00000120647	0.062171	6.237206	0.928049	1 CCDC77	K16757
ENSG00000140319	-0.059491	8.278543	0.92807	1 SRP14	K03104
ENSG00000196072	0.061184	5.150257	0.928082	1 BLOC1S2	K16750
ENSG00000152475	0.189768	0.907761	0.928218	1 ZNF837	K09228
ENSG00000176919	0.189768	0.907761	0.928218	1 C8G	K03999
ENSG00000227855	0.189768	0.907761	0.928218	1 DPY19L2P3	-
ENSG00000260401	0.189768	0.907761	0.928218	1 RP11-800A3.4	-
ENSG00000148296	-0.166588	0.910136	0.928218	1 SURF6	-
ENSG00000221817	-0.166588	0.910136	0.928218	1 RP11-137L10.6	-
ENSG00000268403	-0.166588	0.910136	0.928218	1 AC132192.1	-
ENSG00000136378	0.13762	0.934613	0.928218	1 ADAMTS7	K08622
ENSG00000187838	0.13762	0.934613	0.928218	1 TMEM256-PLSCR3	-
ENSG00000259172	0.13762	0.934613	0.928218	1 RP11-299G20.2	-
ENSG00000064607	0.060593	6.338253	0.928263	1 SUGP2	K13166
ENSG00000057663	-0.059408	6.282095	0.92829	1 ATG5	K08339
ENSG00000213930	-0.068517	3.634721	0.928376	1 GALT	K00965
ENSG00000267080	-0.082061	3.368171	0.928407	1 ASB16-AS1	-
ENSG00000123200	0.059723	6.245318	0.928455	1 ZC3H13	-
ENSG00000214944	-0.064902	4.974787	0.928458	1 ARHGEF28	K16529
ENSG00000163468	-0.058866	9.276941	0.928518	1 CCT3	K09495
ENSG00000175606	-0.061953	6.0317	0.928593	1 TMEM70	K17966
ENSG00000170852	-0.062296	5.885844	0.928638	1 KBTBD2	K10470
ENSG00000135862	0.059319	7.424306	0.92867	1 LAMC1	K05635
ENSG00000163159	-0.059936	6.079816	0.92867	1 VPS72	K11664
ENSG00000142733	-0.067215	4.062319	0.928695	1 MAP3K6	K04425
ENSG00000160714	-0.0598	6.821125	0.92878	1 UBE2Q1	K10582
ENSG00000123268	-0.059723	6.86692	0.92882	1 ATF1	K09053
ENSG00000106049	0.059697	6.720399	0.928847	1 HIBADH	K00020
ENSG00000147604	-0.058459	10.15858	0.92887	1 RPL7	K02937
ENSG00000123352	-0.06021	6.350852	0.928941	1 SPATS2	-
ENSG00000083642	-0.060936	5.404482	0.928964	1 PDS5B	K11267
ENSG00000183853	0.059854	6.458354	0.928985	1 KIRREL	-
ENSG00000149311	-0.06397	5.33123	0.929005	1 ATM	K04728
ENSG00000130520	-0.058679	8.339374	0.92903	1 LSM4	K12623
ENSG00000095906	0.059734	6.533678	0.929031	1 NUBP2	K03593
ENSG00000068796	-0.060652	5.729364	0.929037	1 KIF2A	K10393
ENSG00000142166	-0.061367	5.670323	0.929073	1 IFNAR1	K05130
ENSG00000187555	0.059421	6.796167	0.929098	1 USP7	K11838
ENSG00000130511	0.059599	6.607065	0.929101	1 SSBP4	-
ENSG00000206053	0.058787	7.694814	0.929142	1 HN1L	-
ENSG00000182718	0.058131	10.5232	0.929219	1 ANXA2	K17092
ENSG00000177674	0.063212	4.664287	0.929243	1 AGTRAP	-
ENSG00000138942	0.063266	5.173535	0.929269	1 RNF185	K10666
ENSG00000099381	0.061081	5.792573	0.929333	1 SETD1A	K11422
ENSG00000162227	-0.074278	3.652351	0.929333	1 TAF6L	K03131
ENSG00000198816	0.060847	6.00009	0.929369	1 ZNF358	K09228
ENSG00000161217	-0.062463	5.551952	0.929411	1 PCYT1A	K00968
ENSG00000170421	0.057862	11.46544	0.929489	1 KRT8	K07604
ENSG00000184182	-0.064728	4.897459	0.929498	1 UBE2F	K10687
ENSG00000148672	-0.058483	7.833731	0.929518	1 GLUD1	K00261

ENSG00000167671	0.059278	6.56552	0.929542	1 UBXN6	K14011
ENSG00000175575	-0.066363	4.790632	0.929598	1 PAAF1	K11887
ENSG00000125352	-0.062923	5.002401	0.929786	1 RNF113A	K13127
ENSG00000084676	-0.066427	3.662658	0.929802	1 NCOA1	K09101
ENSG00000131503	-0.067959	3.066683	0.929872	1 ANKHD1	K16726
ENSG00000144736	0.071152	4.259484	0.9299	1 SHQ1	K14764
ENSG00000108352	0.105715	2.024795	0.929971	1 RAPGEFL1	K08019
ENSG00000135164	-0.059946	5.69084	0.930011	1 DMTF1	-
ENSG00000138468	-0.079232	3.401698	0.93011	1 SENP7	K08596
ENSG00000232187	-0.079232	3.401698	0.93011	1 FTH1P7	K00522
ENSG00000149273	-0.057277	10.59998	0.930264	1 RPS3	K02985
ENSG00000176087	-0.059254	6.284347	0.930338	1 SLC35A4	K15273
ENSG00000106636	0.058369	6.815376	0.930352	1 YKT6	K08516
ENSG00000145331	0.081806	2.646237	0.930385	1 TRMT10A	K15445
ENSG00000127329	-0.076478	2.644226	0.930385	1 PTPRB	K05694
ENSG00000196204	0.066197	4.689993	0.930407	1 RNF216P1	K11976
ENSG00000108946	-0.057865	7.608287	0.93041	1 PRKAR1A	K04739
ENSG00000140463	0.066318	4.27093	0.930514	1 BBS4	K16531
ENSG00000160953	-0.058918	5.976374	0.93056	1 MUM1	-
ENSG00000158615	-0.057214	8.972371	0.930599	1 PPP1R15B	K17558
ENSG00000271270	0.072355	3.407184	0.93066	1 TMCC1-AS1	-
ENSG00000108669	-0.058388	6.121348	0.930685	1 CYTH1	K18441
ENSG00000153207	0.057815	7.166918	0.930691	1 AHCTF1	-
ENSG00000133612	-0.058481	6.566502	0.930706	1 AGAP3	K12491
ENSG00000120942	-0.069146	4.106278	0.930794	1 UBIAD1	K18623
ENSG00000127314	-0.058189	6.689267	0.930894	1 RAP1B	K07836
ENSG00000171466	0.059098	5.291362	0.930904	1 ZNF562	K09228
ENSG00000089220	-0.057242	8.053967	0.930906	1 PEBP1	K04257
ENSG00000159259	-0.057978	5.7685	0.930927	1 CHAF1B	K10751
ENSG00000261040	0.059112	4.929088	0.931073	1 CTD-2319I12.1	-
ENSG00000130962	-0.152925	1.000028	0.931075	1 PRRG1	K00522
ENSG00000158859	-0.152925	1.000028	0.931075	1 ADAMTS4	K07764
ENSG00000175003	-0.152925	1.000028	0.931075	1 SLC22A1	K08198
ENSG00000212766	-0.152925	1.000028	0.931075	1 LINC00277	-
ENSG00000254531	-0.152925	1.000028	0.931075	1 AP001816.1	-
ENSG00000134882	-0.057738	6.960725	0.931122	1 UBAC2	-
ENSG00000166619	0.059871	5.651337	0.931156	1 BLCAP	-
ENSG00000104960	0.057658	6.868899	0.931158	1 PTOV1	K15168
ENSG00000000457	-0.060605	3.426044	0.931201	1 SCYL3	K17542
ENSG00000149179	0.06023	5.213104	0.931216	1 C11orf49	-
ENSG00000163565	0.058116	6.360839	0.931226	1 IFI16	-
ENSG00000261461	-0.074217	2.671952	0.931291	1 UBE2MP1	K10579
ENSG00000105486	-0.059317	5.990924	0.931306	1 LIG1	K10747
ENSG00000066777	0.057911	5.378303	0.931333	1 ARFGEF1	K18442
ENSG00000147274	-0.056842	8.108682	0.931364	1 RBMX	K12885
ENSG00000078142	-0.061835	4.938063	0.931455	1 PIK3C3	K00914
ENSG00000165113	-0.062731	4.123928	0.931466	1 GKAP1	-
ENSG00000183576	0.057662	6.225516	0.931494	1 SETD3	K19199
ENSG00000148572	0.062468	5.221356	0.93153	1 NRBF2	-
ENSG00000187954	0.057779	6.386234	0.931597	1 CYHR1	-
ENSG00000100029	-0.056804	7.696115	0.931641	1 PES1	K14843
ENSG00000112697	0.056728	7.689926	0.931644	1 TMEM30A	-
ENSG00000256053	-0.064348	4.301202	0.93171	1 APOPT1	K10407
ENSG00000161920	0.061278	4.300211	0.93171	1 MED11	K15131
ENSG00000035403	0.056626	7.627849	0.931805	1 VCL	K05700
ENSG00000147649	0.056324	8.284562	0.931853	1 MTDH	-
ENSG00000127324	0.061339	5.140341	0.931894	1 TSPAN8	K17349
ENSG00000230383	0.056666	6.004871	0.931945	1 AC009245.3	K02934

ENSG00000174780	-0.05661	7.558459	0.931969	1 SRP72	K03108
ENSG00000186787	0.066779	2.681306	0.932173	1 SPIN2B	-
ENSG00000015479	-0.05588	9.013342	0.932209	1 MATR3	K13213
ENSG00000228630	0.056253	5.147793	0.932221	1 HOTAIR	-
ENSG00000082701	0.057285	6.342033	0.932259	1 GSK3B	K03083
ENSG00000164331	-0.067373	3.44642	0.932259	1 ANKRA2	-
ENSG00000156509	-0.06371	4.310066	0.932292	1 FBXO43	K10318
ENSG00000158796	0.057231	4.847643	0.9323	1 DEDD	K12165
ENSG00000166685	0.057231	4.847643	0.9323	1 COG1	-
ENSG00000036054	-0.057372	6.344939	0.932384	1 TBC1D23	-
ENSG00000163684	-0.06064	4.73407	0.932407	1 RPP14	K14529
ENSG00000143256	0.056942	6.529401	0.932416	1 PFDN2	K09549
ENSG00000100211	-0.06132	4.143894	0.93245	1 CBY1	-
ENSG00000117385	0.056483	6.961912	0.932489	1 LEPRE1	K08134
ENSG00000183386	-0.061906	4.852629	0.932499	1 FHL3	-
ENSG00000162813	-0.058723	5.244831	0.932607	1 BPNT1	K01082
ENSG00000172661	-0.090187	2.086237	0.932657	1 FAM21C	K18462
ENSG00000148225	0.081739	2.078715	0.932657	1 WDR31	K16467
ENSG00000136279	0.057829	6.020501	0.932662	1 DBNL	-
ENSG00000167881	-0.056437	6.948358	0.932713	1 SRP68	K03107
ENSG00000049860	-0.055616	8.206479	0.932807	1 HEXB	K12373
ENSG00000156535	-0.055862	7.658421	0.932809	1 CD109	K06530
ENSG00000134109	-0.058466	5.066598	0.932817	1 EDEM1	K10084
ENSG00000144118	0.056067	6.745132	0.933218	1 RALB	K07835
ENSG00000067167	0.055255	7.976276	0.933283	1 TRAM1	K14010
ENSG00000106400	0.055881	6.176621	0.933306	1 ZNHIT1	K11663
ENSG00000205629	-0.064714	4.166077	0.933407	1 LCMT1	K18203
ENSG00000125458	-0.05925	5.70099	0.933416	1 NT5C	K01081
ENSG00000121057	0.056785	5.880081	0.933532	1 AKAP1	K16518
ENSG00000112739	-0.05541	7.356844	0.933577	1 PRPF4B	-
ENSG00000101439	-0.05571	6.847651	0.933706	1 CST3	K13899
ENSG00000171169	0.064992	4.34188	0.933706	1 NAIF1	K11447
ENSG00000230195	0.131279	1.023736	0.933711	1 AC118138.2	-
ENSG00000263470	0.131279	1.023736	0.933711	1 RP11-160O5.1	-
ENSG00000269352	0.131279	1.023736	0.933711	1 AC018766.5	-
ENSG00000135245	0.061375	3.974353	0.933737	1 HILPDA	K17985
ENSG00000119927	-0.073375	3.75008	0.933758	1 GPAM	K00629
ENSG00000114626	0.055844	5.18203	0.933811	1 ABTB1	K10520
ENSG00000119392	-0.056945	6.2334	0.933845	1 GLE1	K18723
ENSG00000135931	-0.08645	2.126834	0.933924	1 ARMC9	-
ENSG00000084710	-0.06632	2.115892	0.933924	1 EFR3B	-
ENSG00000213420	-0.06632	2.115892	0.933924	1 GPC2	K08108
ENSG00000125844	0.054885	7.409137	0.934061	1 RRBP1	K14000
ENSG00000099804	0.055556	6.484051	0.934153	1 CDC34	K02207
ENSG00000205517	0.060472	4.352689	0.934255	1 RGL3	K17639
ENSG00000149091	-0.061086	4.774682	0.934295	1 DGKZ	K00901
ENSG00000114450	0.060879	5.000711	0.93437	1 GNB4	K04538
ENSG00000163125	-0.058461	5.282493	0.934377	1 RPRD2	-
ENSG00000236565	-0.070169	3.172662	0.934438	1 HNRNPA3P5	K12741
ENSG00000256060	-0.060594	3.167579	0.934438	1 TRAPPC2P1	K09228
ENSG00000069956	0.055307	6.41838	0.934544	1 MAPK6	K06855
ENSG00000214413	0.063085	4.189154	0.934641	1 BBIP1	K19399
ENSG00000143862	0.059319	5.106365	0.934643	1 ARL8A	K07955
ENSG00000171067	-0.055706	5.107864	0.934643	1 C11orf24	K11504
ENSG00000174136	0.061267	4.78377	0.934701	1 RGMB	K06847
ENSG00000167173	0.055629	5.850734	0.934711	1 C15orf39	-
ENSG00000179526	-0.055393	6.374839	0.93473	1 SHARPIN	-
ENSG00000088305	0.056555	4.901476	0.934803	1 DNMT3B	K17399

ENSG00000198918	0.055131	6.340945	0.934868	1 RPL39	K02924
ENSG00000166004	-0.056877	5.855127	0.934903	1 KIAA1731	-
ENSG00000186871	0.058057	4.522642	0.934919	1 ERCC6L	-
ENSG00000168556	0.054123	5.113995	0.934964	1 ING2	K19198
ENSG00000112977	0.053848	7.836637	0.935061	1 DAP	-
ENSG00000064995	-0.054813	5.863438	0.935286	1 TAF11	K03135
ENSG00000266066	0.078645	2.754263	0.935487	1 POLRMTP1	K10908
ENSG00000177380	0.056341	4.918982	0.935536	1 PPFIA3	-
ENSG00000111271	0.057949	4.210681	0.935537	1 ACAD10	K11729
ENSG00000181704	0.054497	6.398236	0.935553	1 YIPF6	-
ENSG00000070614	0.053389	6.182667	0.935652	1 NDST1	K02576
ENSG00000101457	0.05462	4.805921	0.935693	1 DNNTIP1	K08707
ENSG00000119820	-0.056276	5.931108	0.935766	1 YIPF4	K17985
ENSG00000166579	0.053841	6.138518	0.935797	1 NDEL1	K16739
ENSG00000145337	-0.062381	4.389606	0.93585	1 PYURF	K11001
ENSG00000134748	0.054343	6.313076	0.935862	1 PRPF38A	K12849
ENSG00000179195	0.053694	6.959082	0.935874	1 ZNF664	K09228
ENSG00000005156	0.057711	4.810606	0.935888	1 LIG3	K10776
ENSG00000080815	0.055292	5.229573	0.935915	1 PSEN1	K04505
ENSG00000101843	-0.054231	6.471392	0.935989	1 PSMD10	K06694
ENSG00000119318	-0.052873	8.482834	0.936028	1 RAD23B	K10839
ENSG00000213341	-0.053703	5.75963	0.93604	1 CHUK	K04467
ENSG00000006837	0.171263	1.084096	0.93615	1 CDKL3	K08824
ENSG00000183199	0.171263	1.084096	0.93615	1 HSP90AB3P	K04079
ENSG00000272473	0.171263	1.084096	0.93615	1 AC006273.4	-
ENSG00000149292	-0.140967	1.08468	0.93615	1 TTC12	-
ENSG00000204044	-0.140967	1.08468	0.93615	1 RP11-465L10.10	-
ENSG00000269906	-0.140967	1.08468	0.93615	1 RP11-248J18.2	-
ENSG00000259256	0.077926	2.78005	0.936266	1 RP11-838N2.3	-
ENSG00000172922	0.055215	5.886767	0.936314	1 RNASEH2C	K10745
ENSG00000178764	-0.102246	2.176867	0.936319	1 ZHX2	-
ENSG00000186807	0.079329	2.159526	0.936319	1 ANXA8L2	K17096
ENSG00000127423	0.057657	4.552861	0.936328	1 AUNIP	K16800
ENSG00000249859	0.055604	5.564086	0.936393	1 PVT1	-
ENSG00000172409	-0.055887	4.940903	0.93643	1 CLP1	K14399
ENSG00000131437	-0.058389	4.035739	0.936466	1 KIF3A	K10394
ENSG00000103249	0.053231	6.8606	0.936533	1 CLCN7	K05016
ENSG00000137193	0.054499	5.492813	0.936535	1 PIM1	K04702
ENSG00000167257	0.057772	3.812117	0.93654	1 RNF214	-
ENSG00000141759	-0.053832	6.414961	0.936558	1 TXNL4A	K12859
ENSG00000164237	-0.05266	7.77892	0.936621	1 CMBL	K01061
ENSG00000057252	-0.053622	6.540849	0.936626	1 SOAT1	K00637
ENSG00000106399	-0.054962	5.951091	0.936654	1 RPA3	K10740
ENSG00000132382	0.052998	6.958021	0.936719	1 MYBBP1A	K02331
ENSG00000156273	0.054131	6.110857	0.936743	1 BACH1	K09042
ENSG00000197217	-0.058277	4.94803	0.93678	1 ENTPD4	K12305
ENSG00000167384	0.054958	4.042554	0.936791	1 ZNF180	K09228
ENSG00000115211	0.055475	5.57517	0.936849	1 EIF2B4	K03680
ENSG00000162733	0.052747	7.121307	0.936877	1 DDR2	K05125
ENSG00000145425	-0.051835	10.43768	0.936898	1 RPS3A	K02984
ENSG00000167996	0.051746	11.81586	0.936917	1 FTH1	K00522
ENSG00000102996	0.053016	6.722036	0.936941	1 MMP15	K07995
ENSG00000165238	-0.05934	4.242145	0.936977	1 WNK2	K08867
ENSG00000101391	-0.055811	5.649514	0.937024	1 CDK5RAP1	-
ENSG00000171421	0.052653	6.919764	0.937174	1 MRPL36	K02919
ENSG00000152520	-0.055082	4.717475	0.937328	1 PAN3	K12572
ENSG00000162337	-0.053808	6.073983	0.937331	1 LRP5	K03068
ENSG00000109618	-0.075002	3.23464	0.937352	1 SEPSECS	K03341

ENSG0000008394	0.05185	8.079598	0.937373	1 MGST1	K00799
ENSG00000162607	0.051697	8.502561	0.937399	1 USP1	K11832
ENSG00000172361	-0.079591	2.20477	0.937453	1 CCDC11	-
ENSG00000127054	-0.054002	6.22464	0.937491	1 CPSF3L	K13148
ENSG00000158042	-0.052381	7.074093	0.937502	1 MRPL17	K02879
ENSG00000070366	0.055568	4.721974	0.93753	1 SMG6	K11124
ENSG00000108433	0.055568	4.721974	0.93753	1 GOSR2	K08496
ENSG00000136240	0.05149	8.705015	0.93759	1 KDEL2	K10949
ENSG00000008283	0.053919	6.131026	0.937592	1 CYB561	K08360
ENSG00000132522	0.057447	3.83689	0.937662	1 GPS2	K15307
ENSG00000184897	0.051925	7.334713	0.937706	1 H1FX	K11275
ENSG00000186654	0.059251	4.43612	0.937859	1 PRR5	-
ENSG00000080503	0.05463	5.802031	0.937901	1 SMARCA2	K11647
ENSG00000180398	-0.051623	7.717757	0.937918	1 MCFD2	-
ENSG00000008294	0.051901	7.074553	0.937944	1 SPAG9	-
ENSG00000168701	0.054453	5.08327	0.937996	1 TMEM208	-
ENSG00000186951	0.057289	3.849118	0.938027	1 PPARA	K07294
ENSG00000100994	-0.051974	6.238067	0.938058	1 PYGB	K00688
ENSG00000132581	0.052749	5.984916	0.938107	1 SDF2	-
ENSG00000148334	-0.052106	6.80752	0.938121	1 PTGES2	K05309
ENSG00000183943	-0.055198	4.861682	0.938137	1 PRKX	K19584
ENSG00000065328	-0.052535	6.386424	0.938172	1 MCM10	K10736
ENSG00000107960	0.057105	4.275542	0.938354	1 OBFC1	-
ENSG00000165661	-0.052454	6.319925	0.938376	1 QSOX2	K10758
ENSG00000169330	-0.130415	1.164667	0.938413	1 KIAA1024	-
ENSG00000174607	-0.130415	1.164667	0.938413	1 UGT8	K04628
ENSG00000214783	-0.130415	1.164667	0.938413	1 POLR2J4	-
ENSG00000254612	0.063871	2.836788	0.938492	1 RP11-676M6.1	K09512
ENSG00000167468	0.050663	8.596322	0.938627	1 GPX4	K05361
ENSG00000062282	-0.054877	4.088205	0.938675	1 DGAT2	K11160
ENSG00000005022	-0.050465	9.324954	0.938724	1 SLC25A5	K05863
ENSG00000136943	0.058911	4.460236	0.938818	1 CTSV	K01375
ENSG00000185019	-0.072082	3.271377	0.938979	1 UBOX5	K10600
ENSG00000257337	-0.072082	3.271377	0.938979	1 RP11-983P16.4	-
ENSG00000070610	-0.054799	5.303735	0.939097	1 GBA2	K17108
ENSG00000089057	0.063076	3.870197	0.939098	1 SLC23A2	K14611
ENSG00000058262	-0.05043	8.203834	0.939112	1 SEC61A1	K10956
ENSG00000187079	-0.050298	7.960287	0.939389	1 TEAD1	K09448
ENSG00000196459	0.056765	4.302471	0.939413	1 TRAPPC2	K12581
ENSG00000197363	-0.061863	3.284731	0.939503	1 ZNF517	K09228
ENSG00000170604	-0.051437	5.48696	0.939583	1 IRF2BP1	-
ENSG00000113575	-0.049902	8.341048	0.939696	1 PPP2CA	K04382
ENSG00000131263	0.05041	6.928064	0.939887	1 RLIM	K16271
ENSG00000113231	-0.052558	5.232048	0.939981	1 PDE8B	K18437
ENSG00000174851	-0.05035	7.054115	0.939986	1 YIF1A	-
ENSG00000096401	-0.050993	6.394269	0.940027	1 CDC5L	K12860
ENSG00000128973	0.05362	5.576089	0.940054	1 CLN6	K12359
ENSG00000148429	0.053531	4.908805	0.940064	1 USP6NL	K12581
ENSG00000172007	0.060409	3.625661	0.940088	1 RAB33B	K07920
ENSG00000105048	0.050111	7.053235	0.940134	1 TNNT1	K10372
ENSG00000160753	0.051933	5.920468	0.94028	1 RUSC1	-
ENSG00000137818	-0.048927	10.53509	0.940429	1 RPLP1	K02942
ENSG00000076770	0.059016	4.132796	0.940451	1 MBNL3	K14943
ENSG00000149577	-0.057141	4.1314	0.940451	1 SIDT2	-
ENSG00000110768	0.049444	5.862837	0.940453	1 GTF2H1	K03141
ENSG00000170270	0.060197	3.639809	0.940492	1 C14orf142	-
ENSG00000149177	0.053195	5.426021	0.940498	1 PTPRJ	K05698
ENSG00000198586	0.053195	5.426021	0.940498	1 TLK1	K08864

ENSG00000164236	0.120762	1.186972	0.94052	1 ANKRD33B	-
ENSG00000188959	0.120762	1.186972	0.94052	1 C9orf152	-
ENSG00000171017	-0.082731	1.219292	0.94052	1 LRRC8E	-
ENSG00000176749	-0.082731	1.219292	0.94052	1 CDK5R1	K11716
ENSG00000126216	-0.051694	5.864948	0.940541	1 TUBGCP3	K16570
ENSG00000224126	0.075293	2.878819	0.940568	1 UBE2SP2	K10583
ENSG00000115257	-0.070653	2.882772	0.940568	1 PCSK4	K08671
ENSG00000130544	-0.070653	2.882772	0.940568	1 ZNF557	K09228
ENSG00000064102	-0.049741	7.206165	0.940584	1 ASUN	-
ENSG00000140525	-0.049536	7.489903	0.940607	1 FANCI	K10895
ENSG00000250920	0.076183	2.272835	0.940623	1 RP11-297P16.4	-
ENSG00000272093	-0.073444	2.278727	0.940623	1 CTC-365E16.1	-
ENSG00000254858	0.051876	5.343077	0.940759	1 MPV17L2	K13348
ENSG00000180822	-0.051374	5.518868	0.940932	1 PSMG4	K11878
ENSG00000150712	-0.05015	5.936856	0.940947	1 MTMR12	K18085
ENSG00000149485	0.04925	7.328437	0.940959	1 FADS1	K10224
ENSG00000151461	-0.051152	6.053671	0.940975	1 UPF2	K14327
ENSG00000212747	-0.067973	3.324791	0.941022	1 FAM127C	-
ENSG00000198015	0.049625	6.73031	0.941043	1 MRPL42	K17423
ENSG00000062650	-0.049756	6.645736	0.941169	1 WAPAL	-
ENSG00000168439	0.048699	8.113079	0.941189	1 STIP1	K09553
ENSG00000131591	0.049244	4.671258	0.941211	1 C1orf159	-
ENSG00000114739	0.059988	3.65382	0.941285	1 ACVR2B	K13596
ENSG00000167644	0.049168	6.899684	0.941422	1 C19orf33	-
ENSG00000115694	0.049094	6.273349	0.941478	1 STK25	K08838
ENSG00000169564	0.048315	8.34553	0.941565	1 PCBP1	K12889
ENSG00000206149	-0.051939	3.669352	0.941674	1 HERC2P9	K10595
ENSG00000162734	0.04929	6.535063	0.941678	1 PEA15	-
ENSG00000166140	0.051625	5.95482	0.941679	1 ZFYVE19	-
ENSG00000084754	-0.04837	7.927715	0.941751	1 HADHA	K07515
ENSG00000106070	-0.04904	6.129534	0.941817	1 GRB10	-
ENSG00000168385	0.04804	8.544263	0.941834	1	2-Sep K16942
ENSG00000197905	0.04876	5.959052	0.941839	1 TEAD4	K09448
ENSG00000241360	0.066564	3.677913	0.942057	1 PDXP	K07758
ENSG00000213024	-0.048764	6.910258	0.94206	1 NUP62	K14306
ENSG00000155858	-0.064589	3.947619	0.942098	1 LSM11	K17985
ENSG00000065029	0.050335	3.9463	0.942098	1 ZNF76	-
ENSG00000138604	0.048867	6.136013	0.942101	1 GLCE	K01793
ENSG00000125818	-0.050753	5.466281	0.942107	1 PSMF1	K06700
ENSG00000131116	-0.059275	4.173336	0.942126	1 ZNF428	K02914
ENSG00000142751	0.055884	4.69513	0.942175	1 GPN2	K06883
ENSG00000102901	0.048541	5.185662	0.942206	1 CENPT	K11512
ENSG00000205302	-0.048783	6.75816	0.942209	1 SNX2	K17917
ENSG00000182272	0.048746	6.612417	0.942244	1 B4GALNT4	K09657
ENSG00000116704	0.053956	4.547265	0.942373	1 SLC35D1	K15281
ENSG00000139266	-0.05476	4.376945	0.942383	1	9-Mar K10659
ENSG00000168092	0.0486	6.633777	0.942395	1 PAFAH1B2	K16795
ENSG00000101407	-0.049034	5.556621	0.942432	1 TTI1	-
ENSG00000182899	-0.047351	9.716844	0.942445	1 RPL35A	K02917
ENSG00000174796	0.064803	3.361117	0.942466	1 THAP6	-
ENSG00000141699	0.050891	5.194071	0.942475	1 FAM134C	-
ENSG00000273143	0.116353	1.26214	0.942485	1 RP11-525A16.4	-
ENSG00000174840	0.051843	5.084568	0.94249	1 PDE12	K19612
ENSG00000005448	-0.088056	2.323796	0.942563	1 WDR54	K17985
ENSG00000262246	-0.088056	2.323796	0.942563	1 CORO7	K18619
ENSG00000099995	0.048176	6.823492	0.942702	1 SF3A1	K12825
ENSG00000173918	0.061552	3.963145	0.942725	1 C1QTNF1	K19470
ENSG00000081014	0.052335	4.710307	0.942738	1 AP4E1	K09131

ENSG00000111716	-0.046993	11.14531	0.94274	1 LDHB	K00016
ENSG00000089682	-0.05494	4.557235	0.942788	1 RBM41	-
ENSG00000197568	0.050107	4.556637	0.942788	1 HHLA3	-
ENSG00000164291	-0.056842	3.700113	0.942809	1 ARSK	K12376
ENSG00000108510	-0.05036	6.045066	0.942911	1 MED13	K15164
ENSG00000155545	-0.050856	5.399292	0.942917	1 MIER3	-
ENSG00000170315	-0.046984	9.050998	0.943021	1 UBB	K04551
ENSG00000173272	0.048847	5.724501	0.943067	1 MZT2A	K16574
ENSG00000100883	-0.048252	6.582181	0.943077	1 SRP54	K03106
ENSG00000258839	0.07354	2.948694	0.943128	1 MC1R	K04199
ENSG00000119720	-0.065377	2.952282	0.943128	1 NRDE2	-
ENSG00000169981	-0.065377	2.952282	0.943128	1 ZNF35	K09228
ENSG00000119125	-0.047172	7.816779	0.943269	1 GDA	K01487
ENSG00000104964	0.046782	8.757116	0.943302	1 AES	K04497
ENSG00000068615	0.051411	4.399231	0.94331	1 REEP1	K17338
ENSG00000101109	-0.047239	5.318088	0.943446	1 STK4	K04411
ENSG00000198056	0.04832	5.219021	0.943528	1 PRIM1	K02684
ENSG00000108883	-0.046955	7.705019	0.943598	1 EFTUD2	K12852
ENSG00000068120	0.046851	7.7074	0.943633	1 COASY	K02318
ENSG00000182606	0.047657	5.323496	0.943687	1 TRAK1	K15369
ENSG00000107815	-0.050289	5.813642	0.943723	1 C10orf2	K17680
ENSG00000118007	-0.049463	4.584874	0.943801	1 STAG1	K06671
ENSG00000125319	0.052088	4.736872	0.943833	1 C17orf53	-
ENSG00000174243	0.046759	7.476411	0.943884	1 DDX23	K12858
ENSG00000143742	-0.046517	8.142958	0.943897	1 SRP9	K03109
ENSG00000011007	0.050579	5.231915	0.94404	1 TCEB3	K15076
ENSG00000163872	0.048486	5.515046	0.944052	1 YEATS2	K12581
ENSG00000115286	-0.047331	6.671352	0.944076	1 NDUFS7	K03940
ENSG00000075568	0.050778	4.886742	0.944182	1 TMEM131	-
ENSG00000165185	0.055334	4.421892	0.944207	1 KIAA1958	K11447
ENSG00000103018	-0.046627	7.39594	0.94421	1 CYB5B	-
ENSG00000150403	0.046849	6.91974	0.944216	1 TMCO3	-
ENSG00000185485	0.058819	3.735139	0.944257	1 SDHAP1	K00234
ENSG00000197044	-0.112638	1.312521	0.944323	1 ZNF441	K09228
ENSG00000217716	0.061512	2.977126	0.944326	1 RPS10P3	K02947
ENSG00000155846	0.055326	4.01025	0.944528	1 PPARGC1B	K17962
ENSG00000130766	0.051909	4.75648	0.94454	1 SESN2	K10141
ENSG00000089009	-0.045607	9.765373	0.944561	1 RPL6	K02934
ENSG00000168040	0.051127	4.432116	0.944645	1 FADD	K02373
ENSG00000108061	0.047894	6.091032	0.944702	1 SHOC2	K19613
ENSG00000237506	0.049664	5.027885	0.944759	1 RPSAP15	K02998
ENSG00000146143	-0.055148	4.610259	0.944779	1 PRIM2	K02685
ENSG00000126226	0.046029	7.316913	0.94488	1 PCID2	-
ENSG00000005955	-0.072927	3.002586	0.944907	1 GGNBP2	-
ENSG00000160207	-0.062133	2.996835	0.944907	1 HSF2BP	-
ENSG00000181544	-0.05971	3.756396	0.944953	1 FANCB	K10889
ENSG00000109854	0.046613	6.503975	0.944962	1 HTATIP2	K17290
ENSG00000170545	-0.054208	4.249036	0.944966	1 SMAGP	-
ENSG00000074219	-0.047975	5.150446	0.944975	1 TEAD2	K09448
ENSG00000141384	0.04973	4.023856	0.945104	1 TAF4B	K03129
ENSG00000226944	0.063615	3.427869	0.945153	1 RP1-120G22.11	-
ENSG00000122033	-0.048181	4.774629	0.945229	1 MTIF3	K02520
ENSG00000169714	0.04509	8.988796	0.945304	1 CNBP	K09250
ENSG00000109475	-0.045181	8.513437	0.945373	1 RPL34	K02915
ENSG00000051009	0.048505	4.777438	0.945398	1 FAM160A2	-
ENSG00000076248	-0.045894	7.028503	0.94542	1 UNG	K03648
ENSG00000198642	-0.047442	5.551956	0.945477	1 KLHL9	K10447
ENSG00000116957	-0.04655	5.715259	0.945514	1 TBCE	-

ENSG00000100401	-0.045258	7.962074	0.945516	1 RANGAP1	K14319
ENSG00000137693	-0.045235	7.83649	0.945612	1 YAP1	K16687
ENSG00000161654	-0.050508	4.788984	0.945734	1 LSM12	-
ENSG00000215041	-0.046002	5.054747	0.94575	1 NEURL4	K16777
ENSG00000119969	-0.048198	5.796392	0.945781	1 HELLS	K19001
ENSG00000109881	-0.047405	6.176972	0.945791	1 CCDC34	K16753
ENSG00000131236	0.044895	8.113058	0.945816	1 CAP1	K17261
ENSG00000105879	-0.046506	5.174925	0.945884	1 CBLL1	K15685
ENSG00000118495	-0.04702	5.941149	0.946011	1 PLAGL1	K19485
ENSG00000111087	-0.105081	1.381158	0.946047	1 GLI1	K16797
ENSG00000185332	-0.105081	1.381158	0.946047	1 TMEM105	-
ENSG00000154654	0.075083	1.353153	0.946047	1 NCAM2	K06491
ENSG00000232995	0.075083	1.353153	0.946047	1 RP11-267N12.3	-
ENSG00000251603	0.075083	1.353153	0.946047	1 RP11-164P12.4	-
ENSG00000166086	-0.070456	1.362087	0.946047	1 JAM3	K06785
ENSG00000066455	0.04628	5.568711	0.946066	1 GOLGA5	-
ENSG00000261189	-0.079155	2.424978	0.946086	1 RP3-512B11.3	-
ENSG00000241878	-0.047304	5.388864	0.946097	1 PISD	-
ENSG00000170471	-0.047628	5.805829	0.946112	1 RALGAPB	-
ENSG00000140526	0.050351	4.939159	0.946195	1 ABHD2	-
ENSG00000114853	0.049489	4.055859	0.94622	1 ZBTB47	K10518
ENSG00000242612	0.048336	4.802805	0.946231	1 DECR2	K13237
ENSG00000116005	0.045065	6.995254	0.946312	1 PCYOX1	K05906
ENSG00000174013	0.047103	5.738535	0.946386	1 FBXO45	K10319
ENSG00000185359	-0.045708	6.41293	0.946401	1 HGS	K12182
ENSG00000197622	-0.046343	5.952523	0.946458	1 CDC42SE1	-
ENSG00000163428	0.044821	7.053212	0.946557	1 LRRC58	K17985
ENSG00000254598	-0.069565	3.045631	0.946578	1 CSNK2A3	K03097
ENSG00000204104	-0.046923	4.29214	0.946632	1 TRAF3IP1	K19680
ENSG00000247596	0.047402	4.951979	0.946639	1 TWF2	K08870
ENSG00000205531	-0.044566	7.359034	0.946743	1 NAP1L4	K11282
ENSG00000178531	-0.049522	5.083489	0.946841	1 CTXN1	-
ENSG00000215421	-0.07646	2.457194	0.9469	1 ZNF407	-
ENSG00000121848	-0.060548	2.448619	0.9469	1 RNF115	K11982
ENSG00000094804	-0.044232	7.715711	0.946902	1 CDC6	K02213
ENSG00000164611	0.043984	8.101441	0.946928	1 PTTG1	K06635
ENSG00000141026	0.050595	4.49572	0.946936	1 MED9	K15149
ENSG00000157540	-0.045816	5.755586	0.94698	1 DYRK1A	K08825
ENSG00000102225	0.044271	7.344966	0.946996	1 CDK16	-
ENSG00000121390	-0.046006	5.512158	0.947191	1 PSPC1	K13219
ENSG00000130695	0.048173	4.827734	0.947197	1 CEP85	K16766
ENSG00000149636	0.045348	5.762164	0.94723	1 DSN1	K11544
ENSG00000270504	-0.055415	3.819816	0.947259	1 RP11-420L9.5	-
ENSG00000197329	-0.049319	3.816629	0.947259	1 PELI1	K11964
ENSG00000140948	0.047684	5.319107	0.947268	1 ZCCHC14	-
ENSG00000132964	0.046629	4.505433	0.947332	1 CDK8	K02208
ENSG00000100347	0.044199	6.043267	0.947404	1 SAMM50	K07277
ENSG00000168216	0.049126	5.101283	0.9475	1 LMBRD1	K14617
ENSG00000185834	0.047726	4.315819	0.947539	1 RPL12P4	K02870
ENSG00000031698	0.043288	8.482416	0.947635	1 SARS	K01875
ENSG00000124784	-0.045186	6.173337	0.947719	1 RIOK1	K07178
ENSG00000133597	-0.044627	5.434188	0.9478	1 ADCK2	K08869
ENSG00000251369	0.049185	4.097454	0.947813	1 ZNF550	K09228
ENSG00000198356	0.044111	6.651759	0.947819	1 ASNA1	K01551
ENSG00000186020	0.062275	3.507185	0.947986	1 ZNF529	K17985
ENSG0000020922	-0.044904	5.92825	0.947991	1 MRE11A	K10865
ENSG00000138386	-0.045511	5.704369	0.947997	1 NAB1	-
ENSG00000161526	-0.045939	6.181212	0.948027	1 SAP30BP	-

ENSG00000161956	-0.046848	5.623074	0.948029	1 SENP3	K08593
ENSG00000066027	-0.044918	6.000571	0.948175	1 PPP2R5A	K11584
ENSG00000181690	0.05122	3.840036	0.948189	1 PLAG1	-
ENSG00000225138	-0.04518	5.23786	0.948208	1 CTD-2228K2.7	-
ENSG00000126453	-0.046749	5.711917	0.948252	1 BCL2L12	-
ENSG00000160551	-0.045083	6.066825	0.948276	1 TAOK1	K04429
ENSG00000162604	-0.043764	5.790864	0.948289	1 TM2D1	K10734
ENSG00000130311	0.043884	6.131003	0.948368	1 DDA1	K11792
ENSG00000239887	-0.073885	2.488709	0.948457	1 C1orf226	K16513
ENSG00000119509	-0.048569	4.538453	0.948486	1 INVS	K19626
ENSG00000189043	-0.043185	7.227125	0.948529	1 NDUFA4	K03948
ENSG00000108509	0.043878	5.13414	0.948647	1 CAMTA2	-
ENSG00000003756	0.043859	5.723667	0.94867	1 RBM5	K13094
ENSG00000144566	-0.043745	5.948273	0.948712	1 RAB5A	K03283
ENSG00000145741	-0.042218	9.58533	0.948716	1 BTF3	K01527
ENSG00000111786	-0.042976	7.210051	0.948796	1 SRSF9	K12890
ENSG00000109819	-0.052245	4.128849	0.948823	1 PPARGC1A	-
ENSG00000148090	-0.048166	4.720774	0.948872	1 AUH	K05607
ENSG00000044574	0.04199	10.36923	0.948879	1 HSPA5	K09490
ENSG00000132604	-0.042952	5.01461	0.948889	1 TERF2	K11111
ENSG00000170860	-0.044799	5.954649	0.948924	1 LSM3	K12622
ENSG00000170638	-0.043047	6.920815	0.948986	1 TRABD	-
ENSG00000100503	-0.046072	5.262058	0.949014	1 NIN	K16476
ENSG00000153487	-0.043841	5.260912	0.949014	1 ING1	K19197
ENSG00000167113	-0.043841	5.260912	0.949014	1 COQ4	K18586
ENSG00000142330	-0.051303	4.555351	0.949045	1 CAPN10	K08579
ENSG00000221890	-0.046731	4.136296	0.949069	1 NPTXR	K12581
ENSG00000173486	0.04482	5.470232	0.949106	1 FKBP2	K09569
ENSG00000244509	-0.045703	5.889572	0.949143	1 APOBEC3C	K18750
ENSG00000154917	-0.130542	1.464597	0.949189	1 RAB6B	K07894
ENSG00000174500	-0.130542	1.464597	0.949189	1 GCSAM	-
ENSG00000176678	-0.098243	1.446694	0.949189	1 FOXL1	K09405
ENSG00000250509	-0.098243	1.446694	0.949189	1 CTC-573N18.1	-
ENSG00000198496	0.054541	2.515249	0.949201	1 NBR2	K04135
ENSG00000233937	0.054541	2.515249	0.949201	1 CTC-338M12.4	-
ENSG00000089063	0.043546	5.816879	0.94923	1 TMEM230	-
ENSG00000204130	-0.051478	3.880571	0.94938	1 RUFY2	K12898
ENSG00000017260	-0.042327	7.351279	0.94947	1 ATP2C1	K01537
ENSG00000198755	0.041482	9.771359	0.949561	1 RPL10A	K02865
ENSG00000236439	-0.063415	3.128061	0.949634	1 RP11-175B9.3	K02978
ENSG00000223745	0.059267	3.125264	0.949634	1 RP4-717I23.3	-
ENSG00000185920	0.046366	3.560465	0.949837	1 PTCH1	K06225
ENSG00000135451	-0.042505	6.73984	0.949847	1 TROAP	-
ENSG00000114698	-0.05073	3.892421	0.949955	1 PLSCR4	-
ENSG00000014216	0.043033	5.984205	0.94996	1 CAPN1	K01367
ENSG00000135372	-0.042527	6.569792	0.950034	1 NAT10	K14521
ENSG00000064961	0.041273	8.650652	0.950037	1 HMG20B	-
ENSG00000112419	-0.054524	4.170861	0.950267	1 PHACTR2	-
ENSG00000157106	-0.042511	6.396378	0.950301	1 SMG1	K08873
ENSG00000136153	-0.040944	9.12813	0.950356	1 LMO7	K06084
ENSG00000076356	0.047213	4.401337	0.950486	1 PLXNA2	-
ENSG00000122971	0.048626	4.177211	0.9505	1 ACADS	K00248
ENSG00000180739	0.061073	3.582365	0.950541	1 S1PR5	K04295
ENSG00000241839	0.053624	3.586141	0.950541	1 PLEKHO2	-
ENSG00000129559	0.042135	6.334399	0.950618	1 NEDD8	K12158
ENSG00000115414	-0.092025	1.509396	0.950626	1 FN1	K05717
ENSG00000223546	-0.092025	1.509396	0.950626	1 LINC00630	-
ENSG00000144357	0.046121	4.60252	0.95065	1 UBR3	K11978

ENSG00000079739	0.040855	8.274733	0.950668	1 PGM1	K01835
ENSG00000095383	0.043294	5.312503	0.950767	1 TBC1D2	-
ENSG00000119314	0.04124	7.211033	0.950777	1 PTBP3	K17844
ENSG00000105221	-0.041761	6.708741	0.950787	1 AKT2	K04456
ENSG00000086758	0.046067	5.196472	0.950797	1 HUWE1	K10592
ENSG00000160226	0.044672	3.926309	0.951067	1 C21orf2	-
ENSG00000111077	0.045474	5.320207	0.951082	1 TENC1	K18080
ENSG00000164111	0.040274	8.967193	0.951173	1 ANXA5	K16646
ENSG00000105854	-0.040522	7.977666	0.951269	1 PON2	K01045
ENSG00000105519	0.053886	2.575363	0.95131	1 CAPS	-
ENSG00000128000	0.053886	2.575363	0.95131	1 ZNF780B	K09228
ENSG00000230699	0.053886	2.575363	0.95131	1 RP11-5407.1	-
ENSG00000134248	-0.041031	7.01909	0.951335	1 LAMTOR5	K16344
ENSG00000147140	-0.04013	9.052279	0.951365	1 NONO	K13214
ENSG00000078967	0.053246	4.203597	0.951409	1 UBE2D4	K06689
ENSG00000134909	0.053327	3.615071	0.951561	1 ARHGAP32	-
ENSG00000145349	0.053327	3.615071	0.951561	1 CAMK2D	K04515
ENSG00000145014	0.042413	4.632912	0.951665	1 TMEM44	-
ENSG00000126804	0.041417	6.107015	0.951843	1 ZBTB1	K10488
ENSG00000173065	-0.051446	4.218718	0.951852	1 FAM222B	-
ENSG00000008513	-0.052723	3.953156	0.951868	1 ST3GAL1	-
ENSG00000237973	0.041535	6.041931	0.95191	1 hsa-mir-6723	K02256
ENSG00000025293	-0.040684	6.857198	0.951924	1 PHF20	K18402
ENSG00000166135	0.040424	5.81843	0.951935	1 HIF1AN	K18055
ENSG00000005884	-0.039861	8.280772	0.951936	1 ITGA3	K06482
ENSG00000169964	-0.06464	2.60833	0.951975	1 TMEM42	-
ENSG00000259431	-0.050309	2.600655	0.951975	1 THTPA	K05307
ENSG00000130829	0.102624	1.528825	0.951983	1 DUSP9	K18498
ENSG00000132386	0.102624	1.528825	0.951983	1 SERPINF1	K19614
ENSG00000272106	0.102624	1.528825	0.951983	1 RP11-345P4.9	-
ENSG00000214719	0.070325	1.545766	0.951983	1 AC005562.1	-
ENSG00000159228	0.040709	6.576529	0.952033	1 CBR1	K00079
ENSG00000198034	0.039334	10.89049	0.952077	1 RPS4X	K02987
ENSG00000205485	-0.046489	3.961554	0.95213	1 AC004980.7	K09228
ENSG00000162851	0.043537	5.235422	0.952133	1 TFB2M	K17653
ENSG00000103932	-0.043154	5.561273	0.952145	1 RPAP1	K09228
ENSG00000132424	0.040297	6.943073	0.95215	1 PNISR	K13170
ENSG00000146918	0.040192	7.052861	0.952179	1 NCAPG2	K11492
ENSG00000104343	-0.041387	5.656495	0.952202	1 UBE2W	K10688
ENSG00000228474	0.041395	6.119687	0.952258	1 OST4	-
ENSG00000180957	0.045874	4.652212	0.952318	1 PITPNB	-
ENSG00000104687	-0.040467	6.732032	0.952329	1 GSR	K00383
ENSG00000156599	-0.040626	6.122648	0.952375	1 ZDHHC5	-
ENSG00000197111	-0.039366	8.496574	0.952458	1 PCBP2	K13162
ENSG00000166166	-0.045174	4.656145	0.952479	1 TRMT61A	K07442
ENSG00000130810	-0.053733	3.64154	0.95254	1 PPAN	K14859
ENSG00000163466	-0.039564	7.613763	0.952642	1 ARPC2	K05758
ENSG00000182362	0.042328	4.667844	0.952797	1 YBEY	-
ENSG00000177600	0.038633	9.523316	0.953067	1 RPLP2	K02943
ENSG00000075303	0.041615	4.999391	0.953098	1 SLC25A40	K15119
ENSG00000204186	-0.045155	3.665801	0.95317	1 ZDBF2	K11447
ENSG00000011451	-0.043317	5.270031	0.953192	1 WIZ	-
ENSG00000104290	-0.046245	3.23869	0.953203	1 FZD3	K02329
ENSG00000141425	0.039871	6.452291	0.953203	1 RPRD1A	K15559
ENSG00000164951	-0.040535	6.2129	0.953228	1 PDP1	-
ENSG00000214756	-0.115991	1.585857	0.953267	1 METTL12	K12606
ENSG00000262050	-0.115991	1.585857	0.953267	1 RP11-74E22.3	-
ENSG00000268713	-0.115991	1.585857	0.953267	1 CTC-444N24.8	-

ENSG00000237846	0.09992	1.58844	0.953267	1 RP11-216M21.1	-
ENSG00000205937	-0.039128	7.474505	0.953267	1 RNPS1	K14325
ENSG00000113648	-0.038841	8.045962	0.953281	1 H2AFY	K11251
ENSG00000131043	-0.043151	5.147966	0.953319	1 AAR2	K13205
ENSG00000213639	-0.038777	7.925064	0.95342	1 PPP1CB	K06269
ENSG00000107779	0.040563	5.695161	0.953464	1 BMPR1A	K04673
ENSG00000069966	0.043391	5.281261	0.953603	1 GNB5	K04539
ENSG00000146054	-0.049227	4.008655	0.953641	1 TRIM7	K12000
ENSG00000135387	0.038174	8.974175	0.95373	1 CAPRIN1	K18743
ENSG00000104731	0.040943	5.403403	0.953748	1 KLHDC4	-
ENSG00000100083	0.043776	5.16381	0.953874	1 GGA1	K12404
ENSG00000136111	0.040281	5.957626	0.95391	1 TBC1D4	K17902
ENSG00000107643	-0.047463	4.283163	0.953949	1 MAPK8	K04440
ENSG00000167600	-0.047463	4.283163	0.953949	1 CYP2S1	K07420
ENSG00000164162	-0.054179	3.261897	0.954017	1 ANAPC10	K03357
ENSG00000186814	0.048099	3.264358	0.954017	1 ZSCAN30	K09230
ENSG00000259494	-0.042411	4.704022	0.954028	1 MRPL46	K17427
ENSG00000096093	0.038842	3.691961	0.954085	1 EFHC1	K11545
ENSG00000130881	0.038842	3.691961	0.954085	1 LRP3	-
ENSG00000008952	-0.038517	7.280298	0.954158	1 SEC62	K12275
ENSG00000120656	-0.042031	4.710734	0.954178	1 TAF12	K03126
ENSG00000114388	-0.047903	4.030272	0.954361	1 NPRL2	-
ENSG00000176974	-0.039246	6.299511	0.954409	1 SHMT1	K00600
ENSG00000220785	0.047982	3.282504	0.954414	1 MTMR9LP	K18084
ENSG00000162076	0.038241	7.127216	0.954488	1 FLYWCH2	-
ENSG00000011132	-0.046389	4.30106	0.954542	1 APBA3	-
ENSG00000112584	0.049648	4.034603	0.954597	1 FAM120B	-
ENSG00000112699	-0.039124	5.980584	0.954598	1 GMDS	K01711
ENSG00000138138	0.038204	7.04457	0.954602	1 ATAD1	-
ENSG00000182108	-0.055943	3.713533	0.954676	1 DEXI	-
ENSG00000204822	-0.043024	3.293325	0.954804	1 MRPL53	K17434
ENSG00000250899	-0.043024	3.293325	0.954804	1 RP11-253E3.3	-
ENSG00000170412	0.04126	5.19887	0.954946	1 GPRC5C	K04620
ENSG00000069329	-0.037904	7.205031	0.954964	1 VPS35	K18468
ENSG00000171174	0.052727	2.688559	0.955043	1 RBKS	K00852
ENSG00000065518	-0.038045	6.835488	0.955152	1 NDUFB4	K03960
ENSG00000090565	0.040404	5.836966	0.95518	1 RAB11FIP3	K12485
ENSG00000184674	-0.03796	5.839158	0.955247	1 GSTT1	K00799
ENSG00000169249	-0.045988	4.062102	0.955288	1 ZRSR2	-
ENSG00000167186	-0.04083	4.059421	0.955288	1 COQ7	K06134
ENSG00000131351	0.042616	4.552947	0.955327	1 HAUS8	K16591
ENSG00000124226	0.03796	6.596148	0.955346	1 RNF114	K15697
ENSG00000119401	-0.039634	5.210876	0.95536	1 TRIM32	K10607
ENSG00000136930	-0.037193	7.879062	0.955372	1 PSMB7	K02739
ENSG00000136238	0.036822	8.420482	0.955527	1 RAC1	K04392
ENSG00000114423	0.052129	3.738523	0.955534	1 CBLB	K04707
ENSG00000177879	0.037087	7.621526	0.955555	1 AP3S1	K12399
ENSG00000066422	0.038866	5.932706	0.95557	1 ZBTB11	K10498
ENSG00000170779	0.038865	5.668673	0.9556	1 CDCA4	-
ENSG00000105722	0.037868	6.457286	0.955627	1 ERF	K09434
ENSG00000134982	0.038864	5.572401	0.955693	1 APC	K02085
ENSG00000128050	-0.036591	8.924934	0.955708	1 PAICS	K01587
ENSG00000122299	-0.038279	6.296728	0.955827	1 ZC3H7A	-
ENSG00000188807	-0.043817	4.344856	0.95587	1 TMEM201	-
ENSG00000204628	0.036116	10.66463	0.956015	1 GNB2L1	K14753
ENSG00000103769	-0.036825	7.535819	0.956025	1 RAB11A	K07904
ENSG00000131381	-0.038497	4.943704	0.956089	1 ZFYVE20	K12481
ENSG00000143947	-0.036116	9.962841	0.956096	1 RPS27A	K02977

ENSG00000144021	-0.037234	6.850768	0.956121	1 CIAO1	-
ENSG00000170142	-0.037419	6.646656	0.956133	1 UBE2E1	K06689
ENSG00000121716	0.065737	2.735018	0.956163	1 PILRB	K15411
ENSG00000065325	0.038864	5.587075	0.956165	1 GLP2R	K04582
ENSG00000141252	0.042081	4.774262	0.956172	1 VPS53	K02927
ENSG00000130770	0.036878	7.047883	0.95621	1 ATP1F1	-
ENSG00000070081	-0.037589	6.330359	0.956368	1 NUCB2	-
ENSG00000175309	-0.042831	4.36201	0.956416	1 PHYKPL	K18202
ENSG00000175166	0.035949	8.608986	0.956532	1 PSMD2	K03028
ENSG00000100324	0.038858	4.788629	0.956576	1 TAB1	K04403
ENSG00000101350	0.038865	5.70276	0.95662	1 KIF3B	K10394
ENSG00000166173	-0.04541	3.775541	0.956628	1 LARP6	K18733
ENSG00000176700	-0.056995	3.354895	0.956658	1 SCAND2P	K09230
ENSG00000213638	-0.056995	3.354895	0.956658	1 ADAT3	K15442
ENSG00000169762	-0.048542	3.35044	0.956658	1 TAPT1	-
ENSG00000095564	0.036941	6.510694	0.956685	1 BTAF1	K15192
ENSG00000152894	-0.036826	6.049072	0.95671	1 PTPRK	K06776
ENSG00000152944	0.037669	6.197646	0.956843	1 MED21	K15152
ENSG00000163719	-0.044609	4.604807	0.956888	1 MTMR14	K18086
ENSG00000171848	-0.036252	7.2475	0.956937	1 RRM2	K10808
ENSG00000250208	-0.045994	4.381097	0.956948	1 FZD10-AS1	-
ENSG00000108963	0.038858	4.80127	0.956974	1 DPH1	K07561
ENSG00000081386	0.047439	3.369959	0.95701	1 ZNF510	K09228
ENSG00000142459	-0.039119	5.13054	0.957093	1 EVI5L	K09228
ENSG00000156467	0.035466	8.495069	0.957155	1 UQCRB	K00417
ENSG00000103091	-0.03942	4.978894	0.957157	1 WDR59	-
ENSG00000100335	-0.036473	6.647972	0.95728	1 MIEF1	-
ENSG00000100441	0.038861	5.136645	0.957301	1 KHNYN	-
ENSG00000198113	0.037309	5.81998	0.957336	1 TOR4A	K15696
ENSG00000132356	0.035714	7.383264	0.957372	1 PRKAA1	K07198
ENSG00000156860	-0.041009	5.141765	0.957405	1 FBRS	-
ENSG00000022567	0.038864	5.633761	0.957523	1 SLC45A4	K15378
ENSG00000110801	0.038863	5.412701	0.957602	1 PSMD9	K06693
ENSG00000174516	0.043865	4.140421	0.957652	1 PELI3	K11964
ENSG00000051341	-0.039122	5.532196	0.957677	1 POLQ	K02349
ENSG00000052749	0.036275	6.08391	0.957748	1 RRP12	K14794
ENSG00000173786	-0.09832	1.750637	0.957778	1 CNP	K01121
ENSG00000251795	-0.09832	1.750637	0.957778	1 SNORA66	-
ENSG00000123104	0.03886	5.000769	0.95784	1 ITPR2	K04959
ENSG00000159459	0.03886	5.006238	0.957951	1 UBR1	K10625
ENSG00000196639	-0.053642	3.405371	0.958034	1 HRH1	K04149
ENSG00000101158	0.035081	7.53429	0.958046	1 NELFCD	K15181
ENSG00000050748	-0.036113	6.358424	0.958115	1 MAPK9	K04440
ENSG00000103353	0.035022	6.099984	0.958222	1 UBF1	-
ENSG00000185787	-0.03482	7.783798	0.958312	1 MORF4L1	K11339
ENSG00000164347	-0.035671	6.504186	0.958442	1 GFM2	K02355
ENSG00000102098	-0.037981	4.659584	0.958484	1 SCML2	K11465
ENSG00000162437	-0.036116	6.183651	0.958485	1 RAVR2	-
ENSG00000169895	-0.03503	7.143729	0.958511	1 SYAP1	K12581
ENSG00000138085	0.036183	6.033909	0.958585	1 ATRAID	-
ENSG00000198690	-0.041098	3.850358	0.958663	1 FAN1	K15363
ENSG00000166529	-0.050059	2.82147	0.958733	1 ZSCAN21	K09230
ENSG00000198142	-0.034617	7.466121	0.95876	1 SOWAHC	K12581
ENSG00000179743	-0.067834	1.78772	0.958772	1 RP11-169K16.9	-
ENSG00000183569	-0.067834	1.78772	0.958772	1 SERHL2	K04613
ENSG00000268471	-0.067834	1.78772	0.958772	1 MIR4453	-
ENSG00000197951	0.065636	1.768122	0.958772	1 ZNF71	K09228
ENSG00000234753	0.065636	1.768122	0.958772	1 RP11-328M4.2	-

ENSG00000165891	-0.039108	4.182843	0.958839	1 E2F7	K09391
ENSG00000105976	-0.03419	8.264499	0.958848	1 MET	K05099
ENSG00000100353	0.034046	8.272427	0.958959	1 EIF3D	K03251
ENSG00000004455	-0.034047	8.416994	0.958963	1 AK2	K00939
ENSG00000130725	0.034799	6.754019	0.959011	1 UBE2M	K10579
ENSG00000108599	-0.038327	5.581561	0.959112	1 AKAP10	K16526
ENSG00000146576	-0.046342	3.865545	0.959143	1 C7orf26	-
ENSG00000117419	0.035301	6.208357	0.959206	1 ERI3	K18418
ENSG00000136448	0.034348	7.087113	0.959252	1 NMT1	-
ENSG00000136811	-0.035194	5.975722	0.959262	1 ODF2	K16479
ENSG00000062485	0.033893	7.947482	0.959277	1 CS	K01647
ENSG00000197603	-0.033984	5.79562	0.959292	1 C5orf42	K16480
ENSG00000006757	-0.036164	4.693864	0.959439	1 PNPLA4	K11157
ENSG00000151148	-0.038473	4.889999	0.959449	1 UBE3B	K10588
ENSG00000076043	-0.034653	6.579021	0.959577	1 REXO2	K13288
ENSG00000105327	0.038846	3.882443	0.959611	1 BBC3	K10132
ENSG00000156463	0.038836	3.456559	0.959637	1 SH3RF2	K12171
ENSG00000164938	0.038836	3.456559	0.959637	1 TP53INP1	K15310
ENSG00000166415	0.091065	1.804928	0.95972	1 WDR72	-
ENSG00000213963	0.091065	1.804928	0.95972	1 AC074286.1	-
ENSG00000182195	0.064674	1.81874	0.95972	1 LDOC1	-
ENSG00000153922	-0.036454	6.153784	0.959729	1 CHD1	K11367
ENSG00000172053	0.033759	7.272718	0.959826	1 QARS	K01886
ENSG00000108292	-0.033946	7.103168	0.959865	1 MLLT6	-
ENSG00000109920	0.033903	6.95193	0.959909	1 FNBP4	-
ENSG00000166946	0.03496	5.49476	0.959931	1 CCNDBP1	-
ENSG00000114861	-0.037056	4.220947	0.959961	1 FOXP1	-
ENSG00000155096	0.033497	7.489829	0.96	1 AZIN1	-
ENSG00000197958	0.03281	9.89973	0.960114	1 RPL12	K02870
ENSG00000271912	-0.058892	2.876495	0.960136	1 RP11-661A12.14	-
ENSG00000233426	-0.043346	4.496301	0.96019	1 EIF3FP3	K03249
ENSG00000180098	0.034942	4.495817	0.96019	1 TRNAU1AP	-
ENSG00000117448	0.033507	7.033543	0.96032	1 AKR1A1	K00002
ENSG00000122778	-0.035667	5.63195	0.960521	1 KIAA1549	K17985
ENSG00000196646	-0.045598	2.893945	0.960582	1 ZNF136	K09228
ENSG00000132128	0.033681	6.404399	0.960775	1 LRRC41	K10347
ENSG00000166747	0.034289	5.849183	0.960801	1 APIG1	K12391
ENSG00000131473	0.038837	3.503722	0.960834	1 ACLY	K01648
ENSG00000103978	0.034067	6.194646	0.960859	1 TMEM87A	-
ENSG00000149187	0.03298	7.068273	0.960931	1 CELF1	K13207
ENSG00000124222	-0.033617	6.487185	0.960958	1 STX16	K08489
ENSG00000079616	-0.033455	6.60268	0.961001	1 KIF22	K10403
ENSG00000177614	0.050677	2.914809	0.961019	1 PGBD5	-
ENSG00000236144	0.050677	2.914809	0.961019	1 AD000090.2	-
ENSG00000132005	-0.039609	4.2604	0.961024	1 RFX1	K09173
ENSG00000101935	-0.036406	5.27116	0.961073	1 AMMECR1	-
ENSG00000138376	-0.042236	3.935948	0.961169	1 BARD1	K10683
ENSG00000196544	-0.037462	4.532716	0.961212	1 C17orf59	-
ENSG00000143149	0.033155	6.527896	0.961259	1 ALDH9A1	K00149
ENSG00000182628	-0.033422	5.867981	0.96126	1 SKA2	-
ENSG00000111846	0.03463	5.960436	0.961262	1 GCNT2	K00742
ENSG00000023228	-0.033047	6.731647	0.96134	1 NDUFS1	K03934
ENSG00000136682	0.043422	4.273387	0.961365	1 CBWD2	-
ENSG00000049239	0.038852	4.275691	0.961365	1 H6PD	K13937
ENSG00000164830	0.034033	5.771015	0.961379	1 OXR1	-
ENSG00000106605	-0.03338	6.370142	0.961413	1 BLVRA	K00214
ENSG00000111670	-0.033179	6.534311	0.961425	1 GNPTAB	K08239
ENSG00000073969	-0.037586	4.960699	0.961445	1 NSF	K06027

ENSG00000198339	0.063779	1.867642	0.961491	1 HIST1H4I	K11254
ENSG00000155438	-0.033245	6.307855	0.961671	1 NIFK	K14838
ENSG00000071462	0.038852	4.284721	0.961701	1 WBSCR22	K19306
ENSG00000253729	0.031457	9.518973	0.961814	1 PRKDC	K06642
ENSG00000211459	0.031322	11.31324	0.961824	1 MT-RNR1	-
ENSG00000089127	-0.034857	5.681492	0.961836	1 OAS1	K14216
ENSG00000221829	0.034097	5.790165	0.961857	1 FANCG	K10894
ENSG00000144504	0.03882	2.943906	0.961863	1 ANKMY1	K14165
ENSG00000120832	0.032463	4.785477	0.961942	1 MTERFD3	K15031
ENSG00000051596	-0.032674	5.690862	0.962089	1 THOC3	K12880
ENSG00000173020	-0.034343	5.99235	0.962095	1 ADRBK1	K00910
ENSG00000133112	0.030988	11.13426	0.96224	1 TPT1	-
ENSG00000055070	-0.032285	6.644047	0.962369	1 SZRD1	-
ENSG00000196365	0.031196	8.42224	0.962379	1 LONP1	K08675
ENSG00000051108	-0.032144	6.766303	0.962396	1 HERPUD1	K14027
ENSG00000143324	0.032404	6.350049	0.962397	1 XPR1	-
ENSG00000147889	-0.031139	8.592661	0.962446	1 CDKN2A	K06621
ENSG00000115234	-0.032297	6.258882	0.962565	1 SNX17	K17929
ENSG00000197818	0.038839	3.579055	0.962766	1 SLC9A8	K14724
ENSG00000173465	0.031634	5.605207	0.962884	1 SSSCA1	-
ENSG00000141385	-0.031671	6.77594	0.962961	1 AFG3L2	K08956
ENSG00000146701	-0.035754	4.826501	0.96297	1 MDH2	K00026
ENSG00000168612	0.046213	3.589906	0.963026	1 ZSWIM1	K17985
ENSG00000181896	-0.035098	3.587552	0.963026	1 ZNF101	K09228
ENSG00000110628	-0.032413	4.831117	0.963081	1 SLC22A18	K08214
ENSG00000179010	0.030569	8.531177	0.96311	1 MRFAP1	-
ENSG00000146166	0.085944	1.948312	0.963112	1 LGSN	-
ENSG00000115255	-0.033148	5.197784	0.963131	1 REEP6	K17279
ENSG00000168876	-0.033148	5.197784	0.963131	1 ANKRD49	-
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ENSG00000055917	0.031632	6.409562	0.963254	1 PUM2	K17943
ENSG00000244462	-0.031243	6.983191	0.963263	1 RBM12	-
ENSG00000164134	-0.031434	6.747656	0.96328	1 NAA15	K00670
ENSG00000092847	0.033489	5.035969	0.963349	1 AGO1	K11593
ENSG00000088179	-0.040281	4.617344	0.963363	1 PTPN4	K18037
ENSG00000172985	0.035256	4.615161	0.963363	1 SH3RF3	K12171
ENSG00000188846	-0.030173	9.602993	0.963391	1 RPL14	K02875
ENSG00000216285	0.049949	3.004997	0.963447	1 RP11-490H24.5	K01834
ENSG00000184436	-0.033271	5.745827	0.963479	1 THAP7	-
ENSG00000165632	-0.04855	3.609484	0.963536	1 TAF3	K14650
ENSG00000113595	0.03884	3.608121	0.963536	1 TRIM23	K07963
ENSG00000166803	-0.030547	7.605502	0.963618	1 KIAA0101	-
ENSG00000164944	-0.03125	6.610787	0.963667	1 KIAA1429	-
ENSG00000198730	-0.030784	6.14329	0.963704	1 CTR9	K15176
ENSG00000076685	0.032495	5.374093	0.963718	1 NT5C2	K01081
ENSG00000058063	0.032786	4.859866	0.963838	1 ATP11B	K01530
ENSG00000176485	0.03184	5.967458	0.963855	1 PLA2G16	K16817
ENSG00000104213	-0.076402	1.989458	0.963872	1 PDGFRL	-
ENSG00000204271	-0.054092	1.977338	0.963872	1 SPIN3	-
ENSG00000197579	-0.030878	5.761272	0.963882	1 TOPORS	K10631
ENSG00000111530	-0.030032	8.083837	0.963989	1 CAND1	K17263
ENSG00000130939	0.033587	5.062463	0.964004	1 UBE4B	K10597
ENSG00000130414	-0.031207	6.392764	0.964016	1 NDUFA10	K03954
ENSG00000116809	0.033518	4.053384	0.964133	1 ZBTB17	K10500
ENSG00000137770	0.030504	5.979323	0.964149	1 CTDSPL2	K17616
ENSG00000116874	0.030987	5.069017	0.964187	1 WARS2	K01867
ENSG00000138411	-0.048529	3.034458	0.964191	1 HECW2	K12168
ENSG00000168575	0.038824	3.03233	0.964191	1 SLC20A2	-

ENSG00000162302	-0.032121	5.398244	0.964306	1 RPS6KA4	K16510
ENSG00000119185	-0.03043	5.987527	0.964343	1 ITGB1BP1	-
ENSG00000213246	0.030812	6.255037	0.964435	1 SUPT4H1	K15171
ENSG00000204120	-0.030329	5.668622	0.964444	1 GIGYF2	K18730
ENSG00000149743	0.045924	3.647046	0.964516	1 TRPT1	K10669
ENSG00000165886	0.038841	3.650649	0.964516	1 UBTD1	-
ENSG00000099795	0.030364	6.177164	0.964562	1 NDUFB7	K03963
ENSG00000139370	-0.036398	4.401922	0.964623	1 SLC15A4	K14638
ENSG00000184203	-0.029987	7.132233	0.964653	1 PPP1R2	K16833
ENSG00000112062	-0.030845	6.007431	0.964817	1 MAPK14	K04441
ENSG00000197265	0.030645	5.420918	0.964875	1 GTF2E2	K03137
ENSG00000168502	0.031201	6.104444	0.964924	1 SOGA2	-
ENSG00000068078	-0.032911	5.424007	0.964945	1 FGFR3	K05094
ENSG00000006607	0.032985	4.90741	0.964968	1 FARP2	K06082
ENSG00000070476	-0.039107	4.090625	0.965023	1 ZXDC	-
ENSG00000108590	0.038849	4.092423	0.965023	1 MED31	K15153
ENSG00000175182	0.038849	4.092423	0.965023	1 FAM131A	-
ENSG00000069943	0.035428	4.68503	0.965058	1 PIGB	K05286
ENSG00000134444	0.032006	4.686751	0.965058	1 KIAA1468	-
ENSG00000166169	-0.034365	4.912	0.965067	1 POLL	K03512
ENSG00000124214	0.029558	7.044864	0.965111	1 STAU1	K17597
ENSG00000102265	0.02899	7.958431	0.965242	1 TIMP1	K16451
ENSG00000205423	-0.056216	3.082025	0.965251	1 CNEP1R1	-
ENSG00000229320	-0.056216	3.082025	0.965251	1 KRT8P12	K07605
ENSG00000110925	0.033032	4.919055	0.965264	1 CSRNP2	K17494
ENSG00000168056	-0.029432	7.169874	0.965296	1 LTBP3	K08023
ENSG00000167785	-0.094154	2.04447	0.965301	1 ZNF558	K09228
ENSG00000131480	0.060745	2.048187	0.965301	1 AOC2	K00276
ENSG00000232150	0.060745	2.048187	0.965301	1 ST13P4	K09560
ENSG00000013374	0.029522	6.817208	0.965359	1 NUB1	-
ENSG00000165526	-0.030658	4.927922	0.965458	1 RPUSD4	-
ENSG00000198060	-0.030728	6.037783	0.965551	1	5-Mar K10660
ENSG00000197050	-0.044732	3.097211	0.965591	1 ZNF420	K09228
ENSG00000130202	0.029283	6.655626	0.965814	1 PVRL2	K06531
ENSG00000011405	0.030322	5.948404	0.96582	1 PIK3C2A	K00923
ENSG00000105993	0.028912	7.140603	0.96582	1 DNAJB6	K09512
ENSG00000013392	0.033782	4.125517	0.96587	1 RWDD2A	K11447
ENSG00000136636	-0.029352	6.631728	0.965947	1 KCTD3	K04613
ENSG00000114646	-0.069479	2.074961	0.965974	1 CSPG5	K08116
ENSG00000155097	-0.028786	7.294938	0.965979	1 ATP6V1C1	K02148
ENSG00000105738	0.030821	4.458425	0.965989	1 SIPA1L3	K17703
ENSG00000058799	0.031395	5.14536	0.966	1 YIPF1	-
ENSG00000065054	0.028033	5.607007	0.966005	1 SLC9A3R2	K13358
ENSG00000159840	0.028327	7.642706	0.966203	1 ZYX	K06273
ENSG00000153443	0.03096	5.477143	0.966221	1 UBALD1	-
ENSG00000109089	0.028376	6.066982	0.966254	1 CDR2L	-
ENSG00000010322	-0.029974	5.484023	0.96635	1 NISCH	K18047
ENSG00000100413	-0.029974	5.484023	0.96635	1 POLR3H	K03022
ENSG00000092841	-0.027789	9.238746	0.966364	1 MYL6	K12751
ENSG00000099968	-0.029041	6.254876	0.966391	1 BCL2L13	K15485
ENSG00000181163	0.027569	11.0805	0.966412	1 NPM1	K11276
ENSG00000166794	-0.027847	8.730685	0.966416	1 PPIB	K03768
ENSG00000158669	-0.030641	5.62575	0.966418	1 AGPAT6	K13506
ENSG00000125630	-0.028966	6.074688	0.966426	1 POLR1B	K03002
ENSG00000137947	0.029749	6.076766	0.966468	1 GTF2B	K03124
ENSG00000198258	-0.028853	6.642304	0.96654	1 UBL5	K13113
ENSG00000134247	-0.028819	6.624193	0.966603	1 PTGFRN	K06729
ENSG00000011275	-0.030049	5.875474	0.966618	1 RNF216	K11976

ENSG00000196466	0.060098	2.090001	0.966621	1 ZNF799	K09228
ENSG00000230629	0.060098	2.090001	0.966621	1 RPS23P8	K02973
ENSG00000161914	0.038778	2.101189	0.966621	1 ZNF653	-
ENSG00000235859	0.038778	2.101189	0.966621	1 AC006978.6	K03066
ENSG00000168476	-0.031856	5.637248	0.966706	1 REEP4	K17338
ENSG00000169855	0.028526	6.087768	0.966722	1 ROBO1	K06753
ENSG00000157978	0.029116	5.176018	0.966723	1 LDLRAP1	K12474
ENSG00000181885	0.038843	3.745264	0.966748	1 CLDN7	K06087
ENSG00000108424	-0.027601	8.580592	0.966761	1 KPNB1	K14293
ENSG00000163605	-0.028816	5.99236	0.96683	1 PPP4R2	K15425
ENSG00000132388	0.028415	6.656058	0.966868	1 UBE2G1	K10575
ENSG00000147457	-0.030755	5.508311	0.966919	1 CHMP7	K15053
ENSG00000131469	-0.027291	9.423976	0.966936	1 RPL27	K02901
ENSG00000180530	-0.02891	5.185781	0.966957	1 NRIP1	K17965
ENSG00000129315	0.028274	6.636792	0.96706	1 CCNT1	K15188
ENSG00000153201	0.027659	7.42874	0.967142	1 RANBP2	K12172
ENSG00000265681	0.027938	6.008227	0.967183	1 RPL17	K02880
ENSG00000132361	-0.027613	7.610462	0.967187	1 CLUH	K03255
ENSG00000163541	0.02786	6.902899	0.967299	1 SUCLG1	K01899
ENSG00000177556	-0.029194	5.796415	0.967454	1 ATOX1	K07213
ENSG00000177406	0.038828	3.175123	0.967496	1 RP11-218M22.1	-
ENSG00000160570	0.032491	4.791825	0.967526	1 DEDD2	-
ENSG00000082515	0.031272	5.535048	0.967528	1 MRPL22	K02890
ENSG00000243678	-0.026921	8.273638	0.967698	1 NME1-NME2	K00940
ENSG00000157625	0.027884	5.809056	0.967751	1 TAB3	K12793
ENSG00000107566	-0.027729	6.703334	0.967832	1 ERLIN1	-
ENSG00000183250	-0.06334	2.155698	0.967844	1 C21orf67	-
ENSG00000136247	-0.031738	5.226175	0.967861	1 ZDHHC4	K18932
ENSG00000244005	-0.027884	6.525788	0.967865	1 NFS1	K04487
ENSG00000174306	0.032574	4.810702	0.96792	1 ZHX3	-
ENSG00000218336	0.027126	5.229609	0.967934	1 TENM3	-
ENSG00000129925	0.028201	6.043234	0.967992	1 TMEM8A	-
ENSG00000165458	-0.026747	7.974258	0.968042	1 INPPL1	K15909
ENSG00000122515	-0.028007	6.149487	0.968126	1 ZMIZ2	-
ENSG00000155229	-0.02752	6.594103	0.968219	1 MMS19	K15075
ENSG00000064545	0.02753	6.413671	0.968228	1 TMEM161A	-
ENSG00000115839	-0.028393	5.709421	0.968337	1 RAB3GAP1	K18270
ENSG00000127804	-0.030311	5.838402	0.968378	1 METTL16	-
ENSG00000114982	0.027783	5.57424	0.968402	1 KANSL3	K16719
ENSG00000185519	-0.060525	2.194439	0.968423	1 FAM131C	-
ENSG00000103671	0.031403	4.566032	0.968426	1 TRIP4	K09228
ENSG00000196182	0.029519	4.243712	0.968466	1 STK40	K16312
ENSG00000047315	0.026696	7.098646	0.968548	1 POLR2B	K03010
ENSG00000129128	-0.028068	6.174594	0.968655	1 SPCS3	K12948
ENSG00000102316	-0.026599	6.9317	0.968959	1 MAGED2	-
ENSG00000129103	-0.026098	7.672614	0.968993	1 SUMF2	K10408
ENSG00000128923	-0.030436	4.597505	0.969091	1 FAM63B	K12581
ENSG00000100603	-0.026796	6.590015	0.969103	1 SNW1	K06063
ENSG00000143393	0.026729	6.440682	0.969166	1 PI4KB	K00888
ENSG00000119397	-0.045143	3.257132	0.969202	1 CNTRL	K16770
ENSG00000166484	0.038845	3.858452	0.969263	1 MAPK7	K04464
ENSG00000132003	-0.030505	5.100164	0.969324	1 ZSWIM4	-
ENSG00000168434	0.034325	4.287006	0.969424	1 COG7	-
ENSG00000168010	-0.03386	3.871395	0.96944	1 ATG16L2	K17890
ENSG00000111203	0.029622	3.273837	0.969469	1 ITFG2	-
ENSG00000150477	0.057854	2.246098	0.969519	1 KIAA1328	K12581
ENSG00000101161	0.02606	6.777765	0.969604	1 PRPF6	K12855
ENSG00000198894	0.032801	3.873567	0.969616	1 CIPC	-

ENSG00000100823	-0.025723	7.385328	0.969638	1 APEX1	K10771
ENSG00000160094	0.038832	3.28719	0.969732	1 ZNF362	-
ENSG00000141034	-0.032002	5.121738	0.969775	1 GID4	K01368
ENSG00000109184	-0.029787	5.487936	0.9698	1 DCUN1D4	K17824
ENSG00000161981	-0.026944	5.910165	0.969908	1 SNRNP25	K13153
ENSG00000117139	0.024862	6.23478	0.969938	1 KDM5B	K11446
ENSG00000037897	-0.03237	4.312031	0.969945	1 METTL1	K03439
ENSG00000112031	0.029979	4.315956	0.969945	1 MTRF1L	K02835
ENSG00000108861	-0.02622	6.4774	0.96995	1 DUSP3	K17614
ENSG00000153885	-0.026033	5.64866	0.969963	1 KCTD15	-
ENSG00000140534	0.027878	5.324607	0.969982	1 TICRR	-
ENSG00000071537	0.027184	5.498645	0.970028	1 SEL1L	K14026
ENSG00000141858	0.026784	6.03322	0.970064	1 SAMD1	-
ENSG00000102471	-0.025618	7.015433	0.970072	1 NDFIP2	-
ENSG00000197136	-0.025861	6.688537	0.970119	1 PCNXL3	-
ENSG00000119689	-0.025715	6.672721	0.970315	1 DLST	K00658
ENSG00000125447	-0.027828	4.926472	0.970349	1 GGA3	K12404
ENSG00000112992	-0.032353	3.324092	0.970492	1 NNT	K00323
ENSG00000105372	0.057365	2.282619	0.970542	1 RPS19	K02966
ENSG00000104695	0.025233	6.77496	0.970612	1 PPP2CB	K04382
ENSG00000167112	-0.026321	5.680644	0.970614	1 TRUB2	-
ENSG00000117280	-0.026012	5.687468	0.970761	1 RAB7L1	K07916
ENSG00000115266	0.033045	3.932204	0.970791	1 APC2	K02085
ENSG00000165476	0.025531	6.30525	0.970796	1 REEP3	K17338
ENSG00000105464	0.034542	4.357168	0.970816	1 GRIN2D	K05212
ENSG00000129691	-0.029559	4.950785	0.97084	1 ASH2L	K14964
ENSG00000131795	-0.070604	2.314337	0.971028	1 RBM8A	K12876
ENSG00000171840	-0.070604	2.314337	0.971028	1 NINJ2	-
ENSG00000157837	-0.026758	5.378349	0.971031	1 SPPL3	K09598
ENSG00000135341	0.027639	5.555709	0.971172	1 MAP3K7	K04427
ENSG00000170325	-0.030638	3.358671	0.971216	1 PRDM10	-
ENSG00000102302	-0.029018	4.380976	0.971292	1 FGD1	K05720
ENSG00000168411	0.024849	6.55471	0.971312	1 RFWD3	K15691
ENSG00000214026	0.027697	5.56315	0.971329	1 MRPL23	K02892
ENSG00000085449	-0.024425	5.563135	0.971329	1 WDFY1	-
ENSG00000132359	0.024813	6.550973	0.971361	1 RAP1GAP2	K17708
ENSG00000183597	0.030396	4.384755	0.971408	1 TANGO2	-
ENSG00000128708	0.0245	6.859729	0.971423	1 HAT1	K11303
ENSG00000008988	-0.023565	9.766823	0.971426	1 RPS20	K02969
ENSG00000123154	0.038834	3.374358	0.971449	1 WDR83	K13124
ENSG00000065154	-0.025911	5.571458	0.971483	1 OAT	K00819
ENSG00000086232	-0.023884	8.030868	0.971502	1 EIF2AK1	K16194
ENSG00000170581	-0.025463	5.208486	0.971519	1 STAT2	K11221
ENSG00000172432	-0.024832	6.530075	0.971564	1 GTPBP2	-
ENSG00000131495	0.025856	6.215434	0.97157	1 NDUFA2	K03946
ENSG00000181929	0.024498	6.699315	0.971582	1 PRKAG1	K07200
ENSG00000198862	0.025321	5.868818	0.971628	1 LTN1	-
ENSG00000172175	0.024696	6.439665	0.971636	1 MALT1	K07369
ENSG00000183283	-0.023845	7.824855	0.971651	1 DAZAP2	-
ENSG00000167123	-0.024578	6.698287	0.971666	1 CERCAM	-
ENSG00000125686	-0.02712	5.873984	0.97171	1 MED1	K15144
ENSG00000185591	0.024396	6.689149	0.971716	1 SP1	K04684
ENSG00000086589	-0.024158	6.004031	0.971794	1 RBM22	K12872
ENSG00000095574	0.03327	3.98855	0.971879	1 IKZF5	K09220
ENSG00000160285	0.025039	6.127826	0.971934	1 LSS	K01852
ENSG00000099625	-0.027708	3.997482	0.972028	1 C19orf26	-
ENSG00000137106	0.02379	7.126837	0.972061	1 GRHPR	K00049
ENSG00000167272	-0.026267	5.755607	0.972103	1 POP5	K03537

ENSG00000104368	-0.036381	3.413309	0.972127	1 PLAT	K01343
ENSG00000172869	0.024881	5.240095	0.972162	1 DMXL1	-
ENSG00000197223	0.026547	4.428213	0.972198	1 C1D	K12592
ENSG00000229132	-0.032569	4.011198	0.972321	1 EIF4A1P10	K03257
ENSG00000114631	-0.023411	7.47261	0.972393	1 PODXL2	K06818
ENSG00000014641	-0.023036	8.367597	0.972397	1 MDH1	K00025
ENSG00000001167	0.029146	4.767889	0.972471	1 NFYA	K08064
ENSG00000127838	0.02506	5.258544	0.972473	1 PNKD	-
ENSG00000132153	0.023604	6.846446	0.972525	1 DHX30	K13185
ENSG00000241685	-0.023714	6.864058	0.972536	1 ARPC1A	K05757
ENSG00000148303	-0.031497	4.03278	0.972608	1 RPL7A	K02936
ENSG00000131051	-0.022883	8.301448	0.972609	1 RBM39	K13091
ENSG00000151498	0.028048	4.03483	0.972749	1 ACAD8	K11538
ENSG00000102606	0.026514	5.639925	0.972804	1 ARHGEF7	K13710
ENSG00000160284	-0.046428	2.407357	0.97282	1 SPATC1L	-
ENSG00000213118	-0.046428	2.407357	0.97282	1 CHCHD2P4	K00901
ENSG00000183048	-0.026864	5.280205	0.972896	1 SLC25A10	K13577
ENSG00000165280	-0.022509	8.655175	0.972945	1 VCP	K13525
ENSG00000136731	0.023273	6.815627	0.972955	1 UGGT1	K11718
ENSG00000159110	-0.024314	5.065214	0.973068	1 IFNAR2	K05131
ENSG00000167323	0.023187	6.072195	0.973087	1 STIM1	K16059
ENSG00000119669	-0.025951	5.485981	0.973129	1 IRF2BPL	-
ENSG00000111911	-0.029208	5.073062	0.973205	1 HINT3	K12581
ENSG00000132661	-0.027207	4.809367	0.973224	1 NXT1	K14285
ENSG00000148297	0.038798	2.428882	0.973234	1 MED22	K15139
ENSG00000198468	0.038798	2.428882	0.973234	1 FLVCR1-AS1	-
ENSG00000129083	0.022172	8.93276	0.973242	1 COPB1	K17301
ENSG0000013810	-0.022951	7.045631	0.973288	1 TACC3	K14283
ENSG00000198887	0.025029	5.668663	0.973352	1 SMC5	-
ENSG00000163812	0.023308	5.669524	0.973352	1 ZDHHC3	K18932
ENSG00000136504	-0.02347	5.305926	0.973364	1 KAT7	K11307
ENSG00000104231	-0.023186	6.671441	0.973389	1 ZFAND1	K07059
ENSG00000135093	-0.033047	3.47765	0.973391	1 USP30	K11851
ENSG00000179912	-0.029447	4.075001	0.973434	1 R3HDM2	-
ENSG00000108591	-0.024794	5.676364	0.973486	1 DRG2	K06944
ENSG00000175643	-0.026353	4.82801	0.973546	1 RMI2	K15365
ENSG00000122482	0.023502	6.216608	0.973615	1 ZNF644	-
ENSG00000112715	-0.022371	7.390058	0.973716	1 VEGFA	K05448
ENSG00000119929	0.023572	5.982782	0.973777	1 CUTC	K06201
ENSG00000168101	0.028513	4.097659	0.973829	1 NUDT16L1	K16867
ENSG00000185963	-0.023528	5.986849	0.973848	1 BICD2	K18739
ENSG00000154518	-0.022052	7.676713	0.973918	1 ATP5G3	K02128
ENSG00000130479	-0.025403	5.701019	0.973922	1 MAP1S	K10429
ENSG00000155366	0.022087	7.43151	0.973924	1 RHOC	K17504
ENSG00000104691	-0.022953	4.103278	0.973958	1 UBXN8	-
ENSG00000162065	-0.022953	4.103278	0.973958	1 TBC1D24	-
ENSG00000169504	0.021832	7.919608	0.973978	1 CLIC4	K05024
ENSG00000154305	-0.022872	6.237563	0.974004	1 MIA3	-
ENSG00000187824	-0.058316	2.48033	0.974025	1 TMEM220	-
ENSG00000147862	0.02376	5.542594	0.974163	1 NFIB	K09169
ENSG00000122863	0.023847	6.249264	0.974209	1 CHST3	K01020
ENSG00000142655	-0.027513	4.116023	0.974212	1 PEX14	K02310
ENSG00000166002	0.027456	4.538009	0.974231	1 SMCO4	-
ENSG00000120705	-0.021516	8.327216	0.974266	1 ETF1	K03265
ENSG00000170917	0.038801	2.492601	0.974404	1 NUDT6	-
ENSG00000167380	-0.029996	3.539249	0.974544	1 ZNF226	K09228
ENSG00000147416	0.026438	5.147845	0.974559	1 ATP6V1B2	K02147
ENSG00000135334	-0.023262	5.147931	0.974559	1 AKIRIN2	-

ENSG00000111647	-0.031499	4.138644	0.974584	1 UHRF1BP1L	-
ENSG00000160201	-0.021715	7.290216	0.974588	1 U2AF1	K12836
ENSG00000130734	-0.028578	4.558947	0.974602	1 ATG4D	K08342
ENSG00000181090	-0.023153	5.896249	0.974669	1 EHMT1	K11420
ENSG00000135018	0.021316	7.781507	0.97467	1 UBQLN1	K04523
ENSG00000103174	-0.02823	4.566367	0.974693	1 NAGPA	K01125
ENSG00000160447	0.022633	5.897057	0.974706	1 PKN3	K06071
ENSG00000163281	-0.024257	4.571887	0.974784	1 GNPDA2	K02564
ENSG00000138757	-0.021519	7.212518	0.974888	1 G3BP2	-
ENSG00000075415	0.020664	9.643682	0.974959	1 SLC25A3	K15102
ENSG00000115073	0.024158	4.905975	0.974973	1 ACTR1B	K16575
ENSG00000110057	0.02214	5.396138	0.974985	1 UNC93B1	-
ENSG00000182022	0.023902	3.571937	0.975085	1 CHST15	K08106
ENSG00000171311	-0.023586	5.402394	0.975086	1 EXOSC1	K07573
ENSG00000134452	0.021897	6.372426	0.975118	1 FBXO18	K10300
ENSG00000253368	-0.05414	2.541743	0.975128	1 TRNP1	-
ENSG00000081019	0.024215	4.591765	0.97514	1 RSBN1	-
ENSG00000131143	-0.020736	8.230525	0.975253	1 COX4I1	K02263
ENSG00000096654	-0.027873	3.583785	0.97526	1 ZNF184	K09228
ENSG00000167394	0.024212	4.179855	0.975297	1 ZNF668	-
ENSG00000167526	-0.020262	10.59691	0.97537	1 RPL13	K02873
ENSG00000182117	-0.021426	6.809597	0.975374	1 NOP10	K11130
ENSG00000099800	-0.021537	6.562924	0.975525	1 TIMM13	K17781
ENSG00000148331	0.024509	4.940665	0.975529	1 ASB6	K10328
ENSG00000176454	-0.021666	6.210582	0.975545	1 LPCAT4	K13512
ENSG00000165138	0.02321	5.949101	0.975582	1 ANKS6	-
ENSG00000144677	0.022242	5.213156	0.975671	1 CTDSPL	K15731
ENSG00000105429	0.024622	4.952045	0.975732	1 MEGF8	-
ENSG00000121903	0.038805	2.583197	0.975812	1 ZSCAN20	K09230
ENSG00000149257	-0.019983	9.157273	0.975899	1 SERPINH1	K09501
ENSG00000094916	0.020323	7.528288	0.976013	1 CBX5	K11587
ENSG00000130749	0.024787	4.648824	0.976068	1 ZC3H4	-
ENSG00000123562	-0.019816	9.213165	0.976092	1 MORF4L2	K11342
ENSG00000170653	0.024898	4.980109	0.976191	1 ATF7	K09045
ENSG00000127774	0.021376	4.657556	0.97623	1 EMC6	-
ENSG00000162885	-0.031045	4.246534	0.9764	1 B3GALNT2	K09654
ENSG00000203644	-0.048509	2.629236	0.97646	1 AC083799.1	-
ENSG00000065911	-0.019532	8.457808	0.976638	1 MTHFD2	K13403
ENSG00000145868	-0.022619	5.273414	0.976639	1 FBXO38	K10313
ENSG00000114978	-0.02002	7.220192	0.976705	1 MOB1A	K06685
ENSG00000008128	-0.032864	2.649857	0.976771	1 CDK11A	K08818
ENSG00000172345	-0.032864	2.649857	0.976771	1 STARD5	K10373
ENSG00000122390	0.024477	2.64805	0.976771	1 NAA60	-
ENSG00000213145	0.024477	2.64805	0.976771	1 CRIP1	-
ENSG00000116514	0.025188	4.690185	0.976778	1 RNF19B	K11973
ENSG00000158480	-0.023393	3.682655	0.976883	1 SPATA2	K17595
ENSG00000111371	0.019152	8.999219	0.976911	1 SLC38A1	K14990
ENSG00000130741	-0.018983	9.580846	0.977044	1 EIF2S3	K03242
ENSG00000158163	0.038809	2.668441	0.977074	1 DZIP1L	K16470
ENSG00000167578	0.038809	2.668441	0.977074	1 RAB4B	K07880
ENSG00000116096	0.022533	5.888198	0.977087	1 SPR	K00072
ENSG00000167393	-0.023663	5.301485	0.977094	1 PPP2R3B	K11583
ENSG00000065361	-0.029491	3.699719	0.977183	1 ERBB3	K05084
ENSG00000145860	-0.020092	6.619772	0.97721	1 RNF145	-
ENSG00000115649	-0.024046	4.298658	0.977214	1 CNPPD1	-
ENSG00000168066	0.019613	6.774538	0.977444	1 SF1	K13095
ENSG00000136861	-0.020103	6.40837	0.977471	1 CDK5RAP2	K16542
ENSG00000204084	-0.023272	4.316369	0.977505	1 INPP5B	K01099

ENSG00000230409	-0.019252	5.552897	0.977536	1 TCEA1P2	K03145
ENSG00000126067	0.019084	7.435048	0.977578	1 PSMB2	K02734
ENSG00000177732	-0.020933	5.55756	0.977617	1 SOX12	K09268
ENSG00000247572	-0.030121	2.704624	0.977656	1 CKMT2-AS1	-
ENSG00000185513	0.025027	2.702945	0.977656	1 L3MBTL1	-
ENSG00000141428	0.021268	4.329175	0.977694	1 C18orf21	-
ENSG00000043143	0.021556	5.929802	0.97773	1 JADE2	K11347
ENSG00000229944	0.025724	4.335673	0.977788	1 AC004797.1	K03259
ENSG00000104738	0.018522	8.534777	0.977793	1 MCM4	K02212
ENSG00000070018	-0.019357	5.765322	0.977821	1 LRP6	K03068
ENSG00000123485	0.020235	5.939123	0.977885	1 HJURP	-
ENSG00000011114	-0.026995	3.752698	0.977899	1 BTBD7	K10479
ENSG00000253716	0.025678	3.751973	0.977899	1 RP13-582O9.5	-
ENSG00000243701	0.038812	2.722596	0.977937	1 LINC00883	-
ENSG00000158856	0.026029	3.790513	0.978571	1 DMTN	-
ENSG00000129195	0.022188	5.400298	0.978622	1 FAM64A	-
ENSG00000157617	0.021379	5.140412	0.978669	1 C2CD2	-
ENSG00000145982	-0.021034	5.14173	0.978721	1 FARS2	K01889
ENSG00000184900	0.018448	6.911994	0.978735	1 SUMO3	K12160
ENSG00000101966	-0.020525	4.818695	0.978739	1 XIAP	K04725
ENSG00000178028	0.021253	5.642558	0.978882	1 DMAP1	K11324
ENSG00000103549	0.020412	5.837705	0.978916	1 RNF40	K10696
ENSG00000125652	-0.022837	5.157791	0.978925	1 ALKBH7	K10769
ENSG00000217930	-0.023047	4.832622	0.97893	1 PAM16	K17805
ENSG00000197006	0.019241	6.163128	0.978938	1 METTL9	-
ENSG00000148339	-0.027457	4.414252	0.978939	1 SLC25A25	K14684
ENSG00000148343	0.022279	4.41391	0.978939	1 FAM73B	-
ENSG00000155827	-0.020894	5.843006	0.978979	1 RNF20	K10696
ENSG00000171408	0.038815	2.800198	0.978991	1 PDE7B	K18436
ENSG00000102871	-0.023575	3.828693	0.97908	1 TRADD	K03171
ENSG00000138867	0.019373	6.172888	0.979088	1 GUCD1	-
ENSG00000138814	-0.022153	5.657377	0.979097	1 PPP3CA	K04348
ENSG00000188938	-0.019816	5.171236	0.979124	1 FAM120AOS	-
ENSG00000103145	-0.020301	5.659983	0.979132	1 HCFC1R1	-
ENSG00000008018	-0.017586	8.112233	0.979141	1 PSMB1	K02732
ENSG00000077549	0.01783	6.968418	0.979439	1 CAPZB	K10365
ENSG00000099260	0.020794	4.871941	0.979482	1 PALMD	K16519
ENSG00000168028	0.016896	10.16209	0.979499	1 RPSA	K02998
ENSG00000142632	-0.021241	4.875076	0.979542	1 ARHGEF19	-
ENSG00000088876	-0.027382	3.880276	0.9798	1 ZNF343	K09228
ENSG00000198712	-0.016519	13.01993	0.979848	1 MT-CO2	K02261
ENSG00000122741	0.018322	5.905124	0.979879	1 DCAF10	K11802
ENSG00000117616	-0.020016	5.224988	0.979887	1 C1orf63	K09654
ENSG00000165895	0.020936	3.891554	0.979915	1 ARHGAP42	-
ENSG00000112576	0.018074	6.079986	0.979928	1 CCND3	K10152
ENSG00000030066	-0.016999	7.946316	0.979932	1 NUP160	K14303
ENSG00000143793	-0.022123	5.230841	0.979978	1 C1orf35	-
ENSG00000141582	-0.017858	6.538142	0.980026	1 CBX4	K11452
ENSG00000105176	-0.017356	6.98325	0.980151	1 URI1	K17560
ENSG00000137563	0.017241	6.928646	0.980189	1 GGH	K01307
ENSG00000065357	-0.025763	3.915557	0.980252	1 DGKA	K00901
ENSG00000103037	-0.021905	4.929335	0.980286	1 SETD6	K05302
ENSG00000113240	0.027172	3.923627	0.980363	1 CLK4	K08823
ENSG00000171530	0.016742	7.511782	0.980383	1 TBCA	K17292
ENSG00000177576	0.026863	2.903768	0.980395	1 C18orf32	-
ENSG00000162591	0.018729	4.937823	0.980395	1 MEGF6	-
ENSG00000180901	0.018729	4.937823	0.980395	1 KCTD2	K02138
ENSG00000160408	0.019602	4.519051	0.980421	1 ST6GALNAC6	K03376

ENSG00000152700	-0.020172	5.530302	0.980442	1 SAR1B	K07953
ENSG00000100099	0.021656	4.942101	0.98045	1 HPS4	-
ENSG00000139644	0.016086	9.910783	0.980513	1 TMBIM6	-
ENSG00000158717	0.018888	4.949225	0.980558	1 RNF166	K17044
ENSG00000184432	-0.016263	8.659123	0.98056	1 COPB2	K17302
ENSG00000262001	-0.024727	3.938608	0.980579	1 DLGAP1-AS2	-
ENSG00000171824	-0.017584	6.366473	0.980589	1 EXOSC10	K12591
ENSG00000169131	0.03882	2.920926	0.980611	1 ZNF354A	K09228
ENSG00000146457	-0.017312	6.575868	0.980642	1 WTAP	-
ENSG00000111707	-0.019403	5.549156	0.980692	1 SUDS3	K19201
ENSG00000196935	-0.021872	4.540183	0.980707	1 SRGAP1	K07526
ENSG00000167930	-0.017171	6.14146	0.980757	1 ITFG3	K17258
ENSG00000109332	-0.016315	7.917407	0.980779	1 UBE2D3	K06689
ENSG00000071564	-0.016549	7.350328	0.980831	1 TCF3	K09063
ENSG00000019995	0.016551	5.786175	0.980879	1 ZRANB1	K11862
ENSG00000183309	0.0165	5.299222	0.98089	1 ZNF623	K09228
ENSG00000235954	-0.023724	3.961296	0.980895	1 TTC28-AS1	-
ENSG00000128891	0.027248	2.949893	0.981029	1 C15orf57	-
ENSG00000107771	-0.016974	4.568154	0.981053	1 CCSER2	K12022
ENSG00000177508	0.019575	4.999448	0.981231	1 IRX3	-
ENSG00000171135	0.017211	6.191006	0.981411	1 JAGN1	K05168
ENSG00000230897	0.016018	6.191603	0.981411	1 RPS18P12	K02964
ENSG00000133794	0.019865	5.021221	0.981477	1 ARNTL	K02296
ENSG00000008838	0.017319	6.198192	0.981497	1 MED24	K15167
ENSG00000099622	0.016002	6.030517	0.981539	1 CIRBP	K13195
ENSG00000100154	0.020762	4.608061	0.981581	1 TTC28	-
ENSG00000158691	0.022433	4.016037	0.981594	1 ZSCAN12	K09230
ENSG00000184588	0.022433	4.016037	0.981594	1 PDE4B	K13293
ENSG00000105662	0.027609	2.99459	0.981624	1 CRTC1	K15309
ENSG00000261061	0.027609	2.99459	0.981624	1 RP11-303E16.2	-
ENSG00000157350	-0.018835	4.613654	0.981645	1 ST3GAL2	K03368
ENSG00000014164	-0.016866	5.360309	0.981685	1 ZC3H3	-
ENSG00000138663	0.016537	6.298554	0.981721	1 COPS4	K12178
ENSG00000127603	0.015788	7.13712	0.98179	1 MACF1	-
ENSG00000121864	0.017675	5.860527	0.981836	1 ZNF639	K12581
ENSG00000175061	0.015059	9.031318	0.981898	1 FAM211A-AS1	-
ENSG00000007541	-0.017159	6.234669	0.98196	1 PIGQ	K03860
ENSG00000166887	-0.019015	5.648664	0.981976	1 VPS39	K09228
ENSG00000196510	-0.015929	6.81001	0.982058	1 ANAPC7	K03354
ENSG00000085999	0.016177	5.655664	0.982067	1 RAD54L	K10875
ENSG00000163655	-0.015263	7.86721	0.982086	1 GMPS	K01951
ENSG00000138375	0.017882	5.070352	0.982089	1 SMARCAL1	K02159
ENSG00000108389	0.018033	5.080757	0.982225	1 MTMR4	K18082
ENSG00000198001	-0.024307	4.072345	0.982243	1 IRAK4	K04733
ENSG00000140006	0.023033	4.069255	0.982243	1 WDR89	K00757
ENSG00000124571	0.015589	6.822588	0.982292	1 XPO5	K14289
ENSG00000125651	0.015954	6.398638	0.982302	1 GTF2F1	K03138
ENSG00000131115	0.028111	3.059144	0.98236	1 ZNF227	K09228
ENSG00000133026	0.028111	3.059144	0.98236	1 MYH10	K10352
ENSG00000168904	0.028111	3.059144	0.98236	1 LRRC28	-
ENSG00000185761	-0.020436	5.095021	0.982402	1 ADAMTSL5	K15686
ENSG00000096080	0.014966	5.687501	0.982454	1 MRPS18A	K02963
ENSG00000135766	-0.015874	6.464084	0.982531	1 EGLN1	K09592
ENSG00000254166	0.038825	3.07459	0.982535	1 CASC19	-
ENSG00000110011	-0.035631	3.071142	0.982535	1 DNAJC4	K09524
ENSG00000101132	-0.01634	5.919631	0.982556	1 PFDN4	K09550
ENSG00000138802	0.016564	5.440245	0.982658	1 SEC24B	K14007
ENSG00000174197	-0.017313	5.931892	0.982702	1 MGA	-

ENSG00000115268	0.014178	10.00887	0.982831	1 RPS15	K02958
ENSG00000139725	-0.018099	4.718976	0.982893	1 RHOF	K07872
ENSG00000130589	0.018781	4.720475	0.982948	1 HELZ2	-
ENSG00000124209	0.016934	5.464287	0.98296	1 RAB22A	K07891
ENSG00000110047	0.015733	5.73439	0.983018	1 EHD1	K12483
ENSG00000138639	0.02857	3.120933	0.98304	1 ARHGAP24	-
ENSG00000051523	0.01439	7.86455	0.98307	1 CYBA	K08009
ENSG00000128789	-0.015448	5.740114	0.983072	1 PSMG2	K11876
ENSG00000120868	-0.021236	4.143518	0.983095	1 APAF1	K02084
ENSG00000164011	0.023908	4.150522	0.983176	1 ZNF691	-
ENSG00000112759	-0.015159	6.584126	0.983248	1 SLC29A1	K15014
ENSG00000220205	-0.025685	4.155913	0.983256	1 VAMP2	K13504
ENSG00000130489	-0.015016	5.168792	0.983279	1 SCO2	K07152
ENSG00000140497	-0.015867	5.492814	0.983283	1 SCAMP2	-
ENSG00000108829	0.014032	8.464723	0.983289	1 LRRC59	-
ENSG00000183864	0.016631	5.983463	0.983311	1 TOB2	K14443
ENSG00000147324	0.019325	4.759858	0.983377	1 MFHAS1	-
ENSG00000135241	0.019413	4.766318	0.983481	1 PNPLA8	K16815
ENSG00000154114	0.028855	3.160704	0.983517	1 TBCEL	K18273
ENSG00000141404	-0.019223	4.772908	0.983532	1 GNAL	K04633
ENSG00000105298	0.017173	5.191723	0.983552	1 CACTIN	K17985
ENSG00000257267	-0.019612	4.182667	0.983568	1 ZNF271	K09230
ENSG00000135414	-0.015812	4.777699	0.983583	1 GDF11	K05497
ENSG00000163975	0.015847	5.519831	0.983595	1 MFI2	K06569
ENSG00000131148	0.015908	5.523649	0.983625	1 EMC8	-
ENSG00000182670	0.014169	7.222114	0.983699	1 TTC3	K15712
ENSG00000154640	-0.015573	6.214737	0.983733	1 BTG3	K14443
ENSG00000147548	-0.016387	6.027765	0.983815	1 WHSC1L1	K11425
ENSG00000156603	-0.020783	4.812467	0.983981	1 MED19	K15137
ENSG00000167985	-0.017459	4.817129	0.98403	1 SDHAF2	K18168
ENSG00000075420	-0.014278	6.747314	0.984132	1 FNDC3B	-
ENSG00000124614	-0.013445	8.222073	0.984144	1 RPS10	K02947
ENSG00000153989	-0.014062	6.93999	0.984198	1 NUS1	K19177
ENSG00000178234	-0.016618	5.251703	0.984215	1 GALNT11	K00710
ENSG00000107625	-0.014763	5.843015	0.984233	1 DDX50	K13183
ENSG00000109572	0.017264	4.837085	0.984267	1 CLCN3	K05012
ENSG00000006194	-0.016149	5.846828	0.98428	1 ZNF263	K09229
ENSG00000158122	0.015632	4.250757	0.9843	1 AAED1	-
ENSG00000105397	-0.015769	6.078615	0.984368	1 TYK2	K11219
ENSG00000068654	0.014571	5.855987	0.984373	1 POLR1A	K02999
ENSG00000073712	-0.013786	7.059874	0.984426	1 FERMT2	K17083
ENSG00000244038	-0.014107	6.636639	0.984463	1 DDOST	K12670
ENSG00000204673	-0.014314	6.396985	0.984517	1 AKT1S1	K16184
ENSG00000120158	-0.01557	4.866062	0.984543	1 RCL1	K11222
ENSG00000163781	-0.013966	6.687731	0.984577	1 TOPBP1	K10728
ENSG00000000419	0.013913	6.516378	0.984641	1 DPM1	K00721
ENSG00000184677	0.025227	4.282578	0.984643	1 ZBTB40	K10512
ENSG00000215717	0.013494	5.88076	0.984646	1 TMEM167B	-
ENSG00000168005	-0.015117	4.878041	0.984678	1 C11orf84	-
ENSG00000206418	0.016548	5.885224	0.98469	1 RAB12	K07907
ENSG00000221869	-0.013925	6.592789	0.984737	1 CEBPD	K10050
ENSG00000113161	0.013867	6.457209	0.984766	1 HMGCR	K00021
ENSG00000198556	0.020472	3.278551	0.984798	1 ZNF789	K11447
ENSG00000262580	0.020472	3.278551	0.984798	1 RP11-334C17.5	-
ENSG00000109171	0.016774	5.316934	0.984892	1 SLAIN2	K16580
ENSG00000137713	-0.013339	5.659988	0.985094	1 PPP2R1B	K03456
ENSG00000132716	-0.01466	5.671218	0.985219	1 DCAF8	K11804
ENSG00000256663	0.021374	4.337876	0.985222	1 RP11-424C20.2	K10638

ENSG00000061987	0.014738	5.673819	0.985243	1 MON2	-
ENSG00000093183	0.015784	4.933532	0.985275	1 SEC22C	K08520
ENSG00000100280	0.012964	6.970847	0.985355	1 AP1B1	K12392
ENSG00000147316	-0.02106	4.368234	0.985526	1 MCPH1	K19403
ENSG00000159884	0.021363	3.349093	0.985547	1 CCDC107	-
ENSG00000105443	0.016325	4.967571	0.985596	1 CYTH2	K18441
ENSG00000186575	-0.014938	5.709433	0.985605	1 NF2	K16684
ENSG00000197969	-0.012237	5.992392	0.985781	1 VPS13A	K19525
ENSG00000165097	0.016181	5.415795	0.98589	1 KDM1B	K19413
ENSG00000166337	-0.013194	6.004053	0.985895	1 TAF10	K03134
ENSG00000188215	0.021977	3.399827	0.986006	1 DCUN1D3	K17823
ENSG00000152443	0.03048	3.412083	0.986117	1 ZNF776	K09228
ENSG00000076321	0.022172	3.416349	0.986117	1 KLHL20	K10457
ENSG00000168214	0.014649	5.767776	0.98617	1 RBPJ	K06053
ENSG00000112118	0.01166	8.389801	0.986203	1 MCM3	K02541
ENSG00000176155	0.014689	5.449308	0.986221	1 CCDC57	-
ENSG00000183648	-0.014761	5.038755	0.98627	1 NDUFB1	K03957
ENSG00000160087	0.013335	5.784581	0.98632	1 UBE2J2	K04554
ENSG00000088325	-0.011502	8.422886	0.98644	1 TPX2	K16812
ENSG00000104824	0.011748	7.47599	0.986487	1 HNRNPL	K13159
ENSG00000099203	-0.020334	4.484452	0.986625	1 TMED1	-
ENSG00000152133	-0.016463	4.482467	0.986625	1 GPATCH11	K12581
ENSG00000198924	-0.016162	4.490291	0.986675	1 DCLRE1A	-
ENSG00000071189	-0.015767	5.082124	0.986685	1 SNX13	K17925
ENSG00000163257	0.015451	5.082058	0.986685	1 DCAF16	K02927
ENSG00000147799	0.015406	4.49788	0.986725	1 ARHGAP39	-
ENSG00000077380	-0.012473	6.097958	0.986777	1 DYNC1I2	K10415
ENSG00000197857	0.023084	3.496238	0.986843	1 ZNF44	K09228
ENSG00000143179	-0.011635	7.289704	0.986859	1 UCK2	K00876
ENSG00000100299	-0.01461	5.112861	0.98698	1 ARSA	K01134
ENSG00000177971	0.012124	6.360169	0.987	1 IMP3	K12756
ENSG00000270170	-0.01175	5.1217	0.987044	1 NCBP2-AS2	-
ENSG00000136888	0.011274	7.424581	0.987094	1 ATP6V1G1	K02152
ENSG00000169635	0.023422	3.526996	0.987131	1 HIC2	-
ENSG00000180902	0.023422	3.526996	0.987131	1 D2HGDH	-
ENSG00000079999	-0.013538	5.876246	0.987158	1 KEAP1	K10456
ENSG00000138399	-0.017852	4.545803	0.987161	1 FASTKD1	-
ENSG00000108788	0.013598	5.886702	0.987251	1 MLX	K09113
ENSG00000166965	-0.011544	5.890365	0.987288	1 RCCD1	-
ENSG00000130560	0.011723	6.501925	0.987319	1 UBAC1	K12174
ENSG00000120725	-0.011068	6.173421	0.987452	1 SIL1	K14001
ENSG00000170385	0.010898	7.405045	0.987564	1 SLC30A1	K14688
ENSG00000103342	-0.010423	8.780303	0.98765	1 GSPT1	K03267
ENSG00000107404	-0.011312	6.807681	0.987674	1 DVL1	K02353
ENSG00000182149	-0.011298	6.76235	0.987738	1 IST1	K19476
ENSG00000100075	0.024205	3.601139	0.987757	1 SLC25A1	K15100
ENSG00000142208	0.011515	6.327773	0.98778	1 AKT1	K04456
ENSG00000254087	0.01214	5.96602	0.987932	1 LYN	K05854
ENSG00000186635	0.011348	6.31901	0.987994	1 ARAP1	K18439
ENSG00000177738	-0.025876	3.626989	0.988008	1 CTD-2201E18.3	-
ENSG00000141101	0.011442	6.002733	0.988238	1 NOB1	K11883
ENSG00000182541	0.017796	3.661403	0.988248	1 LIMK2	K05744
ENSG00000164244	-0.010923	6.701712	0.98826	1 PRRC1	K12581
ENSG00000111231	0.011584	5.689199	0.988322	1 GPN3	K06883
ENSG0000016864	-0.012802	6.014945	0.988331	1 GLT8D1	-
ENSG00000160710	0.009824	8.253441	0.988485	1 ADAR	K12968
ENSG00000172819	-0.010848	6.57635	0.988497	1 RARG	K08529
ENSG00000115596	-0.011399	5.714456	0.988512	1 WNT6	K00445

ENSG00000126215	-0.015061	4.710612	0.988539	1 XRCC3	K10880
ENSG00000106803	0.010756	6.399142	0.988614	1 SEC61B	K09481
ENSG00000130052	-0.015563	3.706253	0.988627	1 STARD8	-
ENSG00000156531	-0.010845	6.46559	0.988638	1 PHF6	-
ENSG00000230453	0.018586	3.715812	0.9887	1 ANKRD18B	K17299
ENSG00000171970	-0.021652	3.723042	0.988772	1 ZNF57	K09228
ENSG00000198858	0.011141	5.75321	0.988822	1 R3HDM4	-
ENSG00000187522	0.011588	6.08062	0.988848	1 HSPA14	-
ENSG00000177303	0.009392	4.751783	0.988865	1 CASKIN2	-
ENSG00000130584	-0.020006	3.76233	0.989051	1 ZBTB46	K10517
ENSG00000183723	0.011308	5.376218	0.989123	1 CMTM4	-
ENSG00000168397	0.010427	5.798829	0.989165	1 ATG4B	K08342
ENSG00000173611	0.019493	3.781061	0.989186	1 SCAI	-
ENSG00000198722	0.016792	4.806066	0.989272	1 UNC13B	K15293
ENSG00000166037	0.009602	7.170052	0.989295	1 CEP57	K16762
ENSG00000106299	-0.010538	6.153231	0.989399	1 WASL	K05747
ENSG00000078747	0.011765	6.156977	0.989424	1 ITCH	K05632
ENSG00000006125	-0.010206	6.455134	0.989429	1 AP2B1	K11825
ENSG00000103966	-0.012472	5.421956	0.98947	1 EHD4	K12477
ENSG00000123933	-0.012472	5.421956	0.98947	1 MXD4	K09114
ENSG00000131871	-0.0109	6.178274	0.989574	1 VIMP	K14025
ENSG00000179152	-0.013739	5.443279	0.989615	1 TCAIM	-
ENSG00000106344	-0.011009	5.862748	0.989628	1 RBM28	K14573
ENSG00000163013	0.010856	5.459312	0.989736	1 FBXO41	-
ENSG00000154237	0.020634	3.867721	0.989811	1 LRRK1	K08843
ENSG00000110700	-0.008657	8.492012	0.989888	1 RPS13	K02953
ENSG00000204253	0.008872	3.885779	0.989928	1 HNRNPCP2	K12884
ENSG00000154380	-0.008926	7.631941	0.989934	1 ENAH	K05746
ENSG00000100410	0.009725	6.292952	0.989999	1 PHF5A	K12834
ENSG00000178464	-0.009749	6.377615	0.990087	1 CTD-2192J16.15	K02866
ENSG00000172888	-0.014229	3.909596	0.990098	1 ZNF621	K09228
ENSG00000167136	-0.013799	3.921217	0.990153	1 ENDOG	K01173
ENSG00000054148	0.010211	6.260713	0.990157	1 PHPT1	K01112
ENSG00000169813	-0.008378	8.694001	0.990168	1 HNRNPF	K12898
ENSG00000168303	-0.01115	5.943351	0.990191	1 MPLKIP	K17985
ENSG00000196981	0.021371	3.926583	0.990208	1 WDR5B	K14963
ENSG00000154124	0.009327	6.479483	0.990255	1 FAM105B	K18343
ENSG00000075856	0.009404	6.277204	0.990265	1 SART3	-
ENSG00000158793	-0.012349	4.953568	0.990305	1 NIT1	K05750
ENSG00000119574	0.015778	3.940997	0.990316	1 ZBTB45	K10516
ENSG00000163155	0.010068	3.943916	0.990316	1 LYSMD1	-
ENSG00000185104	0.008913	6.909403	0.990335	1 FAF1	-
ENSG00000160957	0.008762	7.129278	0.990347	1 RECQL4	K10730
ENSG00000253797	-0.011948	4.964845	0.990384	1 UTP14C	K14567
ENSG00000107186	0.013532	4.96898	0.99041	1 MPDZ	K06095
ENSG00000123364	-0.014303	4.977434	0.990462	1 HOXC13	K09298
ENSG00000198746	0.016142	3.963659	0.990473	1 GPATCH3	-
ENSG00000134901	-0.010973	4.992657	0.990564	1 KDELC1	-
ENSG00000116473	-0.009306	6.421765	0.990566	1 RAP1A	K04353
ENSG00000101290	0.011283	4.998098	0.99059	1 CDS2	K00981
ENSG00000196428	-0.010782	4.998156	0.99059	1 TSC22D2	-
ENSG00000109606	-0.00832	7.676784	0.990646	1 DHX15	K12820
ENSG00000080839	-0.02181	4.005632	0.990724	1 RBL1	K04681
ENSG00000106052	-0.008133	7.721313	0.99085	1 TAX1BP1	-
ENSG00000063244	0.008209	7.375755	0.990857	1 U2AF2	K12837
ENSG00000123130	0.008685	6.628766	0.990875	1 ACOT9	K17361
ENSG00000137822	0.012493	5.06251	0.990998	1 TUBGCP4	K16571
ENSG00000087087	-0.008533	6.844029	0.991017	1 SRRT	-

ENSG00000144711	-0.019575	4.059204	0.991053	1 IQSEC1	K12495
ENSG00000141219	0.012685	5.072971	0.991067	1 C17orf80	-
ENSG00000137812	-0.009566	5.668638	0.991116	1 CASC5	-
ENSG00000033100	0.008724	6.351054	0.991114	1 CHPF2	K03419
ENSG00000253626	-0.018312	4.090418	0.991232	1 EIF5AL1	K03263
ENSG00000181788	0.010033	5.696828	0.991277	1 SIAH2	K08742
ENSG00000108953	0.007234	9.482741	0.99137	1 YWHAE	K06630
ENSG00000182934	0.007845	7.144853	0.991452	1 SRPR	K13431
ENSG00000160360	0.008705	4.138264	0.991527	1 GPSM1	K15839
ENSG00000077463	-0.012786	5.16268	0.991599	1 SIRT6	K11416
ENSG00000224870	-0.015942	4.150894	0.991608	1 RP4-758J18.2	-
ENSG00000067369	-0.008672	6.172211	0.991625	1 TP53BP1	-
ENSG00000051128	-0.008366	6.450132	0.99167	1 HOMER3	K15010
ENSG00000105643	0.009625	5.176049	0.991679	1 ARRDC2	-
ENSG00000119638	-0.008353	6.181909	0.991684	1 NEK9	K08857
ENSG00000071626	-0.007381	7.878478	0.991686	1 DAZAP1	K14411
ENSG00000127463	-0.008195	6.186734	0.991713	1 EMC1	-
ENSG00000164649	-0.01192	5.186959	0.991737	1 CDCA7L	K10408
ENSG00000253570	-0.01192	5.186959	0.991737	1 RNF5P1	K10666
ENSG00000164180	-0.011083	5.210836	0.991871	1 TMEM161B	-
ENSG00000147789	0.010489	5.801977	0.991893	1 ZNF7	K09228
ENSG00000112851	-0.007753	6.890976	0.99192	1 ERBB2IP	K12796
ENSG00000144455	-0.013415	4.218389	0.991989	1 SUMF1	K13444
ENSG00000235174	0.00667	9.457258	0.992062	1 RPL39P3	K02924
ENSG00000105576	0.00794	6.314047	0.992139	1 TNPO2	K18727
ENSG00000133703	-0.008074	6.330989	0.992187	1 KRAS	K07827
ENSG00000104447	0.01121	4.262267	0.992202	1 TRPS1	-
ENSG00000173660	-0.006943	7.808411	0.992254	1 UQCRH	K00416
ENSG00000141736	-0.007548	5.876255	0.992295	1 ERBB2	K05083
ENSG00000244313	0.007149	7.141437	0.992302	1 RP11-425L10.1	K02947
ENSG00000113742	-0.015227	4.294124	0.992371	1 CPEB4	K02602
ENSG00000127184	0.006531	8.195206	0.99252	1 COX7C	K02272
ENSG00000149573	0.012394	4.324873	0.992533	1 MPZL2	-
ENSG00000074855	0.012555	4.333599	0.992595	1 ANO8	K19502
ENSG00000065268	0.008649	5.933373	0.992597	1 WDR18	K14829
ENSG00000169710	-0.006186	9.433081	0.992683	1 FASN	K00665
ENSG00000113569	-0.006509	7.809782	0.992783	1 NUP155	K14312
ENSG00000151151	-0.009677	5.382551	0.992786	1 IPMK	K00915
ENSG00000100030	0.006692	7.203155	0.992816	1 MAPK1	K04371
ENSG00000143514	-0.009395	5.390937	0.99283	1 TP53BP2	K16823
ENSG00000146063	-0.009395	5.390937	0.99283	1 TRIM41	K12017
ENSG00000090316	-0.007063	5.981338	0.992837	1 MAEA	-
ENSG00000125170	0.009555	5.39406	0.992845	1 DOK4	-
ENSG00000163935	-0.011748	4.389247	0.992865	1 SFMBT1	-
ENSG00000135040	-0.008703	5.411689	0.992931	1 NAA35	-
ENSG00000166595	0.009974	5.41477	0.992945	1 FAM96B	-
ENSG00000149532	-0.007273	6.483846	0.992954	1 CPSF7	K14398
ENSG00000130811	0.006451	7.320021	0.993033	1 EIF3G	K03248
ENSG00000126254	0.006889	6.627873	0.993058	1 RBM42	-
ENSG00000110274	-0.01031	4.430497	0.993062	1 CEP164	K16462
ENSG00000269131	-0.013736	4.448708	0.993143	1 AC004447.2	-
ENSG00000100941	0.006082	7.590752	0.993326	1 PNN	K13114
ENSG00000166200	-0.006131	7.607877	0.993354	1 COPS2	K12176
ENSG00000104388	0.005982	7.77383	0.993358	1 RAB2A	K07877
ENSG00000123349	-0.005807	8.331533	0.993418	1 PFDN5	K04797
ENSG00000069869	0.008174	5.51983	0.993431	1 NEDD4	K10591
ENSG00000068489	-0.008556	5.535986	0.993504	1 PRR11	-
ENSG00000167797	0.012114	4.530527	0.993521	1 CDK2AP2	-

ENSG00000100416	0.007575	6.134044	0.993554	1 TRMU	K00566
ENSG00000068878	0.006412	6.684399	0.993582	1 PSME4	K06699
ENSG00000164039	0.012533	4.553119	0.993615	1 BDH2	K00019
ENSG00000169567	-0.00563	8.227687	0.993671	1 HINT1	K02503
ENSG00000196236	-0.009404	4.571804	0.993706	1 XPNPEP3	K01262
ENSG00000165434	0.009274	4.577222	0.993729	1 PGM2L1	K11809
ENSG00000160908	0.009574	4.591844	0.993795	1 ZNF394	K09229
ENSG00000179271	0.005717	7.471025	0.993836	1 GADD45GIP1	-
ENSG00000181904	-0.006968	6.224762	0.993945	1 C5orf24	K12581
ENSG00000088930	0.00589	6.905006	0.994017	1 XRN2	K12619
ENSG00000124608	0.007238	4.650658	0.994026	1 AARS2	K01872
ENSG00000198131	0.005824	5.660868	0.994042	1 ZNF544	K09228
ENSG00000103855	-0.005583	7.457558	0.994113	1 CD276	K06746
ENSG00000124155	-0.005591	7.285522	0.994222	1 PIGT	K05292
ENSG00000059573	0.005369	7.539572	0.994222	1 ALDH18A1	K12657
ENSG00000156873	0.011646	4.697027	0.994222	1 PHKG2	K00871
ENSG00000168488	0.006197	6.285653	0.994291	1 ATXN2L	-
ENSG00000106261	0.007272	5.725291	0.994302	1 ZKSCAN1	K09229
ENSG00000085832	0.007344	5.728603	0.994312	1 EPS15	K12472
ENSG00000198146	0.007417	5.731908	0.99433	1 ZNF770	K17985
ENSG00000113851	-0.007775	4.727232	0.994334	1 CRBN	K11793
ENSG00000161847	0.009122	4.738702	0.994388	1 RAVR1	-
ENSG00000205155	0.009122	4.738702	0.994388	1 PSENN	K06170
ENSG00000120833	-0.006929	4.753479	0.994441	1 SOCS2	K04695
ENSG00000163808	-0.008847	4.79357	0.994595	1 KIF15	K10400
ENSG0000011258	0.008238	4.847819	0.994787	1 MBTD1	-
ENSG00000187266	-0.010034	4.850926	0.994802	1 EPOR	K05079
ENSG00000108021	0.005705	6.312938	0.994854	1 FAM208B	-
ENSG00000214253	-0.005249	5.902156	0.994955	1 FIS1	K17969
ENSG00000054116	0.005419	6.522564	0.994956	1 TRAPPC3	-
ENSG00000101146	-0.007669	5.918195	0.995012	1 RAE1	K14298
ENSG00000114867	0.004327	8.876277	0.995022	1 EIF4G1	K03260
ENSG00000134686	-0.004628	5.922545	0.995026	1 PHC2	K11457
ENSG00000142039	-0.007481	4.927851	0.995064	1 CCDC97	-
ENSG00000110917	-0.004789	7.46726	0.995075	1 MLEC	-
ENSG00000224032	0.008784	5.010403	0.995338	1 EPB41L4A-AS1	-
ENSG00000188290	-0.005455	6.345091	0.995348	1 HES4	K09089
ENSG00000164024	0.005231	6.339717	0.995396	1 METAP1	K01265
ENSG00000165669	0.009344	5.037363	0.995423	1 FAM204A	-
ENSG00000135801	0.009562	5.048007	0.995458	1 TAF5L	K03130
ENSG00000174165	0.009562	5.048007	0.995458	1 ZDHHC24	K18932
ENSG0000015676	-0.006091	6.055085	0.995462	1 NUDCD3	-
ENSG00000197043	0.00445	7.209085	0.995541	1 ANXA6	K17094
ENSG00000138496	0.005046	5.08208	0.995561	1 PARP9	K15260
ENSG00000160972	-0.004732	6.099255	0.995598	1 PPP1R16A	K17458
ENSG00000055950	0.006853	6.101199	0.995603	1 MRPL43	K17424
ENSG00000127616	0.004269	7.409405	0.995636	1 SMARCA4	K11647
ENSG00000159140	-0.003928	7.990338	0.995843	1 SON	-
ENSG00000112078	0.004695	6.491704	0.99587	1 KCTD20	-
ENSG00000101577	-0.006853	5.194157	0.995893	1 LPIN2	K15728
ENSG00000149798	-0.006701	5.19894	0.995902	1 CDC42EP2	-
ENSG00000128989	-0.004093	7.47394	0.995918	1 ARPP19	-
ENSG00000174939	-0.008901	5.204901	0.995921	1 ASPHD1	-
ENSG00000233137	-0.004652	6.223595	0.995961	1 RP11-220I1.1	-
ENSG00000112242	-0.004468	6.26809	0.996082	1 E2F3	K06620
ENSG00000095059	-0.004848	6.329363	0.996106	1 DHPS	K00809
ENSG00000168884	-0.006355	5.283566	0.996136	1 TNIP2	-
ENSG00000119139	0.004924	5.282428	0.996136	1 TJP2	-

ENSG00000115446	-0.007419	5.320251	0.996235	1 UNC50	-
ENSG00000182224	-0.007278	5.324635	0.996243	1 CYB5D1	K11642
ENSG00000196975	0.004338	6.517304	0.996276	1 ANXA4	K17093
ENSG00000160131	-0.004512	6.510075	0.996276	1 VMA21	-
ENSG00000063177	-0.003238	9.339806	0.996296	1 RPL18	K02883
ENSG00000112079	-0.00449	6.478455	0.996343	1 STK38	K08790
ENSG00000166508	0.003321	8.493421	0.996344	1 MCM7	K02210
ENSG00000131584	0.005023	5.379386	0.996382	1 ACAP3	K12489
ENSG00000120539	0.004295	6.30019	0.996583	1 MASTL	K16309
ENSG00000101868	-0.004048	6.733819	0.996585	1 POLA1	K02320
ENSG00000169217	-0.004788	5.471227	0.996605	1 CD2BP2	K13099
ENSG00000143493	0.005478	5.485979	0.996637	1 INTS7	K13144
ENSG00000111300	0.004106	6.338088	0.996764	1 NAA25	K17973
ENSG00000065883	-0.005407	5.576068	0.996842	1 CDK13	K08819
ENSG00000166881	-0.00393	6.622503	0.996851	1 TMEM194A	-
ENSG00000074201	0.003222	7.387827	0.996922	1 CLNS1A	K05019
ENSG00000119844	0.004755	5.615071	0.996925	1 AFTPH	-
ENSG00000177613	-0.004558	5.662593	0.997024	1 CSTF2T	K14407
ENSG00000149923	0.003027	5.879999	0.997439	1 PPP4C	K15423
ENSG00000055332	-0.003506	6.511521	0.997498	1 EIF2AK2	K16195
ENSG00000173456	0.003966	5.918215	0.997504	1 RNF26	K15693
ENSG00000128944	-0.002841	7.161443	0.997663	1 KNSTRN	-
ENSG00000124333	-0.003468	6.098618	0.997797	1 VAMP7	K08515
ENSG00000198218	-0.004577	6.104364	0.997806	1 QRICH1	-
ENSG00000007080	-0.003049	6.652459	0.997888	1 CCDC124	K12581
ENSG00000171928	0.003474	6.266403	0.998038	1 TVP23B	-
ENSG00000188895	0.002379	7.074335	0.998156	1 MSL1	K13163
ENSG00000110330	0.002523	6.827564	0.99818	1 BIRC2	K16060
ENSG00000213585	0.001721	8.905273	0.998197	1 VDAC1	K05862
ENSG00000182087	0.001842	7.753019	0.998414	1 TMEM259	-
ENSG00000065809	-0.002308	6.900207	0.998536	1 FAM107B	-
ENSG00000160213	-0.002374	6.73465	0.99862	1 CSTB	K13907
ENSG00000157020	0.001398	7.294522	0.999202	1 SEC13	K14004
ENSG00000160679	-0.001669	6.948233	0.999269	1 CHTOP	K09228
ENSG00000205913	0.038659	0.986652	1	1 SRRM2-AS1	-
ENSG00000103599	-0.028133	1.474493	1	1 IQCH	-
ENSG00000067221	-0.023356	2.134172	1	1 STOML1	-
ENSG00000177721	0.018365	2.152261	1	1 ANXA2R	-
ENSG00000272462	0.018365	2.152261	1	1 U91328.19	-
ENSG00000234771	0.017768	2.112278	1	1 RP11-395P17.3	-
ENSG00000169814	-0.005977	3.572418	1	1 BTD	K01435
ENSG00000260114	-0.117956	0.883016	1	1 CTD-2574D22.4	-
ENSG00000262185	-0.117956	0.883016	1	1 RP11-462G12.1	-
ENSG00000142347	-0.11215	0.406004	1	1 MYO1F	K10356
ENSG00000145736	-0.11215	0.406004	1	1 GTF2H2	K08857
ENSG00000187736	-0.11215	0.406004	1	1 NHEJ1	K10980
ENSG00000241043	-0.11215	0.406004	1	1 GVQW1	K02311
ENSG00000259153	-0.11215	0.406004	1	1 RP6-65G23.3	-
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ENSG00000100890	0.11192	0.420428	1	1 KIAA0391	K17655
ENSG00000102385	0.11192	0.420428	1	1 DRP2	-
ENSG00000151474	0.11192	0.420428	1	1 FRMD4A	-
ENSG00000164707	0.11192	0.420428	1	1 SLC13A4	K14444
ENSG00000198518	0.11192	0.420428	1	1 HIST1H4E	K11254
ENSG00000227986	0.11192	0.420428	1	1 TRIM60P18	K12029
ENSG00000070087	0.105175	0.545937	1	1 PFN2	K05759
ENSG00000070388	0.105175	0.545937	1	1 FGF22	K04358
ENSG00000080298	0.105175	0.545937	1	1 RFX3	K09173

ENSG00000253616	0.105175	0.545937	1	1 RP11-875O11.3	-
ENSG00000254979	0.105175	0.545937	1	1 RP11-872D17.8	K08230
ENSG00000255242	0.105175	0.545937	1	1 C14orf169	-
ENSG00000258366	0.105175	0.545937	1	1 RTEL1	K11136
ENSG00000269486	0.105175	0.545937	1	1 CTC-360G5.9	-
ENSG00000269867	0.105175	0.545937	1	1 CTD-2583A14.8	-
ENSG00000273270	0.105175	0.545937	1	1 RP11-212P7.2	-
ENSG00000187105	0.090792	0.86781	1	1 HEATR4	-
ENSG00000213846	0.090792	0.86781	1	1 AC098614.2	K10375
ENSG00000232284	0.090792	0.86781	1	1 GNG12-AS1	-
ENSG00000185046	-0.076099	0.755352	1	1 ANKS1B	-
ENSG00000234684	-0.076099	0.755352	1	1 SDCBP2-AS1	-
ENSG00000261761	-0.076099	0.755352	1	1 RP11-103J17.2	-
ENSG00000272604	-0.076099	0.755352	1	1 RP11-251G23.5	-
ENSG00000186153	-0.067627	0.8553	1	1 WWOX	K19329
ENSG00000261971	-0.067627	0.8553	1	1 RP11-473M20.7	-
ENSG00000172458	0.038643	0.895389	1	1 IL17D	-
ENSG00000181826	0.038581	0.580883	1	1 RELL1	-
ENSG00000198929	0.038581	0.580883	1	1 NOS1AP	K16513
ENSG00000254469	0.038581	0.580883	1	1 RP11-849H4.2	K04965
ENSG00000260083	0.038581	0.580883	1	1 MIR4519	-
ENSG00000099889	-0.016081	3.692759	1	1 ARVCF	-
ENSG00000165121	-0.011731	2.422547	1	1 RP11-213G2.3	K10395
ENSG00000077782	0.011383	3.69236	1	1 FGFR1	K04362
ENSG00000167642	-0.009794	3.675608	1	1 SPINT2	-
ENSG00000068976	0.162062	-0.231544	1	1 PYGM	K00688
ENSG00000116128	0.162062	-0.231544	1	1 BCL9	-
ENSG00000135835	0.162062	-0.231544	1	1 KIAA1614	-
ENSG00000143552	0.162062	-0.231544	1	1 NUP210L	K14314
ENSG00000147003	0.162062	-0.231544	1	1 TMEM27	-
ENSG00000180425	0.162062	-0.231544	1	1 C11orf71	-
ENSG00000197122	0.162062	-0.231544	1	1 SRC	K05704
ENSG00000224536	0.162062	-0.231544	1	1 RP11-134G8.7	-
ENSG00000248866	0.162062	-0.231544	1	1 USP46-AS1	-
ENSG00000255867	0.162062	-0.231544	1	1 DENND5B-AS1	-
ENSG00000257557	0.162062	-0.231544	1	1 RP11-84G21.1	-
ENSG00000272301	0.162062	-0.231544	1	1 RP11-111M22.4	-
ENSG00000124920	0.038796	2.395936	1	1 MYRF	-
ENSG00000245213	0.038765	1.927668	1	1 RP11-10K16.1	-
ENSG00000135925	0.038342	-0.170038	1	1 WNT10A	K13194
ENSG00000142530	0.038342	-0.170038	1	1 FAM71E1	-
ENSG00000151150	0.038342	-0.170038	1	1 ANK3	K10380
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ENSG00000187024	0.038342	-0.170038	1	1 PTRH1	K01056
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ENSG00000197837	0.038342	-0.170038	1	1 HIST4H4	-
ENSG00000204882	0.038342	-0.170038	1	1 GPR20	K04317
ENSG00000204920	0.038342	-0.170038	1	1 ZNF155	-
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ENSG00000257740	0.038342	-0.170038	1	1 RP11-977G19.12	-
ENSG00000268087	0.038342	-0.170038	1	1 CTC-429P9.2	-
ENSG00000270964	0.038342	-0.170038	1	1 RP11-502I4.3	-
ENSG00000273117	0.038342	-0.170038	1	1 AC144652.1	-
ENSG00000137821	-0.034979	1.342723	1	1 LRRC49	K16606
ENSG00000148291	-0.034979	1.342723	1	1 SURF2	-
ENSG00000158406	-0.034979	1.342723	1	1 HIST1H4H	K11254

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ENSG00000174576	3.724485	-2.294189	1	1 NPAS4	-
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ENSG00000177197	3.724485	-2.294189	1	1 PCNPP5	-
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ENSG00000184486	3.724485	-2.294189	1	1 POU3F2	K09365
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ENSG00000213216	3.724485	-2.294189	1	1 RP11-355O1.7	K02975
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ENSG00000213703	3.724485	-2.294189	1	1 RP5-849H19.2	K02872
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ENSG00000213863	3.724485	-2.294189	1	1 XX-C2158C12.2	-
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ENSG00000217372	3.724485	-2.294189	1	1 TUBB4BP7	K07375
ENSG00000217648	3.724485	-2.294189	1	1 RP1-95L4.4	K09650
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ENSG00000219932	3.724485	-2.294189	1	1 RPL12P8	K02870
ENSG00000220583	3.724485	-2.294189	1	1 RPL35P2	K02918
ENSG00000220660	3.724485	-2.294189	1	1 RP3-406A7.3	-
ENSG00000220693	3.724485	-2.294189	1	1 AC011498.1	K17985
ENSG00000220695	3.724485	-2.294189	1	1 RP1-121G13.3	K17822
ENSG00000221169	3.724485	-2.294189	1	1 AC013444.2	-
ENSG00000221203	3.724485	-2.294189	1	1 MIR1262	-

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ENSG00000221272	3.724485	-2.294189	1	1 AC067742.1	--
ENSG00000221429	3.724485	-2.294189	1	1 AC018635.1	--
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ENSG00000223300	3.724485	-2.294189	1	1 Y_RNA	--
ENSG00000223432	3.724485	-2.294189	1	1 RP11-62L18.3	--
ENSG00000223462	3.724485	-2.294189	1	1 RP11-285G1.9	--
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ENSG00000223704	3.724485	-2.294189	1	1 RP1-90L6.2	--
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ENSG00000223867	3.724485	-2.294189	1	1 AC098592.7	--
ENSG00000223878	3.724485	-2.294189	1	1 AC005517.3	K03767
ENSG00000223979	3.724485	-2.294189	1	1 SMCR2	--
ENSG00000223984	3.724485	-2.294189	1	1 HNRNPRP1	K13161
ENSG00000224077	3.724485	-2.294189	1	1 AP000936.4	--
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ENSG00000224324	3.724485	-2.294189	1	1 THAP5P1	--
ENSG00000224349	3.724485	-2.294189	1	1 RP11-462G2.2	--
ENSG00000224460	3.724485	-2.294189	1	1 RP11-439L18.2	--
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ENSG00000227172	3.724485	-2.294189	1	1 AC011290.4	-
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ENSG00000228525	3.724485	-2.294189	1	1 RP5-1087E8.2	-
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ENSG00000228620	3.724485	-2.294189	1	1 RP3-434P1.6	-
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ENSG00000228679	3.724485	-2.294189	1	1 RP4-676J13.2	-
ENSG00000228702	3.724485	-2.294189	1	1 RP11-671E7.1	K18708
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ENSG00000229648	3.724485	-2.294189	1	1 AC016753.7	K02998
ENSG00000229659	3.724485	-2.294189	1	1 RP11-345K20.2	K02898
ENSG00000229660	3.724485	-2.294189	1	1 RP5-1142J19.1	-
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ENSG00000229990	3.724485	-2.294189	1	1 RP11-574K11.8	-
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ENSG00000230047	3.724485	-2.294189	1	1 AC017104.4	-
ENSG00000230054	3.724485	-2.294189	1	1 RP11-402G3.5	-
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ENSG00000230394	3.724485	-2.294189	1	1 RP11-692P14.1	-
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ENSG00000230444	3.724485	-2.294189	1	1 TFAMP1	K11830
ENSG00000230459	3.724485	-2.294189	1	1 RP11-741G21.1	K11300
ENSG00000230468	3.724485	-2.294189	1	1 CLUHP5	-
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ENSG00000230500	3.724485	-2.294189	1	1 RP11-360I20.2	-
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ENSG00000230550	3.724485	-2.294189	1	1 RP11-74C13.3	-
ENSG00000230587	3.724485	-2.294189	1	1 AC093609.1	-
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ENSG00000230694	3.724485	-2.294189	1	1 RP11-62F24.1	-
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ENSG00000230872	3.724485	-2.294189	1	1 AC092338.5	-
ENSG00000230914	3.724485	-2.294189	1	1 AC004840.8	-
ENSG00000230927	3.724485	-2.294189	1	1 TMBIM7P	-
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ENSG00000231104	3.724485	-2.294189	1	1 RP11-354M20.3	-
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ENSG00000231187	3.724485	-2.294189	1	1 RP11-38L15.3	-
ENSG00000231193	3.724485	-2.294189	1	1 RP11-462B18.2	-
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ENSG00000231518	3.724485	-2.294189	1	1 RP11-327L3.3	-
ENSG00000231544	3.724485	-2.294189	1	1 RSL24D1P11	K02896
ENSG00000231564	3.724485	-2.294189	1	1 EIF4A1P11	K03257
ENSG00000231686	3.724485	-2.294189	1	1 RP1-203P18.1	-
ENSG00000231726	3.724485	-2.294189	1	1 HMGN2P38	K11300
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ENSG00000231868	3.724485	-2.294189	1	1 RP1-202O8.2	-
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ENSG00000232002	3.724485	-2.294189	1	1 AC093642.6	-
ENSG00000232046	3.724485	-2.294189	1	1 AC007392.3	-
ENSG00000232129	3.724485	-2.294189	1	1 AC011385.2	K12581
ENSG00000232131	3.724485	-2.294189	1	1 NCOA7-AS1	-
ENSG00000232133	3.724485	-2.294189	1	1 IMPDH1P10	K00088
ENSG00000232166	3.724485	-2.294189	1	1 RP4-799P18.5	K02940
ENSG00000232224	3.724485	-2.294189	1	1 LINC00202-1	-
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ENSG00000232229	3.724485	-2.294189	1	1 LINC00865	-
ENSG00000232316	3.724485	-2.294189	1	1 RP1-124C6.1	-
ENSG00000232362	3.724485	-2.294189	1	1 ATP5LP2	K02140
ENSG00000232396	3.724485	-2.294189	1	1 RP1-76B20.11	-
ENSG00000232448	3.724485	-2.294189	1	1 RP11-416N4.1	-
ENSG00000232479	3.724485	-2.294189	1	1 AC010900.2	K07605
ENSG00000232487	3.724485	-2.294189	1	1 RASA3-IT1	-
ENSG00000232526	3.724485	-2.294189	1	1 AC025750.6	K05862
ENSG00000232568	3.724485	-2.294189	1	1 RPL23AP35	K02893
ENSG00000232586	3.724485	-2.294189	1	1 RP11-46A10.4	-
ENSG00000232623	3.724485	-2.294189	1	1 AP000266.7	-
ENSG00000232646	3.724485	-2.294189	1	1 RP11-344N10.4	-
ENSG00000232699	3.724485	-2.294189	1	1 BDH2P1	K00019
ENSG00000232777	3.724485	-2.294189	1	1 MRPL51P2	K17432
ENSG00000232926	3.724485	-2.294189	1	1 AC000078.5	-
ENSG00000232949	3.724485	-2.294189	1	1 AC002480.4	-
ENSG00000233125	3.724485	-2.294189	1	1 ACTBP12	K05692
ENSG00000233332	3.724485	-2.294189	1	1 RP4-799P18.2	-
ENSG00000233343	3.724485	-2.294189	1	1 ATP6V1G1P4	-
ENSG00000233369	3.724485	-2.294189	1	1 RP11-396K3.1	K03121
ENSG00000233392	3.724485	-2.294189	1	1 AC104809.4	-
ENSG00000233431	3.724485	-2.294189	1	1 RP11-63N8.3	-
ENSG00000233518	3.724485	-2.294189	1	1 RPL7P35	K02937
ENSG00000233521	3.724485	-2.294189	1	1 RP5-1172A22.1	-
ENSG00000233593	3.724485	-2.294189	1	1 RP4-665J23.1	-
ENSG00000233635	3.724485	-2.294189	1	1 AC037445.1	-
ENSG00000233684	3.724485	-2.294189	1	1 AC079779.6	-
ENSG00000233690	3.724485	-2.294189	1	1 EBAG9P1	-
ENSG00000233694	3.724485	-2.294189	1	1 AC007365.1	-
ENSG00000233725	3.724485	-2.294189	1	1 LINC00284	-
ENSG00000233821	3.724485	-2.294189	1	1 ENOX1-AS1	-

ENSG00000233827	3.724485	-2.294189	1	1 FAM58BP	-
ENSG00000233877	3.724485	-2.294189	1	1 RP11-182I10.2	-
ENSG00000233963	3.724485	-2.294189	1	1 ATP8A2P3	K14802
ENSG00000233978	3.724485	-2.294189	1	1 AC016735.3	-
ENSG00000234017	3.724485	-2.294189	1	1 RP11-214N15.5	K03231
ENSG00000234136	3.724485	-2.294189	1	1 AC055764.1	-
ENSG00000234148	3.724485	-2.294189	1	1 RP11-395L14.3	-
ENSG00000234324	3.724485	-2.294189	1	1 RPL9P2	K02940
ENSG00000234371	3.724485	-2.294189	1	1 RP11-315J22.5	K02998
ENSG00000234393	3.724485	-2.294189	1	1 RP11-211N11.5	-
ENSG00000234423	3.724485	-2.294189	1	1 AC019118.2	-
ENSG00000234471	3.724485	-2.294189	1	1 AC147651.1	-
ENSG00000234562	3.724485	-2.294189	1	1 TPMTP2	K00569
ENSG00000234698	3.724485	-2.294189	1	1 RP11-112L6.2	-
ENSG00000234709	3.724485	-2.294189	1	1 UPF3AP3	K14328
ENSG00000234718	3.724485	-2.294189	1	1 AC007161.5	-
ENSG00000234826	3.724485	-2.294189	1	1 AC003084.2	-
ENSG00000234919	3.724485	-2.294189	1	1 AC064834.3	-
ENSG00000234925	3.724485	-2.294189	1	1 RP11-254B13.3	K02138
ENSG00000234973	3.724485	-2.294189	1	1 RP11-272J7.4	-
ENSG00000234986	3.724485	-2.294189	1	1 XX-C2158C12.1	-
ENSG00000235084	3.724485	-2.294189	1	1 CHCHD2P6	K00901
ENSG00000235284	3.724485	-2.294189	1	1 SNORD62A	-
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ENSG00000235422	3.724485	-2.294189	1	1 KATNBL1P3	-
ENSG00000235565	3.724485	-2.294189	1	1 RP11-86H7.7	-
ENSG00000235643	3.724485	-2.294189	1	1 RP1-69M21.2	-
ENSG00000235664	3.724485	-2.294189	1	1 AC005682.8	-
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ENSG00000235746	3.724485	-2.294189	1	1 CTBP2P2	K04496
ENSG00000235760	3.724485	-2.294189	1	1 AC138655.4	-
ENSG00000235957	3.724485	-2.294189	1	1 COX7CP1	K02272
ENSG00000235990	3.724485	-2.294189	1	1 RP11-323D18.5	K02893
ENSG00000236049	3.724485	-2.294189	1	1 AC104777.2	-
ENSG00000236055	3.724485	-2.294189	1	1 RP11-423O2.2	-
ENSG00000236120	3.724485	-2.294189	1	1 RP11-733O18.1	-
ENSG00000236155	3.724485	-2.294189	1	1 RP11-231P20.2	-
ENSG00000236226	3.724485	-2.294189	1	1 RP11-645N11.3	-
ENSG00000236318	3.724485	-2.294189	1	1 AC019117.1	-
ENSG00000236430	3.724485	-2.294189	1	1 KRT8P29	K07605
ENSG00000236463	3.724485	-2.294189	1	1 LINC00427	-
ENSG00000236480	3.724485	-2.294189	1	1 PKMP1	K00873
ENSG00000236483	3.724485	-2.294189	1	1 CTD-3105H18.8	-
ENSG00000236512	3.724485	-2.294189	1	1 RP3-336K20__B.2	K02905
ENSG00000236534	3.724485	-2.294189	1	1 H3F3BP1	K11253
ENSG00000236546	3.724485	-2.294189	1	1 RP1-118J21.5	-
ENSG00000236549	3.724485	-2.294189	1	1 AC079807.3	K02977
ENSG00000236567	3.724485	-2.294189	1	1 RP11-39K24.7	K09063
ENSG00000236583	3.724485	-2.294189	1	1 AP004290.1	K17392
ENSG00000236616	3.724485	-2.294189	1	1 BAK1P2	K14021
ENSG00000236678	3.724485	-2.294189	1	1 LINC00347	-
ENSG00000236756	3.724485	-2.294189	1	1 DNAJC9-AS1	-
ENSG00000236942	3.724485	-2.294189	1	1 RP11-6B6.3	K08341
ENSG00000236977	3.724485	-2.294189	1	1 ANKRD44-IT1	-
ENSG00000237088	3.724485	-2.294189	1	1 RP11-73E6.2	K02936
ENSG00000237136	3.724485	-2.294189	1	1 C4orf51	-
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ENSG00000237271	3.724485	-2.294189	1	1 AC009498.1	-

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ENSG00000237416	3.724485	-2.294189	1	1 RP11-465K1.2	-
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ENSG00000237669	3.724485	-2.294189	1	1 HCG4P3	K06751
ENSG00000237691	3.724485	-2.294189	1	1 IFNWP2	K05440
ENSG00000237887	3.724485	-2.294189	1	1 RPL23AP32	K02893
ENSG00000237934	3.724485	-2.294189	1	1 RP11-467D18.2	-
ENSG00000237972	3.724485	-2.294189	1	1 TUBG1P	K10389
ENSG00000238000	3.724485	-2.294189	1	1 RP11-274E7.2	K06697
ENSG00000238140	3.724485	-2.294189	1	1 RP11-253A20.1	-
ENSG00000238164	3.724485	-2.294189	1	1 RP3-395M20.8	-
ENSG00000238222	3.724485	-2.294189	1	1 MKRN4P	K15687
ENSG00000238231	3.724485	-2.294189	1	1 RP11-460I13.6	K06566
ENSG00000238272	3.724485	-2.294189	1	1 RP3-436N22.3	-
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ENSG00000238311	3.724485	-2.294189	1	1 snoU13	-
ENSG00000238322	3.724485	-2.294189	1	1 snoU13	-
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ENSG00000238475	3.724485	-2.294189	1	1 snoU13	-
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ENSG00000238791	3.724485	-2.294189	1	1 snoU13	-
ENSG00000238831	3.724485	-2.294189	1	1 RNU7-189P	-
ENSG00000238834	3.724485	-2.294189	1	1 snoU13	-
ENSG00000238857	3.724485	-2.294189	1	1 snoU13	-
ENSG00000238920	3.724485	-2.294189	1	1 snoU13	-
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ENSG00000239125	3.724485	-2.294189	1	1 snoU13	-
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ENSG00000239377	3.724485	-2.294189	1	1 RP4-584D14.6	-
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ENSG00000239774	3.724485	-2.294189	1	1 RP11-496B10.3	-
ENSG00000239821	3.724485	-2.294189	1	1 RN7SL513P	-
ENSG00000239883	3.724485	-2.294189	1	1 RP11-175I17.2	K07759
ENSG00000239899	3.724485	-2.294189	1	1 RN7SL674P	-
ENSG00000239919	3.724485	-2.294189	1	1 SNRPGP3	K11099
ENSG00000240021	3.724485	-2.294189	1	1 TEX35	-
ENSG00000240093	3.724485	-2.294189	1	1 AC093627.12	-
ENSG00000240219	3.724485	-2.294189	1	1 RP11-430C7.5	-
ENSG00000240305	3.724485	-2.294189	1	1 RP11-1072C15.1	K02934
ENSG00000240322	3.724485	-2.294189	1	1 RN7SL481P	-
ENSG00000240338	3.724485	-2.294189	1	1 RP11-331F4.4	K01310
ENSG00000240385	3.724485	-2.294189	1	1 RPS29P20	-
ENSG00000240401	3.724485	-2.294189	1	1 AC012358.8	-
ENSG00000240687	3.724485	-2.294189	1	1 RP11-521D12.1	-

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ENSG00000240710	3.724485	-2.294189	1	1 RP11-430C7.4	-
ENSG00000240720	3.724485	-2.294189	1	1 LRRD1	-
ENSG00000240723	3.724485	-2.294189	1	1 RN7SL382P	-
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ENSG00000240991	3.724485	-2.294189	1	1 RPL23AP67	K02893
ENSG00000241007	3.724485	-2.294189	1	1 SEPT7P6	K16944
ENSG00000241095	3.724485	-2.294189	1	1 CYP51A1P1	K05917
ENSG00000241362	3.724485	-2.294189	1	1 RPL36AP43	K02929
ENSG00000241369	3.724485	-2.294189	1	1 CT64	-
ENSG00000241413	3.724485	-2.294189	1	1 RN7SL441P	-
ENSG00000241416	3.724485	-2.294189	1	1 KRT8P13	K07605
ENSG00000241535	3.724485	-2.294189	1	1 CBX5P1	K11587
ENSG00000241568	3.724485	-2.294189	1	1 RN7SL338P	-
ENSG00000241593	3.724485	-2.294189	1	1 RP11-520D19.2	-
ENSG00000241631	3.724485	-2.294189	1	1 RN7SL316P	-
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ENSG00000241738	3.724485	-2.294189	1	1 ZNF90P1	K09228
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ENSG00000241811	3.724485	-2.294189	1	1 RN7SL651P	-
ENSG00000241879	3.724485	-2.294189	1	1 KLF3P2	-
ENSG00000242058	3.724485	-2.294189	1	1 RPS4XP19	K02987
ENSG00000242173	3.724485	-2.294189	1	1 ARHGDIG	K12462
ENSG00000242398	3.724485	-2.294189	1	1 RN7SL800P	-
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ENSG00000242551	3.724485	-2.294189	1	1 POU5F1P6	K09367
ENSG00000242748	3.724485	-2.294189	1	1 RPL23AP81	K02893
ENSG00000242882	3.724485	-2.294189	1	1 RPL5P11	K02932
ENSG00000242888	3.724485	-2.294189	1	1 RP11-436M15.1	K02981
ENSG00000242941	3.724485	-2.294189	1	1 CTD-2325P2.2	K02870
ENSG00000243018	3.724485	-2.294189	1	1 RP5-1070G24.2	-
ENSG00000243088	3.724485	-2.294189	1	1 RN7SL539P	-
ENSG00000243089	3.724485	-2.294189	1	1 RP11-779P15.2	-
ENSG00000243130	3.724485	-2.294189	1	1 PSG11	K06500
ENSG00000243307	3.724485	-2.294189	1	1 RP11-239L20.3	-
ENSG00000243385	3.724485	-2.294189	1	1 CTD-2110K23.1	-
ENSG00000243388	3.724485	-2.294189	1	1 RPL3P3	K02925
ENSG00000243402	3.724485	-2.294189	1	1 RP11-473O4.1	K02877
ENSG00000243433	3.724485	-2.294189	1	1 RP11-148K1.10	-
ENSG00000243533	3.724485	-2.294189	1	1 TBCE-AS1	-
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ENSG00000243910	3.724485	-2.294189	1	1 TUBA4B	K07374
ENSG00000243959	3.724485	-2.294189	1	1 RN7SL684P	-
ENSG00000244045	3.724485	-2.294189	1	1 TMEM199	-
ENSG00000244061	3.724485	-2.294189	1	1 RP11-389C8.1	K02865
ENSG00000244063	3.724485	-2.294189	1	1 AC024704.2	-
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ENSG00000244134	3.724485	-2.294189	1	1 RPS12P20	K02951
ENSG00000244236	3.724485	-2.294189	1	1 RN7SL604P	-
ENSG00000244280	3.724485	-2.294189	1	1 ECEL1P2	K09610
ENSG00000244378	3.724485	-2.294189	1	1 RPS2P45	K02981
ENSG00000244677	3.724485	-2.294189	1	1 RN7SL706P	-
ENSG00000244691	3.724485	-2.294189	1	1 RP11-600F24.2	K02865
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ENSG00000245205	3.724485	-2.294189	1	1 EEF1A1P4	K03231
ENSG00000245311	3.724485	-2.294189	1	1 RP11-165P7.1	-
ENSG00000245954	3.724485	-2.294189	1	1 RP11-18H21.1	-

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ENSG00000247311	3.724485	-2.294189	1	1 CTC-441N14.2	-
ENSG00000247324	3.724485	-2.294189	1	1 RP11-510M2.2	-
ENSG00000247925	3.724485	-2.294189	1	1 RP3-510L9.1	-
ENSG00000248394	3.724485	-2.294189	1	1 FOSL1P1	K04502
ENSG00000248416	3.724485	-2.294189	1	1 RP11-1191J2.4	-
ENSG00000248521	3.724485	-2.294189	1	1 RP11-174F8.1	K10568
ENSG00000248568	3.724485	-2.294189	1	1 KRT8P48	K07605
ENSG00000248714	3.724485	-2.294189	1	1 RP11-1079K10.3	-
ENSG00000248794	3.724485	-2.294189	1	1 CTD-2248H3.1	K02951
ENSG00000248795	3.724485	-2.294189	1	1 RP11-173E2.1	K11883
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ENSG00000249053	3.724485	-2.294189	1	1 RP11-419C19.1	-
ENSG00000249096	3.724485	-2.294189	1	1 RP11-290F5.1	-
ENSG00000249119	3.724485	-2.294189	1	1 MTND6P4	K03884
ENSG00000249176	3.724485	-2.294189	1	1 RP11-304F15.5	K14815
ENSG00000249242	3.724485	-2.294189	1	1 TMEM150C	-
ENSG00000249428	3.724485	-2.294189	1	1 RP11-503N18.3	-
ENSG00000249437	3.724485	-2.294189	1	1 NAIP	K12807
ENSG00000249441	3.724485	-2.294189	1	1 RP11-94H6.1	-
ENSG00000249610	3.724485	-2.294189	1	1 CTC-441N14.1	-
ENSG00000249680	3.724485	-2.294189	1	1 TUBA3GP	K07374
ENSG00000249784	3.724485	-2.294189	1	1 SCARNA22	-
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ENSG00000249923	3.724485	-2.294189	1	1 XXbac-B444P24.8	-
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ENSG00000250220	3.724485	-2.294189	1	1 RP11-692D12.1	-
ENSG00000250261	3.724485	-2.294189	1	1 AC007050.18	-
ENSG00000250280	3.724485	-2.294189	1	1 RP11-305O6.3	-
ENSG00000250282	3.724485	-2.294189	1	1 RP5-875H18.4	-
ENSG00000250332	3.724485	-2.294189	1	1 CTD-2272G21.2	K07293
ENSG00000250508	3.724485	-2.294189	1	1 RP11-757G1.6	-
ENSG00000250600	3.724485	-2.294189	1	1 ROPN1L-AS1	-
ENSG00000250677	3.724485	-2.294189	1	1 RP11-576N17.2	-
ENSG00000250749	3.724485	-2.294189	1	1 RP11-451H23.1	-
ENSG00000250756	3.724485	-2.294189	1	1 RP11-225B17.1	K08376
ENSG00000250882	3.724485	-2.294189	1	1 CTC-459M5.1	-
ENSG00000250986	3.724485	-2.294189	1	1 AC141928.1	-
ENSG00000251148	3.724485	-2.294189	1	1 RP11-478C1.7	-
ENSG00000251171	3.724485	-2.294189	1	1 RP11-327O17.2	-
ENSG00000251187	3.724485	-2.294189	1	1 CTC-459M5.2	-
ENSG00000251314	3.724485	-2.294189	1	1 CTD-2337A12.1	-
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ENSG00000251455	3.724485	-2.294189	1	1 RP11-164P12.3	-
ENSG00000251461	3.724485	-2.294189	1	1 RP11-501C14.6	-
ENSG00000251484	3.724485	-2.294189	1	1 RP5-1065J22.4	K12889
ENSG00000251574	3.724485	-2.294189	1	1 RP11-6N13.1	-
ENSG00000251590	3.724485	-2.294189	1	1 NIFKP7	K14838
ENSG00000251596	3.724485	-2.294189	1	1 HADHAP1	K07515
ENSG00000251685	3.724485	-2.294189	1	1 RP11-813N20.1	K00699
ENSG00000251692	3.724485	-2.294189	1	1 PTX4	-
ENSG00000251695	3.724485	-2.294189	1	1 AC124890.1	-
ENSG00000251738	3.724485	-2.294189	1	1 AC073215.1	-
ENSG00000251791	3.724485	-2.294189	1	1 SCARNA6	-
ENSG00000251869	3.724485	-2.294189	1	1 SCARNA23	-
ENSG00000251990	3.724485	-2.294189	1	1 RNA5SP180	-

ENSG00000251992	3.724485	-2.294189	1	1 SCARNA17	--
ENSG00000252010	3.724485	-2.294189	1	1 SCARNA5	--
ENSG00000252021	3.724485	-2.294189	1	1 Y_RNA	--
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ENSG00000252355	3.724485	-2.294189	1	1 RN7SKP287	--
ENSG00000252469	3.724485	-2.294189	1	1 RNU7-160P	--
ENSG00000252543	3.724485	-2.294189	1	1 U3	--
ENSG00000252549	3.724485	-2.294189	1	1 RNU6-759P	--
ENSG00000252552	3.724485	-2.294189	1	1 RNU6-307P	--
ENSG00000252590	3.724485	-2.294189	1	1 RNU7-143P	--
ENSG00000252636	3.724485	-2.294189	1	1 RNU6-826P	--
ENSG00000252637	3.724485	-2.294189	1	1 RNA5SP268	--
ENSG00000252707	3.724485	-2.294189	1	1 RNU11-2P	--
ENSG00000252839	3.724485	-2.294189	1	1 RNU6-419P	--
ENSG00000252905	3.724485	-2.294189	1	1 RNA5SP330	--
ENSG00000252908	3.724485	-2.294189	1	1 RNU6-1003P	--
ENSG00000252914	3.724485	-2.294189	1	1 RNU6-789P	--
ENSG00000252949	3.724485	-2.294189	1	1 AL136303.1	--
ENSG00000252971	3.724485	-2.294189	1	1 RNU6-1057P	--
ENSG00000252987	3.724485	-2.294189	1	1 RNA5SP66	--
ENSG00000253140	3.724485	-2.294189	1	1 RP11-567J20.3	--
ENSG00000253153	3.724485	-2.294189	1	1 KB-1562D12.3	K02896
ENSG00000253180	3.724485	-2.294189	1	1 RP11-410L14.1	K10704
ENSG00000253228	3.724485	-2.294189	1	1 NRBF2P4	--
ENSG00000253295	3.724485	-2.294189	1	1 RP11-779O18.1	--
ENSG00000253356	3.724485	-2.294189	1	1 RP11-90P5.2	--
ENSG00000253397	3.724485	-2.294189	1	1 RP11-597M17.1	--
ENSG00000253456	3.724485	-2.294189	1	1 CTD-2363C16.2	--
ENSG00000253539	3.724485	-2.294189	1	1 RP11-402L5.1	--
ENSG00000253582	3.724485	-2.294189	1	1 RP11-649G15.2	--
ENSG00000253708	3.724485	-2.294189	1	1 RP11-51J9.4	--
ENSG00000253739	3.724485	-2.294189	1	1 RP11-90P5.7	--
ENSG00000253768	3.724485	-2.294189	1	1 CTB-33O18.1	--
ENSG00000253802	3.724485	-2.294189	1	1 CTA-392C11.1	--
ENSG00000253844	3.724485	-2.294189	1	1 RP11-546K22.1	--
ENSG00000253911	3.724485	-2.294189	1	1 KB-1205A7.2	--
ENSG00000253983	3.724485	-2.294189	1	1 RP1-16A9.1	--
ENSG00000254038	3.724485	-2.294189	1	1 RP11-419C23.1	--
ENSG00000254244	3.724485	-2.294189	1	1 PAICSP4	K01587
ENSG00000254353	3.724485	-2.294189	1	1 RP11-195E2.4	--
ENSG00000254362	3.724485	-2.294189	1	1 RP11-14I17.3	--
ENSG00000254477	3.724485	-2.294189	1	1 AP000640.10	--
ENSG00000254577	3.724485	-2.294189	1	1 RP11-484D2.4	--
ENSG00000254648	3.724485	-2.294189	1	1 RP11-713P17.4	--
ENSG00000254672	3.724485	-2.294189	1	1 RP5-916O11.3	K06632
ENSG00000254747	3.724485	-2.294189	1	1 RP11-664H7.1	--
ENSG00000254791	3.724485	-2.294189	1	1 FAR1-IT1	--
ENSG00000254854	3.724485	-2.294189	1	1 CTD-2523D13.2	--
ENSG00000254879	3.724485	-2.294189	1	1 AC103828.1	--
ENSG00000254884	3.724485	-2.294189	1	1 RP11-682B13.2	--
ENSG00000254973	3.724485	-2.294189	1	1 RP11-429J17.7	--
ENSG00000254982	3.724485	-2.294189	1	1 HMGB1P24	K10802
ENSG00000255115	3.724485	-2.294189	1	1 RP11-91P24.3	--
ENSG00000255156	3.724485	-2.294189	1	1 KLHL22-IT1	--
ENSG00000255186	3.724485	-2.294189	1	1 RP11-514F3.5	--

ENSG00000255250	3.724485	-2.294189	1	1 CTD-2005H7.2	--
ENSG00000255272	3.724485	-2.294189	1	1 RP11-646J21.6	--
ENSG00000255362	3.724485	-2.294189	1	1 RP11-619A14.3	--
ENSG00000255382	3.724485	-2.294189	1	1 RP11-718B12.2	--
ENSG00000255420	3.724485	-2.294189	1	1 RP11-236J17.3	--
ENSG00000255434	3.724485	-2.294189	1	1 CTD-2530H12.8	--
ENSG00000255670	3.724485	-2.294189	1	1 RP11-253I19.3	--
ENSG00000255693	3.724485	-2.294189	1	1 RP11-766N7.3	--
ENSG00000255776	3.724485	-2.294189	1	1 RP11-436I9.3	K15040
ENSG00000255817	3.724485	-2.294189	1	1 RP11-196H14.4	--
ENSG00000255967	3.724485	-2.294189	1	1 RP11-438L7.3	K07515
ENSG00000256008	3.724485	-2.294189	1	1 RP11-728G15.1	--
ENSG00000256011	3.724485	-2.294189	1	1 RP11-392P7.7	--
ENSG00000256116	3.724485	-2.294189	1	1 RP11-783K16.14	--
ENSG00000256139	3.724485	-2.294189	1	1 RP11-968O1.5	--
ENSG00000256195	3.724485	-2.294189	1	1 RP11-64D24.4	--
ENSG00000256299	3.724485	-2.294189	1	1 RP11-989F5.3	--
ENSG00000256731	3.724485	-2.294189	1	1 AL591069.1	--
ENSG00000256937	3.724485	-2.294189	1	1 RP11-436I9.5	K07604
ENSG00000256981	3.724485	-2.294189	1	1 TAS2R18	K08474
ENSG00000257241	3.724485	-2.294189	1	1 RP11-611E13.3	--
ENSG00000257272	3.724485	-2.294189	1	1 RP11-317N8.3	--
ENSG00000257289	3.724485	-2.294189	1	1 RP11-611O2.6	K04631
ENSG00000257302	3.724485	-2.294189	1	1 FAHD2P1	--
ENSG00000257384	3.724485	-2.294189	1	1 RP11-644F5.12	--
ENSG00000257456	3.724485	-2.294189	1	1 RP11-310I24.1	--
ENSG00000257474	3.724485	-2.294189	1	1 RP11-359M6.1	--
ENSG00000257529	3.724485	-2.294189	1	1 RPL36A-HNRNPH2	K12898
ENSG00000257803	3.724485	-2.294189	1	1 RP11-575G13.2	K03857
ENSG00000257894	3.724485	-2.294189	1	1 RP1-78O14.1	--
ENSG00000257947	3.724485	-2.294189	1	1 RP11-46I1.1	--
ENSG00000257999	3.724485	-2.294189	1	1 RP11-61E11.2	--
ENSG00000258177	3.724485	-2.294189	1	1 RP11-394J1.2	--
ENSG00000258205	3.724485	-2.294189	1	1 RP11-248E9.1	--
ENSG00000258240	3.724485	-2.294189	1	1 RP1-46F2.3	--
ENSG00000258380	3.724485	-2.294189	1	1 RP11-33N16.2	--
ENSG00000258425	3.724485	-2.294189	1	1 CTD-2207P18.1	--
ENSG00000258428	3.724485	-2.294189	1	1 RP11-1085N6.2	--
ENSG00000258553	3.724485	-2.294189	1	1 RP11-16B13.1	--
ENSG00000258571	3.724485	-2.294189	1	1 PTTG4P	K06635
ENSG00000258615	3.724485	-2.294189	1	1 RP11-725G5.3	--
ENSG00000258632	3.724485	-2.294189	1	1 RP11-354B3.1	K02898
ENSG00000258679	3.724485	-2.294189	1	1 RP11-74M13.4	K16197
ENSG00000258717	3.724485	-2.294189	1	1 RP11-566J3.2	--
ENSG00000258789	3.724485	-2.294189	1	1 RP11-507K2.3	--
ENSG00000258815	3.724485	-2.294189	1	1 RP11-408B11.2	--
ENSG00000258823	3.724485	-2.294189	1	1 CTD-2555K7.3	--
ENSG00000258845	3.724485	-2.294189	1	1 RP11-945F5.1	--
ENSG00000258917	3.724485	-2.294189	1	1 ZMYND19P1	--
ENSG00000259002	3.724485	-2.294189	1	1 RP11-671J11.7	--
ENSG00000259078	3.724485	-2.294189	1	1 PTBP1P	K13218
ENSG00000259215	3.724485	-2.294189	1	1 RP11-253M7.4	--
ENSG00000259232	3.724485	-2.294189	1	1 RP11-349G13.1	K13202
ENSG00000259268	3.724485	-2.294189	1	1 AC007950.1	--
ENSG00000259335	3.724485	-2.294189	1	1 HNRNPMP1	K12887
ENSG00000259351	3.724485	-2.294189	1	1 RP11-111E14.1	--
ENSG00000259378	3.724485	-2.294189	1	1 DCAF13P3	K11806
ENSG00000259405	3.724485	-2.294189	1	1 ISCA1P4	K13628

ENSG00000259410	3.724485	-2.294189	1	1 RP11-34F13.3	-
ENSG00000259411	3.724485	-2.294189	1	1 HNRNPA1P45	K12741
ENSG00000259414	3.724485	-2.294189	1	1 HERC2P7	K10595
ENSG00000259429	3.724485	-2.294189	1	1 UBE2Q2P3	K10582
ENSG00000259473	3.724485	-2.294189	1	1 RP11-96C21.1	-
ENSG00000259474	3.724485	-2.294189	1	1 RP11-650L12.1	-
ENSG00000259504	3.724485	-2.294189	1	1 RP11-352D13.5	-
ENSG00000259536	3.724485	-2.294189	1	1 RP11-111A22.1	-
ENSG00000259563	3.724485	-2.294189	1	1 CTD-2329K10.1	-
ENSG00000259570	3.724485	-2.294189	1	1 RP11-671M22.4	-
ENSG00000259645	3.724485	-2.294189	1	1 RP11-253M7.6	-
ENSG00000259730	3.724485	-2.294189	1	1 CTD-2007H18.1	-
ENSG00000259735	3.724485	-2.294189	1	1 RP11-356M20.3	-
ENSG00000259754	3.724485	-2.294189	1	1 RP11-208K4.1	-
ENSG00000259876	3.724485	-2.294189	1	1 CTD-3037G24.4	-
ENSG00000259924	3.724485	-2.294189	1	1 RP11-16E23.4	K09520
ENSG00000259928	3.724485	-2.294189	1	1 RP11-218M11.1	-
ENSG00000259964	3.724485	-2.294189	1	1 RP11-673C5.2	-
ENSG00000260013	3.724485	-2.294189	1	1 APOOP5	-
ENSG00000260038	3.724485	-2.294189	1	1 RP11-407G23.4	-
ENSG00000260047	3.724485	-2.294189	1	1 RP11-989E6.2	K14009
ENSG00000260185	3.724485	-2.294189	1	1 RP11-432I5.6	-
ENSG00000260239	3.724485	-2.294189	1	1 RP11-274H24.1	-
ENSG00000260347	3.724485	-2.294189	1	1 MOCS1P1	K03639
ENSG00000260369	3.724485	-2.294189	1	1 CTD-2526A2.2	-
ENSG00000260488	3.724485	-2.294189	1	1 RP11-166B2.7	-
ENSG00000260602	3.724485	-2.294189	1	1 HMG2N2P40	K11300
ENSG00000260619	3.724485	-2.294189	1	1 RP11-775C24.3	-
ENSG00000260631	3.724485	-2.294189	1	1 RBM22P12	K12872
ENSG00000260657	3.724485	-2.294189	1	1 RP11-315D16.4	-
ENSG00000260685	3.724485	-2.294189	1	1 RP11-326L17.1	-
ENSG00000260738	3.724485	-2.294189	1	1 LINC00554	-
ENSG00000260776	3.724485	-2.294189	1	1 RP11-114H24.2	K10595
ENSG00000260865	3.724485	-2.294189	1	1 CTA-331F8.1	-
ENSG00000260870	3.724485	-2.294189	1	1 RP11-358M11.4	K03966
ENSG00000260895	3.724485	-2.294189	1	1 RP11-554A11.7	-
ENSG00000260903	3.724485	-2.294189	1	1 XKR7	-
ENSG00000260971	3.724485	-2.294189	1	1 RP11-504A18.1	-
ENSG00000261024	3.724485	-2.294189	1	1 GS1-279B7.1	-
ENSG00000261044	3.724485	-2.294189	1	1 AP006547.3	-
ENSG00000261092	3.724485	-2.294189	1	1 RP11-21B23.2	-
ENSG00000261096	3.724485	-2.294189	1	1 RP11-690I21.2	-
ENSG00000261124	3.724485	-2.294189	1	1 AC135050.5	-
ENSG00000261131	3.724485	-2.294189	1	1 RP11-93O14.2	-
ENSG00000261186	3.724485	-2.294189	1	1 RP11-341N2.1	-
ENSG00000261242	3.724485	-2.294189	1	1 CTD-2302E22.4	-
ENSG00000261320	3.724485	-2.294189	1	1 RP11-297D21.2	-
ENSG00000261341	3.724485	-2.294189	1	1 CTD-2568A17.1	-
ENSG00000261407	3.724485	-2.294189	1	1 RP11-326A19.3	-
ENSG00000261433	3.724485	-2.294189	1	1 CTC-297N7.1	-
ENSG00000261439	3.724485	-2.294189	1	1 CTD-2050B12.2	-
ENSG00000261512	3.724485	-2.294189	1	1 RP11-46D6.1	-
ENSG00000261524	3.724485	-2.294189	1	1 ABCB10P3	K05657
ENSG00000261620	3.724485	-2.294189	1	1 HMG2N2P41	K11300
ENSG00000261644	3.724485	-2.294189	1	1 RP11-327F22.2	-
ENSG00000261656	3.724485	-2.294189	1	1 CTD-2258A20.5	-
ENSG00000261687	3.724485	-2.294189	1	1 RP11-473C18.3	-
ENSG00000261774	3.724485	-2.294189	1	1 RP11-328J14.2	-

ENSG00000261790	3.724485	-2.294189	1	1 AC005606.14	--
ENSG00000261803	3.724485	-2.294189	1	1 RP11-434E6.2	--
ENSG00000261925	3.724485	-2.294189	1	1 RP11-388M20.9	--
ENSG00000261959	3.724485	-2.294189	1	1 RP11-893F2.14	--
ENSG00000261963	3.724485	-2.294189	1	1 RP11-74E22.4	K16452
ENSG00000262133	3.724485	-2.294189	1	1 RP11-676J12.6	--
ENSG00000262155	3.724485	-2.294189	1	1 RP11-266L9.5	--
ENSG00000262179	3.724485	-2.294189	1	1 RP1-302G2.5	--
ENSG00000262370	3.724485	-2.294189	1	1 RP11-473M20.9	--
ENSG00000262480	3.724485	-2.294189	1	1 SAMD11P1	--
ENSG00000262514	3.724485	-2.294189	1	1 RP11-96D1.9	--
ENSG00000262662	3.724485	-2.294189	1	1 CTD-2561B21.3	--
ENSG00000262759	3.724485	-2.294189	1	1 MRPS21P9	--
ENSG00000262870	3.724485	-2.294189	1	1 CYCSP40	--
ENSG00000262874	3.724485	-2.294189	1	1 C19orf84	--
ENSG00000262905	3.724485	-2.294189	1	1 RP5-1029F21.2	--
ENSG00000262943	3.724485	-2.294189	1	1 ALOX12P2	K00458
ENSG00000262983	3.724485	-2.294189	1	1 AF001550.7	--
ENSG00000263017	3.724485	-2.294189	1	1 RP11-356I18.1	--
ENSG00000263164	3.724485	-2.294189	1	1 RP11-333E1.2	--
ENSG00000263279	3.724485	-2.294189	1	1 RP11-109M19.1	--
ENSG00000263338	3.724485	-2.294189	1	1 RP11-235E17.3	--
ENSG00000263383	3.724485	-2.294189	1	1 AC005549.1	--
ENSG00000263389	3.724485	-2.294189	1	1 MIR3973	--
ENSG00000263466	3.724485	-2.294189	1	1 RP1-56K13.2	--
ENSG00000263584	3.724485	-2.294189	1	1 MIR4480	--
ENSG00000263607	3.724485	-2.294189	1	1 RN7SL80P	--
ENSG00000263648	3.724485	-2.294189	1	1 RP11-471L13.3	K10420
ENSG00000263762	3.724485	-2.294189	1	1 MIR4286	--
ENSG00000263887	3.724485	-2.294189	1	1 RP11-51L5.5	K11837
ENSG00000263913	3.724485	-2.294189	1	1 AC004812.1	--
ENSG00000263975	3.724485	-2.294189	1	1 CTB-58E17.9	--
ENSG00000263995	3.724485	-2.294189	1	1 AC011499.1	--
ENSG00000264017	3.724485	-2.294189	1	1 RN7SL336P	--
ENSG00000264127	3.724485	-2.294189	1	1 SCML2P1	--
ENSG00000264213	3.724485	-2.294189	1	1 RN7SL324P	--
ENSG00000264216	3.724485	-2.294189	1	1 NOS2P1	K13241
ENSG00000264224	3.724485	-2.294189	1	1 AC004655.1	--
ENSG00000264256	3.724485	-2.294189	1	1 AC025166.1	--
ENSG00000264308	3.724485	-2.294189	1	1 AL121897.1	--
ENSG00000264317	3.724485	-2.294189	1	1 RN7SL154P	--
ENSG00000264408	3.724485	-2.294189	1	1 MIR4470	--
ENSG00000264627	3.724485	-2.294189	1	1 RN7SL820P	--
ENSG00000264735	3.724485	-2.294189	1	1 RP11-498C9.17	--
ENSG00000264843	3.724485	-2.294189	1	1 RP11-856M7.2	--
ENSG00000264853	3.724485	-2.294189	1	1 RP11-16C1.2	--
ENSG00000264895	3.724485	-2.294189	1	1 RP11-421E14.2	--
ENSG00000264947	3.724485	-2.294189	1	1 hsa-mir-3181	--
ENSG00000264994	3.724485	-2.294189	1	1 SNORD92	--
ENSG00000265068	3.724485	-2.294189	1	1 AL591377.1	--
ENSG00000265089	3.724485	-2.294189	1	1 MIR4655	--
ENSG00000265218	3.724485	-2.294189	1	1 RP11-927P21.1	--
ENSG00000265261	3.724485	-2.294189	1	1 RP11-162A12.3	K14288
ENSG00000265289	3.724485	-2.294189	1	1 AC104984.4	--
ENSG00000265314	3.724485	-2.294189	1	1 MIR548AH	--
ENSG00000265342	3.724485	-2.294189	1	1 RP11-16C1.1	--
ENSG00000265445	3.724485	-2.294189	1	1 RP11-849N15.1	--
ENSG00000265450	3.724485	-2.294189	1	1 MIR4502	--

ENSG00000265462	3.724485	-2.294189	1	1 MIR3680-1	--
ENSG00000265496	3.724485	-2.294189	1	1 MIR1539	--
ENSG00000265648	3.724485	-2.294189	1	1 RN7SL279P	--
ENSG00000265654	3.724485	-2.294189	1	1 AL513547.1	--
ENSG00000265660	3.724485	-2.294189	1	1 MIR4664	--
ENSG00000265713	3.724485	-2.294189	1	1 RP11-82O19.2	--
ENSG00000265715	3.724485	-2.294189	1	1 MIR3118-1	--
ENSG00000265798	3.724485	-2.294189	1	1 RP11-271K11.5	--
ENSG00000265820	3.724485	-2.294189	1	1 MIR3177	--
ENSG00000265907	3.724485	-2.294189	1	1 RP11-737O24.2	--
ENSG00000265908	3.724485	-2.294189	1	1 RP11-20B24.6	--
ENSG00000265939	3.724485	-2.294189	1	1 UBE2CP2	--
ENSG00000265944	3.724485	-2.294189	1	1 C18orf64	--
ENSG00000265948	3.724485	-2.294189	1	1 RP11-296E23.2	--
ENSG00000266017	3.724485	-2.294189	1	1 MIR4477A	--
ENSG00000266097	3.724485	-2.294189	1	1 MIR5192	--
ENSG00000266155	3.724485	-2.294189	1	1 RP11-927P21.6	--
ENSG00000266315	3.724485	-2.294189	1	1 MIR4668	--
ENSG00000266465	3.724485	-2.294189	1	1 AC025165.1	--
ENSG00000266467	3.724485	-2.294189	1	1 RN7SL220P	--
ENSG00000266538	3.724485	-2.294189	1	1 RP11-385D13.3	--
ENSG00000266654	3.724485	-2.294189	1	1 RP11-1376P16.1	--
ENSG00000266657	3.724485	-2.294189	1	1 AL583842.3	--
ENSG00000266728	3.724485	-2.294189	1	1 AC015688.3	K10093
ENSG00000266783	3.724485	-2.294189	1	1 RP11-715F3.2	--
ENSG00000266801	3.724485	-2.294189	1	1 RP11-521L9.2	--
ENSG00000266832	3.724485	-2.294189	1	1 AL445464.1	--
ENSG00000266895	3.724485	-2.294189	1	1 CTC-268N12.2	--
ENSG00000266897	3.724485	-2.294189	1	1 AC005546.2	--
ENSG00000266913	3.724485	-2.294189	1	1 CTC-548K16.2	--
ENSG00000266953	3.724485	-2.294189	1	1 RP11-618P17.4	K14801
ENSG00000266957	3.724485	-2.294189	1	1 RP11-49K24.4	--
ENSG00000266959	3.724485	-2.294189	1	1 AC005786.3	K02993
ENSG00000266990	3.724485	-2.294189	1	1 AC004528.4	--
ENSG00000267006	3.724485	-2.294189	1	1 CTC-448F2.4	--
ENSG00000267009	3.724485	-2.294189	1	1 RP11-120M18.2	--
ENSG00000267011	3.724485	-2.294189	1	1 CTB-50L17.16	--
ENSG00000267025	3.724485	-2.294189	1	1 AC015849.19	--
ENSG00000267051	3.724485	-2.294189	1	1 RP11-128P17.2	--
ENSG00000267052	3.724485	-2.294189	1	1 CTB-30L5.1	--
ENSG00000267069	3.724485	-2.294189	1	1 RP11-64C12.8	--
ENSG00000267078	3.724485	-2.294189	1	1 RP11-666A8.9	--
ENSG00000267122	3.724485	-2.294189	1	1 AC004490.1	--
ENSG00000267127	3.724485	-2.294189	1	1 RP11-795F19.5	--
ENSG00000267179	3.724485	-2.294189	1	1 ZNF763	K09228
ENSG00000267218	3.724485	-2.294189	1	1 AC005336.5	K10908
ENSG00000267274	3.724485	-2.294189	1	1 CTD-2006C1.12	--
ENSG00000267296	3.724485	-2.294189	1	1 CEBPA-AS1	--
ENSG00000267319	3.724485	-2.294189	1	1 CTD-2528L19.3	K09228
ENSG00000267322	3.724485	-2.294189	1	1 SCARNA17	--
ENSG00000267334	3.724485	-2.294189	1	1 CTD-2534I21.8	--
ENSG00000267346	3.724485	-2.294189	1	1 EIF5AP3	K03263
ENSG00000267405	3.724485	-2.294189	1	1 CTC-296K1.4	--
ENSG00000267406	3.724485	-2.294189	1	1 CTD-2189E23.2	--
ENSG00000267455	3.724485	-2.294189	1	1 RP11-78A19.2	--
ENSG00000267491	3.724485	-2.294189	1	1 CTD-2373H9.5	--
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ENSG00000267539	3.724485	-2.294189	1	1 RP11-138H8.7	--

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ENSG00000183773	-3.68859	-2.060656	1	1 AIFM3	-
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ENSG00000184206	-3.68859	-2.060656	1	1 GOLGA6L4	K10595
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ENSG00000184750	-3.68859	-2.060656	1	1 MAGEA2	-
ENSG00000185162	-3.68859	-2.060656	1	1 AP001324.1	-
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ENSG00000185523	-3.68859	-2.060656	1	1 C1orf227	-
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ENSG00000197180	-3.68859	-2.060656	1	1 BX936347.1	-
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ENSG00000199331	-3.68859	-2.060656	1	1 Y_RNA	-
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ENSG00000199890	-3.68859	-2.060656	1	1 Y_RNA	-
ENSG00000199933	-3.68859	-2.060656	1	1 Y_RNA	-
ENSG00000199936	-3.68859	-2.060656	1	1 Y_RNA	-
ENSG00000200253	-3.68859	-2.060656	1	1 RNU6-529P	-
ENSG00000200344	-3.68859	-2.060656	1	1 Y_RNA	-
ENSG00000200376	-3.68859	-2.060656	1	1 RNU5E-10P	-
ENSG00000200502	-3.68859	-2.060656	1	1 Y_RNA	-
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ENSG00000207313	-3.68859	-2.060656	1	1 SNORA2B	-
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ENSG00000230260	-3.68859	-2.060656	1	1 RP11-75C23.1	-
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ENSG00000235908	-3.68859	-2.060656	1	1 RHOA-IT1	-
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ENSG00000237233	-3.68859	-2.060656	1	1 RP11-809M12.1	-
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ENSG00000237609	-3.68859	-2.060656	1	1 AF064858.10	-
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ENSG00000238258	-3.68859	-2.060656	1	1 RP11-342D11.2	-
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ENSG00000238824	-3.68859	-2.060656	1	1 snoU13	-
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ENSG00000239912	-3.68859	-2.060656	1	1 RPL39P36	K02924
ENSG00000239948	-3.68859	-2.060656	1	1 RN7SL368P	-
ENSG00000240455	-3.68859	-2.060656	1	1 RN7SL671P	-
ENSG00000240463	-3.68859	-2.060656	1	1 RPS19P3	K02966
ENSG00000240497	-3.68859	-2.060656	1	1 RP11-185E8.1	-
ENSG00000240522	-3.68859	-2.060656	1	1 RPL7AP10	K02936
ENSG00000240724	-3.68859	-2.060656	1	1 RPS12P15	-
ENSG00000241217	-3.68859	-2.060656	1	1 RN7SL809P	-
ENSG00000241352	-3.68859	-2.060656	1	1 RP11-392P7.1	K02991
ENSG00000241464	-3.68859	-2.060656	1	1 RPL39P38	K02924
ENSG00000241520	-3.68859	-2.060656	1	1 AC098820.4	-
ENSG00000241556	-3.68859	-2.060656	1	1 RP11-490G8.1	K02905
ENSG00000241635	-3.68859	-2.060656	1	1 UGT1A8	K00699

ENSG00000241745	-3.68859	-2.060656	1	1 RN7SL788P	--
ENSG00000241770	-3.68859	-2.060656	1	1 RP11-555M1.3	--
ENSG00000241818	-3.68859	-2.060656	1	1 RP11-1000B6.2	--
ENSG00000242095	-3.68859	-2.060656	1	1 RN7SL113P	--
ENSG00000242375	-3.68859	-2.060656	1	1 RP11-498P14.3	--
ENSG00000242412	-3.68859	-2.060656	1	1 DBIL5P2	--
ENSG00000242951	-3.68859	-2.060656	1	1 RP11-507E23.1	K02974
ENSG00000242992	-3.68859	-2.060656	1	1 FTH1P4	K00522
ENSG00000243339	-3.68859	-2.060656	1	1 RN7SL738P	--
ENSG00000243637	-3.68859	-2.060656	1	1 AC019221.4	--
ENSG00000243672	-3.68859	-2.060656	1	1 RPS3AP40	K02984
ENSG00000244040	-3.68859	-2.060656	1	1 IL12A-AS1	--
ENSG00000244137	-3.68859	-2.060656	1	1 RP11-99J16__A.2	--
ENSG00000246016	-3.68859	-2.060656	1	1 RP11-1C1.7	--
ENSG00000247774	-3.68859	-2.060656	1	1 PCED1B-AS1	--
ENSG00000248234	-3.68859	-2.060656	1	1 CTD-2108O9.4	K02901
ENSG00000248254	-3.68859	-2.060656	1	1 AC092597.3	--
ENSG00000248515	-3.68859	-2.060656	1	1 RP11-608O21.1	--
ENSG00000248590	-3.68859	-2.060656	1	1 GLDCP1	K00281
ENSG00000248696	-3.68859	-2.060656	1	1 AC011406.2	--
ENSG00000248713	-3.68859	-2.060656	1	1 RP11-766F14.2	--
ENSG00000248746	-3.68859	-2.060656	1	1 ACTN3	K05699
ENSG00000248996	-3.68859	-2.060656	1	1 RP11-1334A24.6	--
ENSG00000249006	-3.68859	-2.060656	1	1 RP11-317B7.2	K14416
ENSG00000249085	-3.68859	-2.060656	1	1 CTD-2631K10.1	--
ENSG00000249140	-3.68859	-2.060656	1	1 PRDX2P3	K03386
ENSG00000249212	-3.68859	-2.060656	1	1 ATP1B1P1	K01540
ENSG00000249240	-3.68859	-2.060656	1	1 AC069368.3	--
ENSG00000249286	-3.68859	-2.060656	1	1 CTD-2210P15.2	K01611
ENSG00000249304	-3.68859	-2.060656	1	1 RP11-26P13.2	--
ENSG00000249378	-3.68859	-2.060656	1	1 LINC01060	--
ENSG00000249526	-3.68859	-2.060656	1	1 CTB-35F21.1	--
ENSG00000249532	-3.68859	-2.060656	1	1 MIR302B	--
ENSG00000249593	-3.68859	-2.060656	1	1 CTB-46B19.2	--
ENSG00000249602	-3.68859	-2.060656	1	1 RP11-98D18.3	--
ENSG00000249655	-3.68859	-2.060656	1	1 CTC-325J23.2	--
ENSG00000249691	-3.68859	-2.060656	1	1 RP11-445J14.1	--
ENSG00000249898	-3.68859	-2.060656	1	1 CTD-2541M15.1	--
ENSG00000250734	-3.68859	-2.060656	1	1 RP11-404E16.1	--
ENSG00000251131	-3.68859	-2.060656	1	1 CTD-2035E11.3	--
ENSG00000251155	-3.68859	-2.060656	1	1 RP11-384K6.4	K16941
ENSG00000251537	-3.68859	-2.060656	1	1 RP11-385D13.1	K10266
ENSG00000251556	-3.68859	-2.060656	1	1 RP11-118M9.3	--
ENSG00000251576	-3.68859	-2.060656	1	1 RP11-536I6.1	--
ENSG00000251598	-3.68859	-2.060656	1	1 RP11-789C2.1	--
ENSG00000251667	-3.68859	-2.060656	1	1 RP11-844P9.3	K11864
ENSG00000251739	-3.68859	-2.060656	1	1 RNU6-1053P	--
ENSG00000251806	-3.68859	-2.060656	1	1 SNORD119	--
ENSG00000252106	-3.68859	-2.060656	1	1 Y_RNA	--
ENSG00000252334	-3.68859	-2.060656	1	1 RNU6-1337P	--
ENSG00000252390	-3.68859	-2.060656	1	1 RNU5F-4P	--
ENSG00000252464	-3.68859	-2.060656	1	1 RN7SKP70	--
ENSG00000252498	-3.68859	-2.060656	1	1 RNU6-1016P	--
ENSG00000252643	-3.68859	-2.060656	1	1 RNU6-1136P	--
ENSG00000252896	-3.68859	-2.060656	1	1 AC067957.1	--
ENSG00000252933	-3.68859	-2.060656	1	1 RNU6-1223P	--
ENSG00000252942	-3.68859	-2.060656	1	1 RNA5SP290	--
ENSG00000253054	-3.68859	-2.060656	1	1 RNU7-77P	--

ENSG00000253154	-3.68859	-2.060656	1	1 CTA-392E5.1	-
ENSG00000253516	-3.68859	-2.060656	1	1 HMGB1P41	K10802
ENSG00000253774	-3.68859	-2.060656	1	1 CTD-3023L14.1	-
ENSG00000253898	-3.68859	-2.060656	1	1 RP11-51M18.1	-
ENSG00000253972	-3.68859	-2.060656	1	1 RP11-4K16.2	-
ENSG00000254063	-3.68859	-2.060656	1	1 DUXAP2	-
ENSG00000254226	-3.68859	-2.060656	1	1 CTB-12O2.1	-
ENSG00000254339	-3.68859	-2.060656	1	1 RP11-267L5.1	-
ENSG00000254503	-3.68859	-2.060656	1	1 CTD-2521M24.4	K12581
ENSG00000254671	-3.68859	-2.060656	1	1 STT3A-AS1	-
ENSG00000254739	-3.68859	-2.060656	1	1 RP13-46H24.1	-
ENSG00000254852	-3.68859	-2.060656	1	1 NPIPA2	K01896
ENSG00000254985	-3.68859	-2.060656	1	1 RSF1-IT2	-
ENSG00000255108	-3.68859	-2.060656	1	1 AP006621.8	-
ENSG00000255124	-3.68859	-2.060656	1	1 RP11-680F20.5	-
ENSG00000255169	-3.68859	-2.060656	1	1 RP11-646J21.3	-
ENSG00000255237	-3.68859	-2.060656	1	1 RP13-317D12.3	-
ENSG00000255322	-3.68859	-2.060656	1	1 RP11-22P4.1	-
ENSG00000255477	-3.68859	-2.060656	1	1 RP11-63D14.1	-
ENSG00000255572	-3.68859	-2.060656	1	1 RP11-273B20.3	-
ENSG00000255647	-3.68859	-2.060656	1	1 AC093510.1	-
ENSG00000255748	-3.68859	-2.060656	1	1 AC226150.4	-
ENSG00000255823	-3.68859	-2.060656	1	1 MTRNR2L8	K01982
ENSG00000255836	-3.68859	-2.060656	1	1 RP11-157G21.2	-
ENSG00000255933	-3.68859	-2.060656	1	1 RP11-495K9.5	-
ENSG00000255970	-3.68859	-2.060656	1	1 RP11-43N5.1	-
ENSG00000256039	-3.68859	-2.060656	1	1 RP11-291B21.2	-
ENSG00000256155	-3.68859	-2.060656	1	1 RP11-277P12.9	-
ENSG00000256356	-3.68859	-2.060656	1	1 HSPA8P5	K03283
ENSG00000256538	-3.68859	-2.060656	1	1 RP11-847H18.3	-
ENSG00000257184	-3.68859	-2.060656	1	1 RP1-170O19.20	K09294
ENSG00000257501	-3.68859	-2.060656	1	1 RP11-1016B18.1	-
ENSG00000257569	-3.68859	-2.060656	1	1 GSTP1P1	K00799
ENSG00000257624	-3.68859	-2.060656	1	1 RP1-128M12.3	-
ENSG00000257735	-3.68859	-2.060656	1	1 RP11-370I10.6	-
ENSG00000258128	-3.68859	-2.060656	1	1 MKRN9P	K15687
ENSG00000258343	-3.68859	-2.060656	1	1 RP11-536G4.2	-
ENSG00000258365	-3.68859	-2.060656	1	1 RP11-1105G2.3	-
ENSG00000258684	-3.68859	-2.060656	1	1 BMS1P16	K14569
ENSG00000258733	-3.68859	-2.060656	1	1 CTD-2341M24.1	-
ENSG00000258760	-3.68859	-2.060656	1	1 CTD-2509G16.5	-
ENSG00000258938	-3.68859	-2.060656	1	1 RP11-317N8.5	-
ENSG00000258959	-3.68859	-2.060656	1	1 RP11-1017G21.4	-
ENSG00000259079	-3.68859	-2.060656	1	1 RP1-261D10.1	-
ENSG00000259083	-3.68859	-2.060656	1	1 RP11-407N17.4	-
ENSG00000259262	-3.68859	-2.060656	1	1 NDUFA3P4	K03947
ENSG00000259348	-3.68859	-2.060656	1	1 RP11-4G2.1	-
ENSG00000259358	-3.68859	-2.060656	1	1 RP11-456J20.1	-
ENSG00000259371	-3.68859	-2.060656	1	1 RP11-468E2.6	K11801
ENSG00000259402	-3.68859	-2.060656	1	1 RP11-30K9.4	-
ENSG00000259407	-3.68859	-2.060656	1	1 RP11-158M2.3	-
ENSG00000259415	-3.68859	-2.060656	1	1 RP11-7M10.2	-
ENSG00000259441	-3.68859	-2.060656	1	1 MRPL15P1	K02876
ENSG00000259467	-3.68859	-2.060656	1	1 NDUFAF4P1	K18161
ENSG00000259480	-3.68859	-2.060656	1	1 RP11-26F2.1	K12200
ENSG00000259532	-3.68859	-2.060656	1	1 RP11-138H8.2	-
ENSG00000259780	-3.68859	-2.060656	1	1 RP11-304L19.12	-
ENSG00000259882	-3.68859	-2.060656	1	1 RP11-293B20.2	-

ENSG00000259985	-3.68859	-2.060656	1	1 RP11-549B18.1	--
ENSG00000260035	-3.68859	-2.060656	1	1 CTD-2651B20.6	--
ENSG00000260198	-3.68859	-2.060656	1	1 RP11-441F2.2	--
ENSG00000260281	-3.68859	-2.060656	1	1 RP11-329J18.2	--
ENSG00000260350	-3.68859	-2.060656	1	1 RP11-152P23.2	--
ENSG00000260439	-3.68859	-2.060656	1	1 LA16c-366D3.1	--
ENSG00000260475	-3.68859	-2.060656	1	1 RP11-85A1.3	--
ENSG00000260509	-3.68859	-2.060656	1	1 RP11-271M24.2	--
ENSG00000260729	-3.68859	-2.060656	1	1 RP11-106M3.2	--
ENSG00000260871	-3.68859	-2.060656	1	1 CTD-2373J6.1	--
ENSG00000261019	-3.68859	-2.060656	1	1 RP11-111K18.2	--
ENSG00000261064	-3.68859	-2.060656	1	1 RP11-1000B6.3	--
ENSG00000261141	-3.68859	-2.060656	1	1 RP11-303E16.5	--
ENSG00000261191	-3.68859	-2.060656	1	1 RP11-16L14.2	--
ENSG00000261240	-3.68859	-2.060656	1	1 RP11-304L19.4	--
ENSG00000261317	-3.68859	-2.060656	1	1 RP11-566K11.5	--
ENSG00000261465	-3.68859	-2.060656	1	1 RP11-626G11.5	--
ENSG00000261469	-3.68859	-2.060656	1	1 RP11-96D1.6	--
ENSG00000261476	-3.68859	-2.060656	1	1 RP11-77K12.3	--
ENSG00000261481	-3.68859	-2.060656	1	1 RP11-77H9.6	--
ENSG00000261654	-3.68859	-2.060656	1	1 RP11-96K19.4	--
ENSG00000261783	-3.68859	-2.060656	1	1 RP11-252K23.2	--
ENSG00000261827	-3.68859	-2.060656	1	1 RP11-340F14.5	--
ENSG00000262165	-3.68859	-2.060656	1	1 RP11-81A22.5	--
ENSG00000262223	-3.68859	-2.060656	1	1 RP11-1055B8.3	--
ENSG00000262372	-3.68859	-2.060656	1	1 RP11-669E14.6	--
ENSG00000262583	-3.68859	-2.060656	1	1 RP11-77K12.5	K19362
ENSG00000262732	-3.68859	-2.060656	1	1 CTD-2135D7.2	--
ENSG00000263051	-3.68859	-2.060656	1	1 RP11-565F19.3	--
ENSG00000263220	-3.68859	-2.060656	1	1 RP11-420A6.2	--
ENSG00000263660	-3.68859	-2.060656	1	1 AC087793.1	--
ENSG00000263931	-3.68859	-2.060656	1	1 RP11-180P8.1	--
ENSG00000264067	-3.68859	-2.060656	1	1 RP11-401O9.3	--
ENSG00000264176	-3.68859	-2.060656	1	1 MAGOH2	K12877
ENSG00000264265	-3.68859	-2.060656	1	1 RP11-14P20.1	--
ENSG00000264324	-3.68859	-2.060656	1	1 RP11-287D1.3	K13857
ENSG00000264349	-3.68859	-2.060656	1	1 MIR4258	--
ENSG00000264508	-3.68859	-2.060656	1	1 RN7SL473P	--
ENSG00000264520	-3.68859	-2.060656	1	1 RP4-777O23.2	--
ENSG00000264812	-3.68859	-2.060656	1	1 RP13-20L14.4	--
ENSG00000264931	-3.68859	-2.060656	1	1 MIR3138	--
ENSG00000265321	-3.68859	-2.060656	1	1 MIR4263	--
ENSG00000265403	-3.68859	-2.060656	1	1 AC015884.1	--
ENSG00000265528	-3.68859	-2.060656	1	1 AC092316.2	--
ENSG00000265574	-3.68859	-2.060656	1	1 CTD-2095E4.1	--
ENSG00000265943	-3.68859	-2.060656	1	1 RP11-739L10.1	--
ENSG00000266098	-3.68859	-2.060656	1	1 AL137127.1	--
ENSG00000266126	-3.68859	-2.060656	1	1 RP11-209D14.4	--
ENSG00000266164	-3.68859	-2.060656	1	1 RN7SL758P	--
ENSG00000266542	-3.68859	-2.060656	1	1 MIR5572	--
ENSG00000266843	-3.68859	-2.060656	1	1 AL360007.1	--
ENSG00000266941	-3.68859	-2.060656	1	1 AC104532.3	--
ENSG00000266942	-3.68859	-2.060656	1	1 RP11-378E13.3	--
ENSG00000266980	-3.68859	-2.060656	1	1 RP11-552F3.4	--
ENSG00000267092	-3.68859	-2.060656	1	1 CTB-25B13.9	--
ENSG00000267117	-3.68859	-2.060656	1	1 AC010525.4	--
ENSG00000267302	-3.68859	-2.060656	1	1 RP11-178C3.2	--
ENSG00000267385	-3.68859	-2.060656	1	1 CTB-50L17.14	K04613

ENSG00000267470	-3.68859	-2.060656	1	1 ZNF571-AS1	--
ENSG00000267476	-3.68859	-2.060656	1	1 RP11-126O1.4	--
ENSG00000267551	-3.68859	-2.060656	1	1 AC005264.2	--
ENSG00000267605	-3.68859	-2.060656	1	1 CTD-3220F14.1	--
ENSG00000267654	-3.68859	-2.060656	1	1 RP11-973H7.4	--
ENSG00000267711	-3.68859	-2.060656	1	1 RP11-686D22.5	--
ENSG00000267852	-3.68859	-2.060656	1	1 CTB-133G6.2	--
ENSG00000267868	-3.68859	-2.060656	1	1 RP11-120K24.3	--
ENSG00000267874	-3.68859	-2.060656	1	1 CTD-2527I21.9	--
ENSG00000267934	-3.68859	-2.060656	1	1 CTB-176F20.3	--
ENSG00000268173	-3.68859	-2.060656	1	1 PIK3R2	K02649
ENSG00000268302	-3.68859	-2.060656	1	1 AL035252.1	--
ENSG00000268466	-3.68859	-2.060656	1	1 AL132989.1	--
ENSG00000268550	-3.68859	-2.060656	1	1 AC090427.1	--
ENSG00000268751	-3.68859	-2.060656	1	1 SCGB1B2P	--
ENSG00000268788	-3.68859	-2.060656	1	1 AC110615.1	K14856
ENSG00000268838	-3.68859	-2.060656	1	1 AC027228.1	--
ENSG00000269097	-3.68859	-2.060656	1	1 AC003682.17	--
ENSG00000269153	-3.68859	-2.060656	1	1 CTD-3193O13.10	K06130
ENSG00000269431	-3.68859	-2.060656	1	1 CTB-175P5.1	K15464
ENSG00000269534	-3.68859	-2.060656	1	1 CTC-453G23.5	--
ENSG00000269652	-3.68859	-2.060656	1	1 CTD-2195B23.3	--
ENSG00000269890	-3.68859	-2.060656	1	1 RP5-1139B12.2	--
ENSG00000269919	-3.68859	-2.060656	1	1 RP1-134E15.3	--
ENSG00000269938	-3.68859	-2.060656	1	1 RP11-214K3.20	--
ENSG00000270127	-3.68859	-2.060656	1	1 RP11-526I2.5	--
ENSG00000270154	-3.68859	-2.060656	1	1 RP11-419I17.1	--
ENSG00000270540	-3.68859	-2.060656	1	1 RP11-785G17.1	--
ENSG00000270554	-3.68859	-2.060656	1	1 RP11-225N10.3	--
ENSG00000270772	-3.68859	-2.060656	1	1 RP11-332H21.2	K00161
ENSG00000270911	-3.68859	-2.060656	1	1 RP11-272L13.4	--
ENSG00000270917	-3.68859	-2.060656	1	1 RP11-27I1.6	--
ENSG00000270951	-3.68859	-2.060656	1	1 RP1-309F20.4	--
ENSG00000271011	-3.68859	-2.060656	1	1 RP11-171I2.5	--
ENSG00000271018	-3.68859	-2.060656	1	1 RP11-60E8.2	K17784
ENSG00000271237	-3.68859	-2.060656	1	1 RP11-140C5.3	--
ENSG00000271324	-3.68859	-2.060656	1	1 RP11-10C24.2	--
ENSG00000271387	-3.68859	-2.060656	1	1 RP11-382D12.2	--
ENSG00000271557	-3.68859	-2.060656	1	1 RP11-692M12.4	--
ENSG00000271806	-3.68859	-2.060656	1	1 RP5-892K4.1	--
ENSG00000271849	-3.68859	-2.060656	1	1 CTC-332L22.1	--
ENSG00000271924	-3.68859	-2.060656	1	1 5S_rRNA	--
ENSG00000271926	-3.68859	-2.060656	1	1 CTD-2376I4.1	--
ENSG00000271970	-3.68859	-2.060656	1	1 RP3-337H4.10	--
ENSG00000271973	-3.68859	-2.060656	1	1 RP11-572O6.1	--
ENSG00000272248	-3.68859	-2.060656	1	1 RP3-406P24.4	--
ENSG00000272334	-3.68859	-2.060656	1	1 RP11-129K12.1	--
ENSG00000272366	-3.68859	-2.060656	1	1 RP11-573G6.10	--
ENSG00000272389	-3.68859	-2.060656	1	1 CTC-487M23.7	--
ENSG00000272507	-3.68859	-2.060656	1	1 U6	--
ENSG00000272562	-3.68859	-2.060656	1	1 RP11-396C23.4	--
ENSG00000272582	-3.68859	-2.060656	1	1 RP5-1039K5.17	--
ENSG00000272589	-3.68859	-2.060656	1	1 ZSWIM8-AS1	--
ENSG00000272810	-3.68859	-2.060656	1	1 U91328.22	--
ENSG00000272817	-3.68859	-2.060656	1	1 RP11-402D21.2	--
ENSG00000272828	-3.68859	-2.060656	1	1 CTD-2555O16.3	--
ENSG00000273062	-3.68859	-2.060656	1	1 RP11-428K3.1	--
ENSG00000273096	-3.68859	-2.060656	1	1 RP3-508I15.20	--

ENSG00000273309	-3.68859	-2.060656	1	1 AC004410.3	-
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ENSG00000260647	-2.796355	-2.316672	1	1 RP1-178F10.1	--
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ENSG00000260818	-2.796355	-2.316672	1	1 UNGP1	K03648
ENSG00000260851	-2.796355	-2.316672	1	1 RP11-403P17.5	K00857
ENSG00000260860	-2.796355	-2.316672	1	1 RP11-615I2.3	--
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ENSG00000261037	-2.796355	-2.316672	1	1 CTC-471C19.1	--
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ENSG00000261796	-2.796355	-2.316672	1	1 ISY1-RAB43	K12870
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ENSG00000269934	-2.796355	-2.316672	1	1 RP5-1139B12.3	-
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ENSG00000269996	-2.796355	-2.316672	1	1 RP11-343N15.5	-
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ENSG00000271414	-2.796355	-2.316672	1	1 RP11-751K21.1	-
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ENSG00000225643	0.92813	-2.038698	1	1 RP11-70P17.1	-
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ENSG00000226002	0.92813	-2.038698	1	1 RP11-460N20.5	K03121
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ENSG00000226247	0.92813	-2.038698	1	1 AC005034.3	K15171
ENSG00000226310	0.92813	-2.038698	1	1 RP3-323P24.3	-
ENSG00000226438	0.92813	-2.038698	1	1 RP11-420K8.1	-
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ENSG00000264590	0.92813	-2.038698	1	1 RN7SL512P	--
ENSG00000264653	0.92813	-2.038698	1	1 MIR5194	--
ENSG00000264801	0.92813	-2.038698	1	1 RP11-149I2.5	K00772
ENSG00000265137	0.92813	-2.038698	1	1 MIR3192	--
ENSG00000265451	0.92813	-2.038698	1	1 RP11-204L24.2	--
ENSG00000265677	0.92813	-2.038698	1	1 AL137229.1	--
ENSG00000265879	0.92813	-2.038698	1	1 MIR4748	--
ENSG00000265984	0.92813	-2.038698	1	1 RP11-699A5.2	--
ENSG00000266289	0.92813	-2.038698	1	1 RP11-1C8.6	--
ENSG00000266494	0.92813	-2.038698	1	1 MIR4641	--
ENSG00000266537	0.92813	-2.038698	1	1 CTD-2510F5.2	K08694
ENSG00000266644	0.92813	-2.038698	1	1 RP11-927P21.2	--
ENSG00000266850	0.92813	-2.038698	1	1 RP11-370A5.1	--
ENSG00000266933	0.92813	-2.038698	1	1 AC005775.2	--
ENSG00000266975	0.92813	-2.038698	1	1 CTC-425F1.2	--
ENSG00000267026	0.92813	-2.038698	1	1 RP11-92C4.3	--
ENSG00000267183	0.92813	-2.038698	1	1 AC010525.6	--
ENSG00000267228	0.92813	-2.038698	1	1 IER3IP1	--
ENSG00000267345	0.92813	-2.038698	1	1 CTD-2293H3.2	--
ENSG00000267462	0.92813	-2.038698	1	1 RP11-866E20.3	--
ENSG00000267549	0.92813	-2.038698	1	1 AC006116.17	--
ENSG00000267561	0.92813	-2.038698	1	1 RP5-1052I5.2	K02513
ENSG00000267567	0.92813	-2.038698	1	1 CTD-2538C1.3	--
ENSG00000267568	0.92813	-2.038698	1	1 RP11-87G24.3	--
ENSG00000267666	0.92813	-2.038698	1	1 AC004156.3	--
ENSG00000267677	0.92813	-2.038698	1	1 RP11-27G24.1	--
ENSG00000267780	0.92813	-2.038698	1	1 RP11-154H12.3	--
ENSG00000267804	0.92813	-2.038698	1	1 RP11-665N17.4	--
ENSG00000268223	0.92813	-2.038698	1	1 ARL14EPL	--
ENSG00000268288	0.92813	-2.038698	1	1 RP11-98D18.16	--
ENSG00000268412	0.92813	-2.038698	1	1 AC013449.1	K15448
ENSG00000268520	0.92813	-2.038698	1	1 CTD-2616J11.10	--
ENSG00000268521	0.92813	-2.038698	1	1 VN1R83P	--
ENSG00000268578	0.92813	-2.038698	1	1 AL354718.1	--
ENSG00000268583	0.92813	-2.038698	1	1 CTC-453G23.8	--
ENSG00000268603	0.92813	-2.038698	1	1 RP11-316O14.1	--
ENSG00000269066	0.92813	-2.038698	1	1 CTD-2528A14.5	--

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ENSG00000269624	0.92813	-2.038698	1	1 AL138847.1	K09488
ENSG00000269753	0.92813	-2.038698	1	1 AL589739.1	-
ENSG00000269846	0.92813	-2.038698	1	1 RBL1	K04681
ENSG00000269989	0.92813	-2.038698	1	1 RP11-635N19.3	-
ENSG00000270024	0.92813	-2.038698	1	1 C8orf44-SGK3	K13304
ENSG00000270169	0.92813	-2.038698	1	1 CTC-1337H24.2	-
ENSG00000270178	0.92813	-2.038698	1	1 RP11-494H4.3	-
ENSG00000270210	0.92813	-2.038698	1	1 RP11-373D23.3	-
ENSG00000270269	0.92813	-2.038698	1	1 RP11-697H9.4	K09647
ENSG00000270285	0.92813	-2.038698	1	1 RP11-1029M24.4	K02978
ENSG00000270429	0.92813	-2.038698	1	1 KNOP1P2	-
ENSG00000270720	0.92813	-2.038698	1	1 RP11-84C13.2	-
ENSG00000270878	0.92813	-2.038698	1	1 CTD-2302E22.5	K00639
ENSG00000270919	0.92813	-2.038698	1	1 RP11-379K22.3	-
ENSG00000270986	0.92813	-2.038698	1	1 RP11-123C21.2	K10802
ENSG00000270987	0.92813	-2.038698	1	1 RP3-467N11.2	-
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ENSG00000271200	0.92813	-2.038698	1	1 RP11-430G17.3	-
ENSG00000271631	0.92813	-2.038698	1	1 RP11-408O19.5	-
ENSG00000271727	0.92813	-2.038698	1	1 RP11-532F6.4	-
ENSG00000271748	0.92813	-2.038698	1	1 MIR92B	-
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ENSG00000271847	0.92813	-2.038698	1	1 RP4-740C4.8	-
ENSG00000271893	0.92813	-2.038698	1	1 RP11-762E8.1	-
ENSG00000271913	0.92813	-2.038698	1	1 RP1-111C20.4	-
ENSG00000272100	0.92813	-2.038698	1	1 RP11-155O18.6	-
ENSG00000272110	0.92813	-2.038698	1	1 Y_RNA	-
ENSG00000272138	0.92813	-2.038698	1	1 RP11-27N21.3	-
ENSG00000272146	0.92813	-2.038698	1	1 RP11-755B10.4	-
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ENSG00000272375	0.92813	-2.038698	1	1 RP11-51J9.6	-
ENSG00000272529	0.92813	-2.038698	1	1 RP11-415F23.4	-
ENSG00000272682	0.92813	-2.038698	1	1 AC004471.10	-
ENSG00000272691	0.92813	-2.038698	1	1 RP11-290M5.4	-
ENSG00000272715	0.92813	-2.038698	1	1 RP4-753F5.1	-
ENSG00000273035	0.92813	-2.038698	1	1 RP11-449G16.1	-
ENSG00000273076	0.92813	-2.038698	1	1 RP3-508I15.22	-
ENSG00000273107	0.92813	-2.038698	1	1 RP11-165A20.3	-
ENSG00000273125	0.92813	-2.038698	1	1 RP11-115H18.1	-
ENSG00000273240	0.92813	-2.038698	1	1 RP11-455J20.3	-
ENSG00000273297	0.92813	-2.038698	1	1 RP11-38M8.1	-
ENSG00000004139	-0.907046	-1.474542	1	1 SARM1	-
ENSG000000047597	-0.907046	-1.474542	1	1 XK	K19522
ENSG000000070190	-0.907046	-1.474542	1	1 DAPP1	K12229
ENSG000000074181	-0.907046	-1.474542	1	1 NOTCH3	K02599
ENSG00000102032	-0.907046	-1.474542	1	1 RENBP	K01787
ENSG00000105967	-0.907046	-1.474542	1	1 TFEC	K15591
ENSG00000117013	-0.907046	-1.474542	1	1 KCNQ4	K04929
ENSG00000118407	-0.907046	-1.474542	1	1 FILIP1	K09228
ENSG00000123901	-0.907046	-1.474542	1	1 GPR83	K04210
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ENSG00000129682	-0.907046	-1.474542	1	1 FGF13	K04358
ENSG00000134183	-0.907046	-1.474542	1	1 GNAT2	K04631
ENSG00000140675	-0.907046	-1.474542	1	1 SLC5A2	K14382
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ENSG00000145451	-0.907046	-1.474542	1	1 GLRA3	K05195

ENSG00000155926	-0.907046	-1.474542	1	1 SLA	-
ENSG00000156140	-0.907046	-1.474542	1	1 ADAMTS3	K08619
ENSG00000160870	-0.907046	-1.474542	1	1 CYP3A7	K17691
ENSG00000164669	-0.907046	-1.474542	1	1 INTS4L1	K13141
ENSG00000167765	-0.907046	-1.474542	1	1 AC018755.1	K04613
ENSG00000169605	-0.907046	-1.474542	1	1 GKN1	-
ENSG00000171016	-0.907046	-1.474542	1	1 PYGO1	K11447
ENSG00000171827	-0.907046	-1.474542	1	1 ZNF570	K09228
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ENSG00000176732	-0.907046	-1.474542	1	1 PFN4	K05759
ENSG00000180481	-0.907046	-1.474542	1	1 GLIPR1L2	-
ENSG00000184261	-0.907046	-1.474542	1	1 KCNK12	K04921
ENSG00000185304	-0.907046	-1.474542	1	1 RGPD2	K12172
ENSG00000186451	-0.907046	-1.474542	1	1 SPATA12	-
ENSG00000187753	-0.907046	-1.474542	1	1 C9orf153	-
ENSG00000188921	-0.907046	-1.474542	1	1 PTPLAD2	K10703
ENSG00000197584	-0.907046	-1.474542	1	1 KCNMB2	K04938
ENSG00000198286	-0.907046	-1.474542	1	1 CARD11	K07367
ENSG00000198366	-0.907046	-1.474542	1	1 HIST1H3A	K11253
ENSG00000198478	-0.907046	-1.474542	1	1 SH3BGR12	-
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ENSG00000202290	-0.907046	-1.474542	1	1 RNA5SP37	-
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ENSG00000211445	-0.907046	-1.474542	1	1 GPX3	K00432
ENSG00000212396	-0.907046	-1.474542	1	1 RNA5SP323	-
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ENSG00000213144	-0.907046	-1.474542	1	1 RP11-64B16.2	-
ENSG00000214700	-0.907046	-1.474542	1	1 C12orf71	-
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ENSG00000216901	-0.907046	-1.474542	1	1 AL022393.7	-
ENSG00000217236	-0.907046	-1.474542	1	1 SP9	K09199
ENSG00000223298	-0.907046	-1.474542	1	1 RNY3P8	-
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ENSG00000224209	-0.907046	-1.474542	1	1 LINC00466	-
ENSG00000224261	-0.907046	-1.474542	1	1 RP11-179G5.1	K02998
ENSG00000226243	-0.907046	-1.474542	1	1 RPL37AP1	K02921
ENSG00000226478	-0.907046	-1.474542	1	1 UPF3AP1	K14328
ENSG00000227477	-0.907046	-1.474542	1	1 STK4-AS1	-
ENSG00000227632	-0.907046	-1.474542	1	1 AC018804.6	K16307
ENSG00000227811	-0.907046	-1.474542	1	1 FAM212B-AS1	-
ENSG00000227868	-0.907046	-1.474542	1	1 C1orf234	-
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ENSG00000228407	-0.907046	-1.474542	1	1 RP4-800M22.1	K00121
ENSG00000228510	-0.907046	-1.474542	1	1 RP11-339B21.8	K12617
ENSG00000228737	-0.907046	-1.474542	1	1 AC008781.7	-
ENSG00000229781	-0.907046	-1.474542	1	1 AC013444.1	K15216
ENSG00000229896	-0.907046	-1.474542	1	1 RP11-456H18.2	-
ENSG00000230499	-0.907046	-1.474542	1	1 AC108463.1	-
ENSG00000230606	-0.907046	-1.474542	1	1 AC159540.1	-
ENSG00000230870	-0.907046	-1.474542	1	1 FBXW11P1	K03362
ENSG00000231574	-0.907046	-1.474542	1	1 RP11-91K9.1	-
ENSG00000231595	-0.907046	-1.474542	1	1 AC005224.2	-
ENSG00000231768	-0.907046	-1.474542	1	1 RP5-855F14.1	-
ENSG00000231952	-0.907046	-1.474542	1	1 DPY19L1P2	-
ENSG00000232398	-0.907046	-1.474542	1	1 Tmprss11cp	K14359
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ENSG00000234705	-0.907046	-1.474542	1	1 HMGA1P4	--
ENSG00000235159	-0.907046	-1.474542	1	1 RP6-109B7.4	--
ENSG00000235295	-0.907046	-1.474542	1	1 XXbac-B476C20.17	--
ENSG00000236056	-0.907046	-1.474542	1	1 GAPDHP14	K00134
ENSG00000237548	-0.907046	-1.474542	1	1 TTLL11-IT1	--
ENSG00000238317	-0.907046	-1.474542	1	1 SNORD11	--
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ENSG00000240395	-0.907046	-1.474542	1	1 RPL5P23	K02932
ENSG00000242154	-0.907046	-1.474542	1	1 RP4-778K6.3	--
ENSG00000243284	-0.907046	-1.474542	1	1 VSIG8	--
ENSG00000243697	-0.907046	-1.474542	1	1 RP11-463O9.1	K02936
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ENSG00000245812	-0.907046	-1.474542	1	1 RP11-175K6.1	--
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ENSG00000248693	-0.907046	-1.474542	1	1 CTD-2023M8.1	--
ENSG00000249216	-0.907046	-1.474542	1	1 RP11-227F19.5	--
ENSG00000249319	-0.907046	-1.474542	1	1 AC068533.7	K01755
ENSG00000249937	-0.907046	-1.474542	1	1 RP11-454P21.1	--
ENSG00000250853	-0.907046	-1.474542	1	1 RNF138P1	K10668
ENSG00000251429	-0.907046	-1.474542	1	1 RP11-597D13.7	--
ENSG00000253227	-0.907046	-1.474542	1	1 RP11-383J24.1	--
ENSG00000253986	-0.907046	-1.474542	1	1 CTC-756D1.3	--
ENSG00000254373	-0.907046	-1.474542	1	1 RP11-34P1.2	K00417
ENSG00000254433	-0.907046	-1.474542	1	1 RP11-677I18.3	--
ENSG00000255458	-0.907046	-1.474542	1	1 RP11-539G18.2	--
ENSG00000255621	-0.907046	-1.474542	1	1 RP11-377D9.3	--
ENSG00000255893	-0.907046	-1.474542	1	1 RP11-685N10.1	--
ENSG00000256720	-0.907046	-1.474542	1	1 RP11-436I9.6	K14443
ENSG00000257135	-0.907046	-1.474542	1	1 RP11-320M2.1	--
ENSG00000257175	-0.907046	-1.474542	1	1 RP11-536C10.12	K11841
ENSG00000257524	-0.907046	-1.474542	1	1 RP11-203J24.9	--
ENSG00000258512	-0.907046	-1.474542	1	1 RP11-796G6.2	--
ENSG00000258646	-0.907046	-1.474542	1	1 RP11-950C14.3	--
ENSG00000258695	-0.907046	-1.474542	1	1 RP3-414A15.2	--
ENSG00000258857	-0.907046	-1.474542	1	1 RP11-247L20.3	--
ENSG00000259488	-0.907046	-1.474542	1	1 RP11-154J22.1	--
ENSG00000259727	-0.907046	-1.474542	1	1 RP11-1069G10.2	--
ENSG00000259762	-0.907046	-1.474542	1	1 RP11-158M2.4	--
ENSG00000260360	-0.907046	-1.474542	1	1 RP11-533E19.5	--
ENSG00000260777	-0.907046	-1.474542	1	1 CTD-2008P7.1	--
ENSG00000261123	-0.907046	-1.474542	1	1 RP11-304L19.3	--
ENSG00000261997	-0.907046	-1.474542	1	1 RP11-212I21.4	--
ENSG00000262152	-0.907046	-1.474542	1	1 LINC00514	--
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ENSG00000263606	-0.907046	-1.474542	1	1 RP11-737O24.3	K16729
ENSG00000263727	-0.907046	-1.474542	1	1 RP11-806L2.5	--
ENSG00000264655	-0.907046	-1.474542	1	1 CTD-2267D19.4	K03767
ENSG00000265010	-0.907046	-1.474542	1	1 RP11-661C3.2	--
ENSG00000266304	-0.907046	-1.474542	1	1 RP11-484N16.1	--
ENSG00000267016	-0.907046	-1.474542	1	1 RP11-75C10.9	--
ENSG00000267163	-0.907046	-1.474542	1	1 AC084219.3	--
ENSG00000267769	-0.907046	-1.474542	1	1 CTB-50L17.9	--
ENSG00000267778	-0.907046	-1.474542	1	1 AC004221.2	--
ENSG00000267798	-0.907046	-1.474542	1	1 RP11-333J10.3	--

ENSG00000268366	-0.907046	-1.474542	1	1 CTC-492K19.4	-
ENSG00000269814	-0.907046	-1.474542	1	1 CTC-273B12.10	-
ENSG00000270009	-0.907046	-1.474542	1	1 RP1-127C7.6	-
ENSG00000271155	-0.907046	-1.474542	1	1 RP11-435O5.5	-
ENSG00000272161	-0.907046	-1.474542	1	1 RP4-713A8.1	-
ENSG00000272386	-0.907046	-1.474542	1	1 RP11-666A8.12	-
ENSG00000272703	-0.907046	-1.474542	1	1 RP11-78A19.4	-
ENSG00000272717	-0.907046	-1.474542	1	1 RP11-342I1.2	-
ENSG00000272869	-0.907046	-1.474542	1	1 CTC-487M23.8	K03105
ENSG00000272973	-0.907046	-1.474542	1	1 KB-1125A3.11	-
ENSG00000273001	-0.907046	-1.474542	1	1 RP11-118K6.3	-
ENSG00000273253	-0.907046	-1.474542	1	1 RP3-402G11.26	-
ENSG00000000938	0.603256	-1.157594	1	1 FGR	K08891
ENSG00000064270	0.603256	-1.157594	1	1 ATP2C2	K01537
ENSG00000065923	0.603256	-1.157594	1	1 SLC9A7	K12041
ENSG00000068438	0.603256	-1.157594	1	1 FTSJ1	K14864
ENSG00000087237	0.603256	-1.157594	1	1 CETP	K16835
ENSG00000088882	0.603256	-1.157594	1	1 CPXM1	K08638
ENSG00000103811	0.603256	-1.157594	1	1 CTSH	K01366
ENSG00000107147	0.603256	-1.157594	1	1 KCNT1	K04946
ENSG00000114757	0.603256	-1.157594	1	1 PEX5L	K13342
ENSG00000123610	0.603256	-1.157594	1	1 TNFAIP6	K19018
ENSG00000126353	0.603256	-1.157594	1	1 CCR7	K04182
ENSG00000137474	0.603256	-1.157594	1	1 MYO7A	-
ENSG00000139597	0.603256	-1.157594	1	1 N4BP2L1	-
ENSG00000139914	0.603256	-1.157594	1	1 FITM1	-
ENSG00000142233	0.603256	-1.157594	1	1 NTN5	-
ENSG00000154438	0.603256	-1.157594	1	1 ASZ1	K18410
ENSG00000168126	0.603256	-1.157594	1	1 OR2W6P	K04257
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ENSG00000170468	0.603256	-1.157594	1	1 AC005280.1	K16914
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ENSG00000182511	0.603256	-1.157594	1	1 FES	K07527
ENSG00000183935	0.603256	-1.157594	1	1 HTR7P1	K04163
ENSG00000186314	0.603256	-1.157594	1	1 PRELID2	K01368
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ENSG00000226849	0.603256	-1.157594	1	1 RP4-635E18.7	-
ENSG00000230306	0.603256	-1.157594	1	1 BANF1P2	-
ENSG00000231519	0.603256	-1.157594	1	1 AC007285.7	-
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ENSG00000233818	0.603256	-1.157594	1	1 AP000695.4	-
ENSG00000234329	0.603256	-1.157594	1	1 RP11-767N6.2	K02936
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ENSG00000226472	-0.51128	-1.637813	1	1 RP11-551L14.4	--
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ENSG00000236641	-0.51128	-1.637813	1	1 CTA-221G9.7	--
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ENSG00000237263	-0.51128	-1.637813	1	1 MAPK6PS3	K06855
ENSG00000237268	-0.51128	-1.637813	1	1 RP13-492C18.2	K17299
ENSG00000239280	-0.51128	-1.637813	1	1 RP11-271C24.3	K09699
ENSG00000239405	-0.51128	-1.637813	1	1 TMED10P2	--
ENSG00000241255	-0.51128	-1.637813	1	1 RP1-89D4.1	K02974
ENSG00000241458	-0.51128	-1.637813	1	1 RPL7P19	K02937
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ENSG00000244926	-0.51128	-1.637813	1	1 ALKBH3-AS1	--
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ENSG00000249650	-0.51128	-1.637813	1	1 RP11-310P5.1	--
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ENSG00000250362	-0.51128	-1.637813	1	1 AC008592.5	--
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ENSG00000250697	-0.51128	-1.637813	1	1 CTD-2066L21.3	--
ENSG00000251323	-0.51128	-1.637813	1	1 RP11-452H21.4	--
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ENSG00000222071	0.43309	-1.453784	1	1 MIR1915	-
ENSG00000222533	0.43309	-1.453784	1	1 RNU6-705P	-
ENSG00000223714	0.43309	-1.453784	1	1 RP5-1172N10.2	-
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ENSG00000225113	0.43309	-1.453784	1	1 RP5-1160K1.3	-
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ENSG00000231119	0.43309	-1.453784	1	1 RP4-569M23.2	-
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ENSG00000255445	0.43309	-1.453784	1	1 RP11-573M3.3	-
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ENSG00000264808	0.43309	-1.453784	1	1 MIR4523	-

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ENSG00000229431	-0.207083	0.310517	1	1 RP1-92O14.6	-
ENSG00000245522	-0.207083	0.310517	1	1 RP11-540A21.2	-
ENSG00000251550	-0.207083	0.310517	1	1 RP11-501C14.7	K18171
ENSG00000255468	-0.207083	0.310517	1	1 RP11-867G23.8	K15014
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ENSG00000204164	0.187593	-0.453904	1	1 BMS1P5	K12491
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ENSG00000267280	0.130583	0.130969	1	1 RP11-332H18.4	-
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ENSG00000163141	0.120194	0.282947	1	1 BNIPL	K18448
ENSG00000231663	0.120194	0.282947	1	1 RP5-827C21.4	-
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ENSG00000269069	0.120194	0.282947	1	1 CTC-471F3.5	K12617
ENSG00000269974	0.120194	0.282947	1	1 RP11-932O9.10	-
ENSG00000272079	0.120194	0.282947	1	1 LA16c-380H5.5	-
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ENSG00000198838	-0.097857	0.532045	1	1 RYR3	K04963
ENSG00000215817	-0.097857	0.532045	1	1 ZC3H11B	-
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ENSG00000214106	-0.086347	1.5695	1	1 PAXIP1-AS2	K06115
ENSG00000129038	0.084232	1.04835	1	1 LOXL1	K14678
ENSG00000166192	0.084232	1.04835	1	1 SENP8	K08597
ENSG00000130818	0.081537	1.130798	1	1 ZNF426	K09228
ENSG00000273142	0.081537	1.130798	1	1 RP11-458F8.4	-
ENSG00000159917	-0.076267	1.292447	1	1 ZNF235	K09228
ENSG00000178226	-0.076267	1.292447	1	1 PRSS36	K09630
ENSG00000179913	-0.076267	1.292447	1	1 B3GNT3	K07970
ENSG00000217241	-0.076267	1.292447	1	1 CBX3P9	K11586
ENSG00000258057	-0.076267	1.292447	1	1 BCDIN3D-AS1	-
ENSG00000117009	-0.075601	-0.111345	1	1 KMO	K00486
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ENSG00000265242	-0.075601	-0.111345	1	1 RP11-649A18.7	-
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ENSG00000269899	-0.075601	-0.111345	1	1 RP11-589N15.2	-
ENSG00000270728	-0.075601	-0.111345	1	1 RP4-657E11.10	-
ENSG00000272144	-0.075601	-0.111345	1	1 CTD-2035E11.5	-
ENSG00000273026	-0.075601	-0.111345	1	1 RP11-422P24.10	-
ENSG00000250988	0.069005	1.60465	1	1 RP11-752G15.6	-
ENSG00000273038	0.066672	1.715663	1	1 RP11-479G22.8	-
ENSG00000144026	-0.065203	1.428533	1	1 ZNF514	K09228
ENSG00000182109	-0.065203	1.428533	1	1 RP11-69E11.4	-
ENSG00000114383	-0.060318	0.948796	1	1 TUSC2	-
ENSG00000196118	-0.060318	0.948796	1	1 C16orf93	K10696
ENSG00000232499	-0.060318	0.948796	1	1 RP11-512F24.1	K12741
ENSG00000143248	-0.059977	0.065968	1	1 RGS5	K16449
ENSG00000152042	-0.059977	0.065968	1	1 NBPF11	-
ENSG00000196388	-0.059977	0.065968	1	1 INCA1	-
ENSG00000246526	-0.059977	0.065968	1	1 RP11-539L10.2	-
ENSG00000253187	-0.059977	0.065968	1	1 HOXA10-AS	-
ENSG00000271992	-0.059977	0.065968	1	1 RP11-42O15.3	-
ENSG00000171119	-0.05608	1.552928	1	1 NRTN	-
ENSG00000271430	-0.05608	1.552928	1	1 RP3-368A4.5	-
ENSG00000027075	-0.053948	1.03662	1	1 PRKCH	K18051
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ENSG00000173825	-0.052093	1.611337	1	1 TIGD3	-
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ENSG00000235169	-0.048347	1.119423	1	1 SMIM1	-
ENSG00000124159	-0.048106	0.22391	1	1 MATN4	K06053
ENSG00000215302	-0.048106	0.22391	1	1 CTD-3092A11.1	K14559
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ENSG00000179456	-0.045047	1.72153	1	1 ZBTB18	-
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ENSG00000188368	-0.038955	1.272048	1	1 PRR19	K17985
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ENSG00000236264	-0.038782	0.366298	1	1 RPL26P30	K02898
ENSG00000248099	-0.038782	0.366298	1	1 INSL3	K05255
ENSG00000249129	-0.038782	0.366298	1	1 SUDS3P1	K19201
ENSG00000267169	-0.038782	0.366298	1	1 CTB-55O6.12	-
ENSG00000090932	0.038769	1.973042	1	1 DLL3	K06051
ENSG00000180855	0.038769	1.973042	1	1 ZNF443	K09228
ENSG00000237264	0.038769	1.973042	1	1 FTH1P11	K00522
ENSG00000162415	0.038753	1.782306	1	1 ZSWIM5	-
ENSG00000154153	0.038738	1.620653	1	1 FAM134B	-
ENSG00000129204	0.038733	1.562481	1	1 USP6	K11837
ENSG00000180938	0.038733	1.562481	1	1 ZNF572	K09228
ENSG00000253200	0.038733	1.562481	1	1 RP11-582J16.5	-
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ENSG00000109991	0.038719	1.438596	1	1 P2RX3	K05217
ENSG00000272821	0.038719	1.438596	1	1 CTA-384D8.36	-
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ENSG00000263126	0.038703	1.303077	1	1 CTC-479C5.10	-
ENSG00000074660	0.038694	1.23023	1	1 SCARF1	-
ENSG00000115363	0.038694	1.23023	1	1 EVA1A	-
ENSG00000185250	0.038694	1.23023	1	1 PPIL6	K12739
ENSG00000068001	0.038684	1.153513	1	1 HYAL2	K01197
ENSG00000244151	0.038684	1.153513	1	1 RP11-148K1.12	-
ENSG00000273486	0.038684	1.153513	1	1 RP11-731C17.2	-
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ENSG00000160828	0.038626	0.797968	1	1 STAG3L2	K13055
ENSG00000243547	0.038626	0.797968	1	1 HNRNPKP4	K12886
ENSG00000258645	0.038626	0.797968	1	1 HSPE1P2	K04078
ENSG00000261663	0.038626	0.797968	1	1 RP11-304L19.11	-
ENSG00000265817	0.038626	0.797968	1	1 FSBP	K10877
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ENSG00000198723	0.038553	0.458739	1	1 C19orf45	-
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ENSG00000170458	0.038473	0.178289	1	1 CD14	K04391
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ENSG00000221845	0.037826	-0.929792	1	1 C7orf65	K04613
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ENSG00000236710	0.037826	-0.929792	1	1 AC108448.2	-
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ENSG00000229325	0.037324	-1.308612	1	1 ACAP2-IT1	-
ENSG00000229728	0.037324	-1.308612	1	1 RP11-314N13.3	-
ENSG00000231167	0.037324	-1.308612	1	1 YBX1P2	K09276
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ENSG00000232013	0.037324	-1.308612	1	1 AC107021.1	-
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ENSG00000272017	0.037324	-1.308612	1	1 RP1-199J3.7	-
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ENSG00000237786	0.035895	-1.82353	1	1 GFOD1-AS1	-
ENSG00000237916	0.035895	-1.82353	1	1 RP11-537E18.1	K02922
ENSG00000238061	0.035895	-1.82353	1	1 RP4-635A23.4	K03038
ENSG00000238269	0.035895	-1.82353	1	1 PAGE2B	-
ENSG00000238390	0.035895	-1.82353	1	1 SNORA81	-
ENSG00000238406	0.035895	-1.82353	1	1 RNU7-171P	-
ENSG00000238821	0.035895	-1.82353	1	1 snoU13	-
ENSG00000240509	0.035895	-1.82353	1	1 RPL34P18	K02915
ENSG00000240898	0.035895	-1.82353	1	1 RP11-48B14.1	K02889
ENSG00000241146	0.035895	-1.82353	1	1 RPL7P41	K02937
ENSG00000241544	0.035895	-1.82353	1	1 RP11-6F2.5	-
ENSG00000242837	0.035895	-1.82353	1	1 RPL21P13	K02889
ENSG00000243071	0.035895	-1.82353	1	1 RP11-613M5.2	K02889
ENSG00000243709	0.035895	-1.82353	1	1 LEFTY1	K04668
ENSG00000243738	0.035895	-1.82353	1	1 RN7SL181P	-
ENSG00000244073	0.035895	-1.82353	1	1 RPS4XP6	K02987
ENSG00000245750	0.035895	-1.82353	1	1 RP11-279F6.1	-
ENSG00000246130	0.035895	-1.82353	1	1 RP11-875O11.2	-
ENSG00000246145	0.035895	-1.82353	1	1 RP11-346I3.4	-
ENSG00000246851	0.035895	-1.82353	1	1 RP11-544A12.8	-
ENSG00000247011	0.035895	-1.82353	1	1 RP11-700H6.1	-
ENSG00000247877	0.035895	-1.82353	1	1 CTD-2001C12.1	-
ENSG00000248751	0.035895	-1.82353	1	1 RP1-130H16.18	-
ENSG00000248773	0.035895	-1.82353	1	1 RP11-231L11.3	-
ENSG00000249476	0.035895	-1.82353	1	1 CTD-2587M2.1	-
ENSG00000249679	0.035895	-1.82353	1	1 RP11-279O9.4	-
ENSG00000250240	0.035895	-1.82353	1	1 CTD-2154I11.2	-
ENSG00000250551	0.035895	-1.82353	1	1 RP11-254I22.1	-
ENSG00000250722	0.035895	-1.82353	1	1 SEPP1	-
ENSG00000250909	0.035895	-1.82353	1	1 RP11-843P14.2	-
ENSG00000251175	0.035895	-1.82353	1	1 RP11-45L9.1	-

ENSG00000251303	0.035895	-1.82353	1	1 CTD-2003D5.1	K08272
ENSG00000251666	0.035895	-1.82353	1	1 ZNF346-IT1	--
ENSG00000251733	0.035895	-1.82353	1	1 SCARNA8	--
ENSG00000251957	0.035895	-1.82353	1	1 RNU6-1095P	--
ENSG00000253167	0.035895	-1.82353	1	1 KIAA0196-AS1	--
ENSG00000253438	0.035895	-1.82353	1	1 PCAT1	--
ENSG00000253541	0.035895	-1.82353	1	1 SEPT10P1	K16940
ENSG00000253633	0.035895	-1.82353	1	1 KB-1980E6.3	--
ENSG00000253921	0.035895	-1.82353	1	1 CTB-113P19.3	--
ENSG00000253944	0.035895	-1.82353	1	1 RP11-156K13.1	--
ENSG00000254016	0.035895	-1.82353	1	1 ALG1L10P	K03842
ENSG00000254363	0.035895	-1.82353	1	1 CTB-131B5.5	--
ENSG00000254388	0.035895	-1.82353	1	1 DUTP2	--
ENSG00000254732	0.035895	-1.82353	1	1 RP11-691N7.6	K05690
ENSG00000254759	0.035895	-1.82353	1	1 NAP1L1P1	K11279
ENSG00000254788	0.035895	-1.82353	1	1 CKLF-CMTM1	--
ENSG00000254905	0.035895	-1.82353	1	1 RP11-712L6.7	--
ENSG00000254907	0.035895	-1.82353	1	1 RP11-484D2.2	--
ENSG00000255045	0.035895	-1.82353	1	1 RP11-677M14.2	--
ENSG00000255440	0.035895	-1.82353	1	1 RP11-632K5.2	--
ENSG00000255710	0.035895	-1.82353	1	1 RP11-667M19.9	K18329
ENSG00000255974	0.035895	-1.82353	1	1 CYP2A6	K17683
ENSG00000256097	0.035895	-1.82353	1	1 LINC00696	--
ENSG00000256481	0.035895	-1.82353	1	1 RP11-21A7A.4	--
ENSG00000256604	0.035895	-1.82353	1	1 AC093668.2	--
ENSG00000256616	0.035895	-1.82353	1	1 RP11-815J4.6	K08462
ENSG00000256843	0.035895	-1.82353	1	1 RP11-467L13.4	K14965
ENSG00000256968	0.035895	-1.82353	1	1 SNRPEP2	K11097
ENSG00000257327	0.035895	-1.82353	1	1 RP11-650K20.3	--
ENSG00000257475	0.035895	-1.82353	1	1 RP11-983P16.2	--
ENSG00000257595	0.035895	-1.82353	1	1 RP3-473L9.4	--
ENSG00000257957	0.035895	-1.82353	1	1 QRSL1P3	K02433
ENSG00000258099	0.035895	-1.82353	1	1 RP11-686G8.2	--
ENSG00000258285	0.035895	-1.82353	1	1 RP11-103B5.2	--
ENSG00000258711	0.035895	-1.82353	1	1 RP11-218E20.3	--
ENSG00000258725	0.035895	-1.82353	1	1 PRC1-AS1	--
ENSG00000258813	0.035895	-1.82353	1	1 RP11-109N23.4	--
ENSG00000259091	0.035895	-1.82353	1	1 LINC00517	--
ENSG00000259158	0.035895	-1.82353	1	1 ADAM20P1	--
ENSG00000259251	0.035895	-1.82353	1	1 RP11-643M14.1	--
ENSG00000259318	0.035895	-1.82353	1	1 RP11-454L9.2	K11299
ENSG00000259408	0.035895	-1.82353	1	1 RP11-3D4.3	--
ENSG00000259516	0.035895	-1.82353	1	1 ANP32AP1	K18646
ENSG00000259595	0.035895	-1.82353	1	1 RP11-516C1.1	--
ENSG00000259894	0.035895	-1.82353	1	1 RP11-697E2.4	--
ENSG00000260144	0.035895	-1.82353	1	1 RP11-361M10.3	K10595
ENSG00000260145	0.035895	-1.82353	1	1 RP11-322D14.2	--
ENSG00000260170	0.035895	-1.82353	1	1 RP11-96O20.4	K17218
ENSG00000260284	0.035895	-1.82353	1	1 TPSP2	--
ENSG00000260342	0.035895	-1.82353	1	1 RP11-1035H13.3	K02957
ENSG00000260352	0.035895	-1.82353	1	1 CTD-2288F12.1	--
ENSG00000260372	0.035895	-1.82353	1	1 AQP4-AS1	--
ENSG00000260382	0.035895	-1.82353	1	1 RP11-540B6.2	--
ENSG00000260571	0.035895	-1.82353	1	1 RP11-546B15.2	K15464
ENSG00000260773	0.035895	-1.82353	1	1 RP11-352G18.2	--
ENSG00000260792	0.035895	-1.82353	1	1 RP11-982M15.8	--
ENSG00000260855	0.035895	-1.82353	1	1 RP11-439E19.10	--
ENSG00000260955	0.035895	-1.82353	1	1 RP11-30L15.6	--

ENSG00000261156	0.035895	-1.82353	1	1 RP11-215E13.1	--
ENSG00000261430	0.035895	-1.82353	1	1 LA16c-390E6.3	--
ENSG00000261596	0.035895	-1.82353	1	1 CTB-31N19.3	--
ENSG00000261613	0.035895	-1.82353	1	1 RP11-20I23.13	--
ENSG00000261668	0.035895	-1.82353	1	1 RP11-50D9.3	--
ENSG00000261915	0.035895	-1.82353	1	1 RP11-542C16.2	K15307
ENSG00000261924	0.035895	-1.82353	1	1 CTD-2561B21.5	--
ENSG00000262663	0.035895	-1.82353	1	1 RP11-497H17.1	--
ENSG00000262833	0.035895	-1.82353	1	1 RP11-28G8.1	--
ENSG00000263307	0.035895	-1.82353	1	1 RP11-166B2.8	--
ENSG00000263432	0.035895	-1.82353	1	1 RN7SL689P	--
ENSG00000263463	0.035895	-1.82353	1	1 MIR378I	--
ENSG00000263612	0.035895	-1.82353	1	1 AF186192.6	--
ENSG00000264177	0.035895	-1.82353	1	1 RP1-37N7.1	--
ENSG00000264187	0.035895	-1.82353	1	1 RP11-45M22.4	K09594
ENSG00000264635	0.035895	-1.82353	1	1 RP11-769O8.3	--
ENSG00000264668	0.035895	-1.82353	1	1 ZFP41	K09228
ENSG00000264952	0.035895	-1.82353	1	1 AC004000.1	--
ENSG00000265106	0.035895	-1.82353	1	1 Z93241.1	--
ENSG00000265293	0.035895	-1.82353	1	1 ARGFXP2	--
ENSG00000265490	0.035895	-1.82353	1	1 RP11-806L2.6	--
ENSG00000266124	0.035895	-1.82353	1	1 MIR5587	--
ENSG00000266127	0.035895	-1.82353	1	1 RP11-474N24.2	K09228
ENSG00000266601	0.035895	-1.82353	1	1 RP11-6N17.3	--
ENSG00000266905	0.035895	-1.82353	1	1 RP11-1058N17.1	--
ENSG00000267018	0.035895	-1.82353	1	1 AC010525.7	--
ENSG00000267200	0.035895	-1.82353	1	1 MIR132	--
ENSG00000267312	0.035895	-1.82353	1	1 RP11-1094M14.7	K01939
ENSG00000267454	0.035895	-1.82353	1	1 ZNF582-AS1	--
ENSG00000267757	0.035895	-1.82353	1	1 C19orf83	K18595
ENSG00000267905	0.035895	-1.82353	1	1 CTD-2616J11.16	--
ENSG00000268564	0.035895	-1.82353	1	1 AC003956.1	--
ENSG00000268756	0.035895	-1.82353	1	1 AC104534.2	--
ENSG00000269482	0.035895	-1.82353	1	1 Z69720.2	--
ENSG00000269720	0.035895	-1.82353	1	1 CTD-2521M24.5	--
ENSG00000269794	0.035895	-1.82353	1	1 AC010642.2	K09228
ENSG00000270061	0.035895	-1.82353	1	1 RP11-214K3.19	--
ENSG00000270097	0.035895	-1.82353	1	1 LA16c-380H5.3	--
ENSG00000270264	0.035895	-1.82353	1	1 NDUFB8P2	K03964
ENSG00000270760	0.035895	-1.82353	1	1 AD001527.7	--
ENSG00000271009	0.035895	-1.82353	1	1 RP11-346C20.3	--
ENSG00000271259	0.035895	-1.82353	1	1 RP11-1109F11.5	--
ENSG00000271308	0.035895	-1.82353	1	1 AP003900.6	--
ENSG00000271590	0.035895	-1.82353	1	1 RP11-181E10.3	--
ENSG00000271963	0.035895	-1.82353	1	1 CTD-2140B24.6	--
ENSG00000272043	0.035895	-1.82353	1	1 RP11-44N11.3	--
ENSG00000272182	0.035895	-1.82353	1	1 RP11-802O23.3	--
ENSG00000272426	0.035895	-1.82353	1	1 RP11-108M9.6	--
ENSG00000272442	0.035895	-1.82353	1	1 RP11-444E17.6	K01872
ENSG00000272444	0.035895	-1.82353	1	1 RP11-1017G21.6	--
ENSG00000272459	0.035895	-1.82353	1	1 RP11-1277A3.3	--
ENSG00000272465	0.035895	-1.82353	1	1 RP1-136B1.1	--
ENSG00000272588	0.035895	-1.82353	1	1 RP11-440L14.4	--
ENSG00000272695	0.035895	-1.82353	1	1 GAS6-AS2	--
ENSG00000272862	0.035895	-1.82353	1	1 RP11-814H16.2	--
ENSG00000272914	0.035895	-1.82353	1	1 RP11-330O11.3	--
ENSG00000272916	0.035895	-1.82353	1	1 RP11-574K11.31	K02577
ENSG00000273006	0.035895	-1.82353	1	1 RP11-314C9.2	--

ENSG00000273032	0.035895	-1.82353	1	1 DGCR9	-
ENSG00000273056	0.035895	-1.82353	1	1 RP11-77E14.2	-
ENSG00000273176	0.035895	-1.82353	1	1 RP3-510H16.3	-
ENSG00000273403	0.035895	-1.82353	1	1 RP11-329B9.3	-
ENSG00000273416	0.035895	-1.82353	1	1 RP4-597N16.4	-
ENSG00000273424	0.035895	-1.82353	1	1 CTA-223H9.9	-
ENSG00000273442	0.035895	-1.82353	1	1 AC006946.17	-
ENSG00000213443	-0.035054	2.295208	1	1 RP11-75L1.2	K11276
ENSG00000138696	-0.034319	2.621676	1	1 BMPR1B	K13578
ENSG00000214222	-0.033209	2.330449	1	1 TUBBP2	K07375
ENSG00000260261	-0.031432	1.965101	1	1 RP11-480A16.1	-
ENSG00000227403	-0.03139	1.410107	1	1 AC009299.3	-
ENSG00000184163	-0.031264	0.495923	1	1 FAM132A	-
ENSG00000230373	-0.031264	0.495923	1	1 GOLGA6L5P	K10595
ENSG00000246203	-0.031264	0.495923	1	1 RP11-29H23.5	-
ENSG00000250934	-0.031264	0.495923	1	1 RP11-71E19.1	-
ENSG00000172687	-0.028827	2.731249	1	1 ZNF738	K09228
ENSG00000161048	-0.027581	2.757392	1	1 NAPEPLD	K13985
ENSG00000247092	0.027432	2.972415	1	1 SNHG10	-
ENSG00000113763	-0.027182	3.02319	1	1 UNC5A	K07521
ENSG00000162419	-0.025227	3.065667	1	1 GMEB1	-
ENSG00000139192	-0.025165	1.536137	1	1 TAPBPL	K08510
ENSG00000187800	-0.025165	1.536137	1	1 PEAR1	-
ENSG00000226539	-0.025165	1.536137	1	1 AC012512.1	K09113
ENSG00000070731	-0.025073	0.614885	1	1 ST6GALNAC2	K06616
ENSG00000136859	-0.025073	0.614885	1	1 ANGPTL2	-
ENSG00000171956	-0.025073	0.614885	1	1 FOXB1	K09395
ENSG00000249492	-0.025073	0.614885	1	1 RP11-159F24.3	-
ENSG00000257511	-0.025073	0.614885	1	1 RP11-278C7.1	K11279
ENSG00000258301	-0.025073	0.614885	1	1 RP11-488C13.5	-
ENSG00000267698	-0.025073	0.614885	1	1 AC002116.7	-
ENSG00000273281	-0.025073	0.614885	1	1 RP11-339B21.14	-
ENSG00000105088	0.023564	2.561584	1	1 OLFM2	-
ENSG00000158315	0.023564	2.561584	1	1 RHBDL2	K02857
ENSG00000137841	-0.023023	2.857482	1	1 PLCB2	K05858
ENSG00000078114	-0.022488	2.555675	1	1 NEBL	-
ENSG00000137070	-0.022449	1.595261	1	1 IL11RA	K05056
ENSG00000172986	-0.022449	1.595261	1	1 GXYLT2	K13676
ENSG00000135540	0.021342	2.371375	1	1 NHSL1	-
ENSG00000149380	-0.02097	2.905043	1	1 P4HA3	K00472
ENSG00000204959	0.01997	2.265969	1	1 ARHGGEF34P	-
ENSG00000121769	-0.019887	0.724805	1	1 FABP3	K08752
ENSG00000130783	-0.019887	0.724805	1	1 CCDC62	-
ENSG00000163295	-0.019887	0.724805	1	1 ALPI	K01077
ENSG00000164406	-0.019887	0.724805	1	1 LEAP2	K04135
ENSG00000197927	-0.019887	0.724805	1	1 C2orf27A	-
ENSG00000203797	-0.019887	0.724805	1	1 DDO	K00272
ENSG00000225422	-0.019887	0.724805	1	1 RBMS1P1	-
ENSG00000258713	-0.019887	0.724805	1	1 C20orf141	-
ENSG00000080823	-0.018812	2.642408	1	1 MOK	K08830
ENSG00000151917	-0.018812	2.642408	1	1 BEND6	-
ENSG00000261652	0.018387	3.126198	1	1 C15orf65	-
ENSG00000144445	-0.018013	3.453568	1	1 KANSL1L	-
ENSG00000169750	-0.018013	3.453568	1	1 RAC3	K07861
ENSG00000105649	-0.017654	1.706721	1	1 RAB3A	K07882
ENSG00000145687	-0.017654	1.706721	1	1 SSBP2	-
ENSG00000136895	0.017135	2.071157	1	1 GARNL3	-
ENSG00000149489	0.017135	2.071157	1	1 ROM1	K17344

ENSG00000187240	-0.016945	2.285535	1	1 DYNC2H1	K10414
ENSG00000157445	0.015775	3.530923	1	1 CACNA2D3	K04860
ENSG00000089356	0.015747	1.985229	1	1 FXYD3	K13361
ENSG00000183621	-0.015551	2.72423	1	1 ZNF438	-
ENSG00000110876	-0.015527	1.759388	1	1 SELPLG	K06544
ENSG00000163633	-0.015527	1.759388	1	1 C4orf36	K00543
ENSG00000240498	-0.015527	1.759388	1	1 CDKN2B-AS1	-
ENSG00000249740	-0.015527	1.759388	1	1 CTD-2127H9.1	-
ENSG00000226210	-0.015478	0.826961	1	1 ABC7-42389800N19	K18461
ENSG00000197763	0.014604	2.886411	1	1 TXNRD3	K00384
ENSG00000166263	-0.014545	2.750507	1	1 STXBP4	K15302
ENSG00000163788	0.0142	3.846617	1	1 SNRK	K08802
ENSG00000215908	0.013019	3.370613	1	1 CROCCP2	-
ENSG00000005189	-0.012639	2.801669	1	1 AC004381.6	K14570
ENSG00000007944	0.012381	2.762694	1	1 MYLIP	K10637
ENSG00000162927	0.012381	2.762694	1	1 PUS10	K07583
ENSG00000197580	0.012363	1.796332	1	1 BCO2	K10252
ENSG00000229358	0.012363	1.796332	1	1 DPY19L1P1	K09654
ENSG00000154319	0.011887	2.736626	1	1 FAM167A	-
ENSG00000181404	-0.01172	1.859296	1	1 XXyac-YRM2039.2	K18461
ENSG00000168427	-0.011686	0.922376	1	1 KLHL30	K10466
ENSG00000196605	-0.011686	0.922376	1	1 ZNF846	K09228
ENSG00000235423	-0.011686	0.922376	1	1 RP11-282O18.3	-
ENSG00000240376	-0.011686	0.922376	1	1 RP11-36C20.1	K02995
ENSG00000260552	0.011356	1.74498	1	1 RP11-49I11.1	-
ENSG00000270346	0.011356	1.74498	1	1 RP1-90J20.12	-
ENSG00000198205	0.010664	3.246766	1	1 ZXDA	-
ENSG00000050344	-0.010359	3.181049	1	1 NFE2L3	K09040
ENSG00000153933	-0.01003	3.859062	1	1 DGKE	K00901
ENSG00000166321	-0.010009	1.906775	1	1 NUDT13	K03426
ENSG00000216866	-0.010009	1.906775	1	1 RPS2P55	K02981
ENSG00000126091	-0.009697	3.200248	1	1 ST3GAL3	K00781
ENSG00000175898	-0.009473	2.486472	1	1 CTD-2369P2.2	-
ENSG00000179859	-0.009473	2.486472	1	1 AC025335.1	-
ENSG00000242498	0.009117	3.579531	1	1 C15orf38	K09537
ENSG00000142082	0.008914	4.14819	1	1 SIRT3	K11413
ENSG00000029639	-0.008775	4.064345	1	1 TFB1M	K15266
ENSG00000266469	-0.008428	4.074789	1	1 CTB-131K11.1	-
ENSG00000198795	-0.008424	3.237897	1	1 ZNF521	-
ENSG00000170899	-0.008388	1.011885	1	1 GSTA4	K00799
ENSG00000203279	-0.008388	1.011885	1	1 RP11-498P14.5	-
ENSG00000204362	-0.008388	1.011885	1	1 RP11-380J14.1	-
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ENSG00000237550	0.008062	4.108069	1	1 UBE2Q2P6	K02940
ENSG00000139567	0.007818	1.578978	1	1 ACVRL1	K13594
ENSG00000272779	0.007818	1.578978	1	1 LL22NC03-80A10.6	K14569
ENSG00000169031	-0.007812	3.25636	1	1 COL4A3	K06237
ENSG00000238105	0.00739	4.07723	1	1 GOLGA2P5	-
ENSG00000132950	-0.007216	3.27459	1	1 ZMYM5	-
ENSG00000163472	0.006921	3.070133	1	1 TMEM79	K11125
ENSG00000121481	-0.006517	4.766426	1	1 RNF2	K10695
ENSG00000160961	0.006427	1.519118	1	1 ZNF333	K09228
ENSG00000184227	0.006427	1.519118	1	1 ACOT1	K01068
ENSG00000185522	0.006427	1.519118	1	1 C11orf35	-
ENSG00000196912	0.006427	1.519118	1	1 ANKRD36B	K17299
ENSG00000136169	-0.006069	3.310374	1	1 SETDB2	K18494
ENSG00000087258	0.005702	4.0026	1	1 GNAO1	K04534
ENSG00000175691	0.0057	3.424841	1	1 ZNF77	K09228

ENSG00000153233	-0.005494	1.096176	1	1 PTPRR	K04458
ENSG00000169122	-0.005494	1.096176	1	1 FAM110B	-
ENSG00000172943	-0.005494	1.096176	1	1 PHF8	K19415
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ENSG00000261167	-0.005494	1.096176	1	1 RP11-517B11.7	-
ENSG00000187257	-0.005133	4.810846	1	1 RSBN1L	-
ENSG00000131374	-0.005067	3.601599	1	1 TBC1D5	-
ENSG00000176182	-0.004977	3.345293	1	1 MYPOP	-
ENSG00000187860	0.004915	2.413737	1	1 CCDC157	-
ENSG00000152284	0.004906	1.456672	1	1 TCF7L1	K04490
ENSG00000184209	-0.004787	4.476496	1	1 SNRNP35	K13155
ENSG00000101363	-0.004668	5.475176	1	1 MANBAL	-
ENSG00000068885	0.004654	3.958156	1	1 IFT80	K19678
ENSG00000076555	-0.004622	2.634915	1	1 ACACB	K01946
ENSG00000136925	0.004516	3.375007	1	1 TSTD2	-
ENSG00000102977	-0.004423	5.112842	1	1 ACD	K11114
ENSG00000139354	0.004332	4.812372	1	1 GAS2L3	K14404
ENSG00000123095	-0.004193	3.630202	1	1 BHLHE41	K03730
ENSG00000231259	-0.004191	3.054648	1	1 AC125232.1	K03348
ENSG00000163888	0.003935	3.668524	1	1 CAMK2N2	K01415
ENSG00000101452	0.003894	4.338008	1	1 DHX35	K13117
ENSG00000119650	0.003742	4.140799	1	1 IFT43	K19675
ENSG00000254470	0.003422	4.638403	1	1 AP5B1	K19022
ENSG00000177728	0.003248	5.305901	1	1 KIAA0195	-
ENSG00000049192	0.003242	2.346409	1	1 ADAMTS6	K08621
ENSG00000116668	0.003242	2.346409	1	1 SWT1	-
ENSG00000259838	0.003235	1.391407	1	1 TCEB1P2	K03872
ENSG00000165660	-0.003218	5.235481	1	1 FAM175B	-
ENSG00000083544	-0.003134	4.771238	1	1 TDRD3	K18404
ENSG00000127220	0.002975	4.996747	1	1 ABHD8	K13701
ENSG00000115661	0.002852	4.464578	1	1 STK16	K08856
ENSG00000204174	0.002649	2.892651	1	1 NPY4R	K04206
ENSG00000103064	-0.002626	4.994012	1	1 SLC7A6	K13872
ENSG00000106588	-0.002587	5.408593	1	1 PSMA2	K13137
ENSG00000109016	-0.002497	5.09113	1	1 DHRS7B	K11166
ENSG00000106268	0.002477	5.083379	1	1 NUDT1	K17816
ENSG00000174276	0.002477	4.090211	1	1 ZNHIT2	-
ENSG00000161692	-0.002468	4.999506	1	1 DBF4B	-
ENSG00000108039	-0.002427	5.615068	1	1 XPNPEP1	K01262
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ENSG00000164088	0.002344	3.287928	1	1 PPM1M	K17507
ENSG00000165630	0.002344	3.287928	1	1 PRPF18	K12817
ENSG00000072958	-0.002324	5.618642	1	1 AP1M1	K12393
ENSG00000165410	0.002288	6.26469	1	1 CFL2	K05765
ENSG00000156735	0.002035	4.432446	1	1 BAG4	K09558
ENSG00000104973	0.001981	5.777389	1	1 MED25	K15168
ENSG00000197172	-0.001972	5.196543	1	1 MAGEA6	-
ENSG00000166900	-0.001913	5.111569	1	1 STX3	K08486
ENSG00000103051	-0.001897	5.864268	1	1 COG4	-
ENSG00000080802	-0.001769	4.442591	1	1 CNOT4	K10643
ENSG00000115568	0.001718	3.840665	1	1 ZNF142	-
ENSG00000112237	0.001598	6.096067	1	1 CCNC	K15161
ENSG00000188522	0.001505	5.406525	1	1 FAM83G	K14390
ENSG00000161395	0.001395	2.275789	1	1 PGAP3	-
ENSG00000215386	0.001392	1.323056	1	1 LINC00478	-
ENSG00000119446	-0.001125	4.947863	1	1 RBM18	K02838
ENSG00000186222	0.001117	4.037786	1	1 BLOC1S4	K08366
ENSG00000086102	0.001096	6.503341	1	1 NFX1	K12236

ENSG00000134697	-0.001013	6.753881	1	1 GNL2	K14537
ENSG00000186566	-0.000928	5.729422	1	1 GPATCH8	-
ENSG00000267321	-0.000898	4.322785	1	1 RP11-1094M14.11	-
ENSG00000187951	0.000833	4.027069	1	1 ARHGAP11B	K17545
ENSG00000108774	-0.000817	5.902896	1	1 RAB5C	K07889
ENSG00000188647	0.000795	5.731902	1	1 PTAR1	K14137
ENSG00000155975	-0.000792	5.151598	1	1 VPS37A	K12185
ENSG00000176018	0.000779	5.209635	1	1 LYSMD3	-
ENSG00000103356	0.000737	4.382866	1	1 EARS2	K01885
ENSG00000205138	-0.000656	4.331523	1	1 SDHAF1	K18167
ENSG00000168781	-0.000656	3.972256	1	1 PPIP5K1	K13024
ENSG00000228175	-0.000654	2.201541	1	1 GEMIN8P4	K13136
ENSG00000170961	-0.000653	1.251313	1	1 HAS2	K00752
ENSG00000233527	-0.000653	1.251313	1	1 AC092295.7	-
ENSG00000256940	-0.000653	1.251313	1	1 RP11-783K16.5	-
ENSG00000126432	-0.000536	7.910218	1	1 PRDX5	K11187
ENSG00000105518	-0.000468	5.684933	1	1 TMEM205	K07884
ENSG00000203668	0.000452	7.025678	1	1 CHML	K11667
ENSG00000085433	0.000398	4.782422	1	1 WDR47	-
ENSG00000156650	0.000398	3.790854	1	1 KAT6B	K11306
ENSG00000250132	0.000397	2.239142	1	1 RP11-359B12.2	-
ENSG00000141456	-0.000314	7.272558	1	1 PELP1	K16913
ENSG00000123179	0.000251	6.315678	1	1 EBPL	-
ENSG00000174989	0.000251	4.005393	1	1 FBXW8	K10264
ENSG00000205246	0.00015	6.825623	1	1 RPSAP58	K02998
ENSG00000144535	0.00014	4.192119	1	1 DIS3L2	K18758
ENSG00000101413	-0.000122	5.176065	1	1 RPRD1B	K15559
ENSG00000235823	5.31E-05	3.778129	1	1 LINC00263	-
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ENSG00000004848	5.13E-15	-2.63127	1	1 ARX	K09452
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ENSG00000006074	5.13E-15	-2.63127	1	1 CCL18	K05514
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ENSG00000006377	5.13E-15	-2.63127	1	1 DLX6	K09314
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ENSG00000016402	5.13E-15	-2.63127	1	1 IL20RA	K05136
ENSG00000016490	5.13E-15	-2.63127	1	1 CLCA1	K05027
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ENSG00000017427	5.13E-15	-2.63127	1	1 IGF1	K05459
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ENSG00000027644	5.13E-15	-2.63127	1	1 INSR	K05086
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ENSG00000063587	5.13E-15	-2.63127	1	1 ZNF275	-
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ENSG00000064300	5.13E-15	-2.63127	1	1 NGFR	K02583
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ENSG00000065320	5.13E-15	-2.63127	1	1 NTN1	K06843
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ENSG00000066336	5.13E-15	-2.63127	1	1 SPI1	K09438
ENSG00000066379	5.13E-15	-2.63127	1	1 ZNRD1	K03000
ENSG00000066382	5.13E-15	-2.63127	1	1 MPPED2	-
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ENSG00000067842	5.13E-15	-2.63127	1	1 ATP2B3	K05850
ENSG00000069018	5.13E-15	-2.63127	1	1 TRPC7	K04970
ENSG00000069122	5.13E-15	-2.63127	1	1 GPR116	K08458
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ENSG00000069535	5.13E-15	-2.63127	1	1 MAOB	K00274
ENSG00000069764	5.13E-15	-2.63127	1	1 PLA2G10	K01047
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ENSG00000070985	5.13E-15	-2.63127	1	1 TRPM5	K04980
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ENSG00000071575	5.13E-15	-2.63127	1	1 TRIB2	K08814
ENSG00000071677	5.13E-15	-2.63127	1	1 PRLH	K05269
ENSG00000071909	5.13E-15	-2.63127	1	1 MYO3B	K08834
ENSG00000071991	5.13E-15	-2.63127	1	1 CDH19	K06806
ENSG00000072041	5.13E-15	-2.63127	1	1 SLC6A15	K05048
ENSG00000072080	5.13E-15	-2.63127	1	1 SPP2	-
ENSG00000072133	5.13E-15	-2.63127	1	1 RPS6KA6	K04373
ENSG00000072315	5.13E-15	-2.63127	1	1 TRPC5	K04968
ENSG00000072444	5.13E-15	-2.63127	1	1 ASAH2C	K12349
ENSG00000072506	5.13E-15	-2.63127	1	1 HSD17B10	K08683
ENSG00000072657	5.13E-15	-2.63127	1	1 TRHDE	K01306
ENSG00000072694	5.13E-15	-2.63127	1	1 FCGR2B	K12560
ENSG00000073734	5.13E-15	-2.63127	1	1 ABCB11	K05664
ENSG00000073754	5.13E-15	-2.63127	1	1 CD5L	-
ENSG00000073861	5.13E-15	-2.63127	1	1 TBX21	K10166
ENSG00000074211	5.13E-15	-2.63127	1	1 PPP2R2C	K04354
ENSG00000074317	5.13E-15	-2.63127	1	1 SNCB	-
ENSG00000074410	5.13E-15	-2.63127	1	1 CA12	K01672
ENSG00000074706	5.13E-15	-2.63127	1	1 IPCEF1	-
ENSG00000074771	5.13E-15	-2.63127	1	1 NOX3	K08008
ENSG00000074803	5.13E-15	-2.63127	1	1 SLC12A1	K14425
ENSG00000075035	5.13E-15	-2.63127	1	1 WSCD2	-
ENSG00000075073	5.13E-15	-2.63127	1	1 TACR2	K04223
ENSG00000075213	5.13E-15	-2.63127	1	1 SEMA3A	K06840
ENSG00000075290	5.13E-15	-2.63127	1	1 WNT8B	K00714
ENSG00000075340	5.13E-15	-2.63127	1	1 ADD2	K18622
ENSG00000075388	5.13E-15	-2.63127	1	1 FGF4	K04358
ENSG00000075429	5.13E-15	-2.63127	1	1 CACNG5	K04870
ENSG00000075461	5.13E-15	-2.63127	1	1 CACNG4	K04869
ENSG00000075673	5.13E-15	-2.63127	1	1 ATP12A	K01544
ENSG00000075891	5.13E-15	-2.63127	1	1 PAX2	K15608
ENSG00000076716	5.13E-15	-2.63127	1	1 GPC4	K08110
ENSG00000077009	5.13E-15	-2.63127	1	1 NMRK2	K10524
ENSG00000077264	5.13E-15	-2.63127	1	1 PAK3	K05733
ENSG00000077274	5.13E-15	-2.63127	1	1 CAPN6	K08575
ENSG00000077279	5.13E-15	-2.63127	1	1 DCX	K16579
ENSG00000077498	5.13E-15	-2.63127	1	1 TYR	K00505
ENSG00000077585	5.13E-15	-2.63127	1	1 GPR137B	-
ENSG00000077800	5.13E-15	-2.63127	1	1 FKBP6	K09572
ENSG00000077943	5.13E-15	-2.63127	1	1 ITGA8	K06584
ENSG00000077984	5.13E-15	-2.63127	1	1 CST7	K13903
ENSG00000078053	5.13E-15	-2.63127	1	1 AMPH	K12562
ENSG00000078081	5.13E-15	-2.63127	1	1 LAMP3	K06562

ENSG00000078295	5.13E-15	-2.63127	1	1 ADCY2	K08042
ENSG00000078328	5.13E-15	-2.63127	1	1 RBFOX1	K14946
ENSG00000078549	5.13E-15	-2.63127	1	1 ADCYAP1R1	K04587
ENSG00000078579	5.13E-15	-2.63127	1	1 FGF20	K04358
ENSG00000078725	5.13E-15	-2.63127	1	1 BRINP1	-
ENSG00000078898	5.13E-15	-2.63127	1	1 BPIFB2	-
ENSG00000079102	5.13E-15	-2.63127	1	1 RUNX1T1	K10053
ENSG00000079112	5.13E-15	-2.63127	1	1 CDH17	K06811
ENSG00000079557	5.13E-15	-2.63127	1	1 AFM	-
ENSG00000079689	5.13E-15	-2.63127	1	1 SCGN	-
ENSG00000080224	5.13E-15	-2.63127	1	1 EPHA6	K05107
ENSG00000080293	5.13E-15	-2.63127	1	1 SCTR	K04588
ENSG00000080493	5.13E-15	-2.63127	1	1 SLC4A4	K13575
ENSG00000080511	5.13E-15	-2.63127	1	1 RDH8	K11150
ENSG00000080572	5.13E-15	-2.63127	1	1 PIH1D3	K12581
ENSG00000080709	5.13E-15	-2.63127	1	1 KCNN2	K04943
ENSG00000080910	5.13E-15	-2.63127	1	1 CFHR2	K04004
ENSG00000081051	5.13E-15	-2.63127	1	1 AFP	K16144
ENSG00000081189	5.13E-15	-2.63127	1	1 MEF2C	-
ENSG00000081277	5.13E-15	-2.63127	1	1 PKP1	K10387
ENSG00000081479	5.13E-15	-2.63127	1	1 LRP2	K06233
ENSG00000081800	5.13E-15	-2.63127	1	1 SLC13A1	K14444
ENSG00000081803	5.13E-15	-2.63127	1	1 CADPS2	-
ENSG00000081818	5.13E-15	-2.63127	1	1 PCDHB4	K16494
ENSG00000081842	5.13E-15	-2.63127	1	1 PCDHA6	K16493
ENSG00000082175	5.13E-15	-2.63127	1	1 PGR	K08556
ENSG00000082397	5.13E-15	-2.63127	1	1 EPB41L3	K06107
ENSG00000082482	5.13E-15	-2.63127	1	1 KCNK2	K04913
ENSG00000082556	5.13E-15	-2.63127	1	1 OPRK1	K04214
ENSG00000082684	5.13E-15	-2.63127	1	1 SEMA5B	K06841
ENSG00000082929	5.13E-15	-2.63127	1	1 C4orf6	-
ENSG00000083622	5.13E-15	-2.63127	1	1 AC000111.6	-
ENSG00000083782	5.13E-15	-2.63127	1	1 EPYC	K08127
ENSG00000083842	5.13E-15	-2.63127	1	1 ZNF8	K09228
ENSG00000083896	5.13E-15	-2.63127	1	1 YTHDC1	-
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ENSG00000084674	5.13E-15	-2.63127	1	1 APOB	K14462
ENSG00000084734	5.13E-15	-2.63127	1	1 GCKR	-
ENSG00000085265	5.13E-15	-2.63127	1	1 FCN1	K10104
ENSG00000086205	5.13E-15	-2.63127	1	1 FOLH1	K14592
ENSG00000086288	5.13E-15	-2.63127	1	1 NME8	-
ENSG00000086548	5.13E-15	-2.63127	1	1 CEACAM6	K06499
ENSG00000086619	5.13E-15	-2.63127	1	1 ERO1LB	K10976
ENSG00000086696	5.13E-15	-2.63127	1	1 HSD17B2	K13368
ENSG00000086848	5.13E-15	-2.63127	1	1 ALG9	K03846
ENSG00000086967	5.13E-15	-2.63127	1	1 MYBPC2	K12558
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ENSG00000087250	5.13E-15	-2.63127	1	1 MT3	K14740
ENSG00000087494	5.13E-15	-2.63127	1	1 PTHLH	-
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ENSG00000088038	5.13E-15	-2.63127	1	1 CNOT3	K12580
ENSG00000088053	5.13E-15	-2.63127	1	1 GP6	K06264
ENSG00000088320	5.13E-15	-2.63127	1	1 REM1	K07847
ENSG00000088386	5.13E-15	-2.63127	1	1 SLC15A1	K14206
ENSG00000088782	5.13E-15	-2.63127	1	1 DEFB127	-
ENSG00000088926	5.13E-15	-2.63127	1	1 F11	K01323
ENSG00000089012	5.13E-15	-2.63127	1	1 SIRPG	K06551
ENSG00000089041	5.13E-15	-2.63127	1	1 P2RX7	K05220

ENSG00000089116	5.13E-15	-2.63127	1	1 LHX5	K18493
ENSG00000089169	5.13E-15	-2.63127	1	1 RPH3A	-
ENSG00000089199	5.13E-15	-2.63127	1	1 CHGB	-
ENSG00000089225	5.13E-15	-2.63127	1	1 TBX5	K10179
ENSG00000089250	5.13E-15	-2.63127	1	1 NOS1	-
ENSG00000089472	5.13E-15	-2.63127	1	1 HEPH	K14735
ENSG00000090104	5.13E-15	-2.63127	1	1 RGS1	K16449
ENSG00000090382	5.13E-15	-2.63127	1	1 LYZ	K13915
ENSG00000090402	5.13E-15	-2.63127	1	1 SI	K01203
ENSG00000090512	5.13E-15	-2.63127	1	1 FETUB	-
ENSG00000090659	5.13E-15	-2.63127	1	1 CD209	K06563
ENSG00000091010	5.13E-15	-2.63127	1	1 POU4F3	K09366
ENSG00000091128	5.13E-15	-2.63127	1	1 LAMB4	K06245
ENSG00000091129	5.13E-15	-2.63127	1	1 NRCAM	K06756
ENSG00000091138	5.13E-15	-2.63127	1	1 SLC26A3	K14078
ENSG00000091181	5.13E-15	-2.63127	1	1 IL5RA	K05067
ENSG00000091583	5.13E-15	-2.63127	1	1 APOH	K17305
ENSG00000091664	5.13E-15	-2.63127	1	1 SLC17A6	K12302
ENSG00000091704	5.13E-15	-2.63127	1	1 CPA1	K08779
ENSG00000092009	5.13E-15	-2.63127	1	1 CMA1	K01329
ENSG00000092051	5.13E-15	-2.63127	1	1 JPH4	K19530
ENSG00000092054	5.13E-15	-2.63127	1	1 MYH7	K17751
ENSG00000092096	5.13E-15	-2.63127	1	1 SLC22A17	K08213
ENSG00000092345	5.13E-15	-2.63127	1	1 DAZL	-
ENSG00000092377	5.13E-15	-2.63127	1	1 TBL1Y	K04508
ENSG00000092607	5.13E-15	-2.63127	1	1 TBX15	K10182
ENSG00000093072	5.13E-15	-2.63127	1	1 CECR1	K19572
ENSG00000094661	5.13E-15	-2.63127	1	1 OR11I	K04257
ENSG00000094755	5.13E-15	-2.63127	1	1 GABRP	K05189
ENSG00000094796	5.13E-15	-2.63127	1	1 KRT31	K07604
ENSG00000094963	5.13E-15	-2.63127	1	1 FMO2	K00485
ENSG00000095110	5.13E-15	-2.63127	1	1 NXPE1	-
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ENSG00000095627	5.13E-15	-2.63127	1	1 TDRD1	K18405
ENSG00000095713	5.13E-15	-2.63127	1	1 CRTAC1	-
ENSG00000095777	5.13E-15	-2.63127	1	1 MYO3A	K08834
ENSG00000095917	5.13E-15	-2.63127	1	1 TPSD1	K01340
ENSG00000095932	5.13E-15	-2.63127	1	1 C19orf77	-
ENSG00000095970	5.13E-15	-2.63127	1	1 TREM2	K14378
ENSG00000095981	5.13E-15	-2.63127	1	1 KCNK16	K04924
ENSG00000096006	5.13E-15	-2.63127	1	1 CRISP3	-
ENSG00000096088	5.13E-15	-2.63127	1	1 PGC	K01377
ENSG00000096264	5.13E-15	-2.63127	1	1 NCR2	K06742
ENSG00000096395	5.13E-15	-2.63127	1	1 MLN	K05265
ENSG00000099139	5.13E-15	-2.63127	1	1 PCSK5	K08654
ENSG00000099284	5.13E-15	-2.63127	1	1 H2AFY2	K11251
ENSG00000099715	5.13E-15	-2.63127	1	1 PCDH11Y	K16498
ENSG00000099721	5.13E-15	-2.63127	1	1 AMELY	-
ENSG00000099725	5.13E-15	-2.63127	1	1 PRKY	K19584
ENSG00000099869	5.13E-15	-2.63127	1	1 IGF2-AS	-
ENSG00000099953	5.13E-15	-2.63127	1	1 MMP11	K07993
ENSG00000100012	5.13E-15	-2.63127	1	1 SEC14L3	-
ENSG00000100024	5.13E-15	-2.63127	1	1 UPB1	K01431
ENSG00000100095	5.13E-15	-2.63127	1	1 SEZ6L	-
ENSG00000100121	5.13E-15	-2.63127	1	1 GGTL2	K18592
ENSG00000100122	5.13E-15	-2.63127	1	1 CRYBB1	-
ENSG00000100170	5.13E-15	-2.63127	1	1 SLC5A1	K14158
ENSG00000100181	5.13E-15	-2.63127	1	1 TPTEP1	-

ENSG00000100191	5.13E-15	-2.63127	1	1 SLC5A4	K14384
ENSG00000100218	5.13E-15	-2.63127	1	1 RTDR1	-
ENSG00000100228	5.13E-15	-2.63127	1	1 RAB36	K07922
ENSG00000100249	5.13E-15	-2.63127	1	1 C22orf31	-
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ENSG00000100321	5.13E-15	-2.63127	1	1 SYNGR1	K04403
ENSG00000100336	5.13E-15	-2.63127	1	1 APOL4	K14480
ENSG00000100341	5.13E-15	-2.63127	1	1 PNPLA5	K16814
ENSG00000100346	5.13E-15	-2.63127	1	1 CACNA1I	K04856
ENSG00000100365	5.13E-15	-2.63127	1	1 NCF4	K08012
ENSG00000100373	5.13E-15	-2.63127	1	1 UPK3A	K19520
ENSG00000100379	5.13E-15	-2.63127	1	1 KCTD17	-
ENSG00000100433	5.13E-15	-2.63127	1	1 KCNK10	K04920
ENSG00000100448	5.13E-15	-2.63127	1	1 CTSG	K01319
ENSG00000100450	5.13E-15	-2.63127	1	1 GZMH	K09616
ENSG00000100453	5.13E-15	-2.63127	1	1 GZMB	K01353
ENSG00000100557	5.13E-15	-2.63127	1	1 C14orf105	-
ENSG00000100565	5.13E-15	-2.63127	1	1 C14orf166B	-
ENSG00000100593	5.13E-15	-2.63127	1	1 ISM2	-
ENSG00000100599	5.13E-15	-2.63127	1	1 RIN3	-
ENSG00000100626	5.13E-15	-2.63127	1	1 GALNT16	K00710
ENSG00000100665	5.13E-15	-2.63127	1	1 SERPINA4	K04525
ENSG00000100721	5.13E-15	-2.63127	1	1 TCL1A	K10167
ENSG00000100884	5.13E-15	-2.63127	1	1 CPNE6	-
ENSG00000100987	5.13E-15	-2.63127	1	1 VSX1	K09335
ENSG00000101074	5.13E-15	-2.63127	1	1 R3HDML	-
ENSG00000101134	5.13E-15	-2.63127	1	1 DOK5	-
ENSG00000101144	5.13E-15	-2.63127	1	1 BMP7	K16621
ENSG00000101180	5.13E-15	-2.63127	1	1 HRH3	K04151
ENSG00000101194	5.13E-15	-2.63127	1	1 SLC17A9	K12303
ENSG00000101200	5.13E-15	-2.63127	1	1 AVP	K05242
ENSG00000101251	5.13E-15	-2.63127	1	1 SEL1L2	K14026
ENSG00000101265	5.13E-15	-2.63127	1	1 RASSF2	K09851
ENSG00000101282	5.13E-15	-2.63127	1	1 RSPO4	-
ENSG00000101292	5.13E-15	-2.63127	1	1 PROKR2	K08380
ENSG00000101307	5.13E-15	-2.63127	1	1 SIRPB1	K06551
ENSG00000101323	5.13E-15	-2.63127	1	1 HAO1	K11517
ENSG00000101327	5.13E-15	-2.63127	1	1 PDYN	K15840
ENSG00000101349	5.13E-15	-2.63127	1	1 PAK7	K05736
ENSG00000101405	5.13E-15	-2.63127	1	1 OXT	K05243
ENSG00000101425	5.13E-15	-2.63127	1	1 BPI	-
ENSG00000101435	5.13E-15	-2.63127	1	1 CST9L	K13905
ENSG00000101438	5.13E-15	-2.63127	1	1 SLC32A1	K15015
ENSG00000101441	5.13E-15	-2.63127	1	1 CST4	K13900
ENSG00000101445	5.13E-15	-2.63127	1	1 PPP1R16B	K17459
ENSG00000101446	5.13E-15	-2.63127	1	1 SPINT3	-
ENSG00000101448	5.13E-15	-2.63127	1	1 EPPIN	-
ENSG00000101463	5.13E-15	-2.63127	1	1 SYNDIG1	-
ENSG00000101489	5.13E-15	-2.63127	1	1 CELF4	K13207
ENSG00000101493	5.13E-15	-2.63127	1	1 ZNF516	-
ENSG00000101746	5.13E-15	-2.63127	1	1 NOL4	-
ENSG00000101812	5.13E-15	-2.63127	1	1 H2BFM	K11252
ENSG00000101825	5.13E-15	-2.63127	1	1 MXRA5	-
ENSG00000101883	5.13E-15	-2.63127	1	1 RHOXF1	-
ENSG00000101892	5.13E-15	-2.63127	1	1 ATP1B4	K01540
ENSG00000101938	5.13E-15	-2.63127	1	1 CHRDL1	-
ENSG00000101940	5.13E-15	-2.63127	1	1 WDR13	-
ENSG00000101951	5.13E-15	-2.63127	1	1 PAGE4	-

ENSG00000101958	5.13E-15	-2.63127	1	1 GLRA2	K05194
ENSG00000101981	5.13E-15	-2.63127	1	1 F9	K01321
ENSG00000102001	5.13E-15	-2.63127	1	1 CACNA1F	K04853
ENSG00000102021	5.13E-15	-2.63127	1	1 LUZP4	-
ENSG00000102043	5.13E-15	-2.63127	1	1 MTMR8	K18083
ENSG00000102055	5.13E-15	-2.63127	1	1 PPP1R2P9	K16833
ENSG00000102069	5.13E-15	-2.63127	1	1 UBE2NL	K10580
ENSG00000102076	5.13E-15	-2.63127	1	1 OPN1LW	K04251
ENSG00000102080	5.13E-15	-2.63127	1	1 TEX28P2	-
ENSG00000102096	5.13E-15	-2.63127	1	1 PIM2	K08806
ENSG00000102109	5.13E-15	-2.63127	1	1 PCSK1N	-
ENSG00000102128	5.13E-15	-2.63127	1	1 RAB40AL	K07928
ENSG00000102145	5.13E-15	-2.63127	1	1 GATA1	K09182
ENSG00000102230	5.13E-15	-2.63127	1	1 PCYT1B	K00968
ENSG00000102239	5.13E-15	-2.63127	1	1 BRS3	K04170
ENSG00000102243	5.13E-15	-2.63127	1	1 VGLL1	-
ENSG00000102245	5.13E-15	-2.63127	1	1 CD40LG	K03161
ENSG00000102290	5.13E-15	-2.63127	1	1 PCDH11X	K16498
ENSG00000102313	5.13E-15	-2.63127	1	1 ITIH6	-
ENSG00000102349	5.13E-15	-2.63127	1	1 KLF8	K09205
ENSG00000102383	5.13E-15	-2.63127	1	1 ZDHHC15	K18932
ENSG00000102387	5.13E-15	-2.63127	1	1 TAF7L	K03132
ENSG00000102390	5.13E-15	-2.63127	1	1 PBDC1	-
ENSG00000102401	5.13E-15	-2.63127	1	1 ARM CX3	-
ENSG00000102409	5.13E-15	-2.63127	1	1 BEX4	-
ENSG00000102445	5.13E-15	-2.63127	1	1 KIAA0226L	-
ENSG00000102468	5.13E-15	-2.63127	1	1 HTR2A	K04157
ENSG00000102524	5.13E-15	-2.63127	1	1 TNFSF13B	K05476
ENSG00000102683	5.13E-15	-2.63127	1	1 SGCG	K12564
ENSG00000102755	5.13E-15	-2.63127	1	1 FLT1	K05096
ENSG00000102760	5.13E-15	-2.63127	1	1 RGCC	-
ENSG00000102794	5.13E-15	-2.63127	1	1 IRG1	K17724
ENSG00000102891	5.13E-15	-2.63127	1	1 MT4	K14741
ENSG00000102924	5.13E-15	-2.63127	1	1 CBLN1	-
ENSG00000102935	5.13E-15	-2.63127	1	1 ZNF423	-
ENSG00000102962	5.13E-15	-2.63127	1	1 CCL22	K05514
ENSG00000103023	5.13E-15	-2.63127	1	1 PRSS54	-
ENSG00000103154	5.13E-15	-2.63127	1	1 NECAB2	-
ENSG00000103200	5.13E-15	-2.63127	1	1 RP11-723C11.2	-
ENSG00000103310	5.13E-15	-2.63127	1	1 ZP2	-
ENSG00000103355	5.13E-15	-2.63127	1	1 PRSS33	K09629
ENSG00000103375	5.13E-15	-2.63127	1	1 AQP8	K09869
ENSG00000103426	5.13E-15	-2.63127	1	1 CORO7-PAM16	K18619
ENSG00000103449	5.13E-15	-2.63127	1	1 SALL1	-
ENSG00000103460	5.13E-15	-2.63127	1	1 TOX3	-
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ENSG00000103546	5.13E-15	-2.63127	1	1 SLC6A2	K05035
ENSG00000103569	5.13E-15	-2.63127	1	1 AQP9	K09877
ENSG00000103647	5.13E-15	-2.63127	1	1 CORO2B	K13887
ENSG00000104044	5.13E-15	-2.63127	1	1 OCA2	-
ENSG00000104055	5.13E-15	-2.63127	1	1 TGM5	K05622
ENSG00000104059	5.13E-15	-2.63127	1	1 FAM189A1	-
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ENSG00000104415	5.13E-15	-2.63127	1	1 WISP1	-
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ENSG00000104818	5.13E-15	-2.63127	1	1 CGB2	K10045
ENSG00000104826	5.13E-15	-2.63127	1	1 LHB	K08521
ENSG00000104827	5.13E-15	-2.63127	1	1 CGB	K10045
ENSG00000104833	5.13E-15	-2.63127	1	1 TUBB4A	K07375
ENSG00000104903	5.13E-15	-2.63127	1	1 LYL1	K15604
ENSG00000104918	5.13E-15	-2.63127	1	1 RETN	K13438
ENSG00000104938	5.13E-15	-2.63127	1	1 CLEC4M	K06563
ENSG00000104967	5.13E-15	-2.63127	1	1 NOVA2	K14944
ENSG00000104970	5.13E-15	-2.63127	1	1 KIR3DX1	K06725
ENSG00000104972	5.13E-15	-2.63127	1	1 LILRB1	K06512
ENSG00000104974	5.13E-15	-2.63127	1	1 LILRA1	K06512
ENSG00000105143	5.13E-15	-2.63127	1	1 SLC1A6	K05617
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ENSG00000105352	5.13E-15	-2.63127	1	1 CEACAM4	K06499
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ENSG00000105388	5.13E-15	-2.63127	1	1 CEACAM5	K06499
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ENSG00000105428	5.13E-15	-2.63127	1	1 ZNRF4	K15715
ENSG00000105472	5.13E-15	-2.63127	1	1 CLEC11A	K17521
ENSG00000105492	5.13E-15	-2.63127	1	1 SIGLEC6	K06738
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ENSG00000105507	5.13E-15	-2.63127	1	1 CABP5	-
ENSG00000105609	5.13E-15	-2.63127	1	1 LILRB5	K06512
ENSG00000105610	5.13E-15	-2.63127	1	1 KLF1	K09204
ENSG00000105617	5.13E-15	-2.63127	1	1 LENG1	K12580
ENSG00000105618	5.13E-15	-2.63127	1	1 PRPF31	K12844
ENSG00000105619	5.13E-15	-2.63127	1	1 TFPT	K11670
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ENSG00000105694	5.13E-15	-2.63127	1	1 TCEB1P28	K03872
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ENSG00000105825	5.13E-15	-2.63127	1	1 TFPI2	-
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ENSG00000105852	5.13E-15	-2.63127	1	1 PON3	K01045
ENSG00000105880	5.13E-15	-2.63127	1	1 DLX5	K18489
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ENSG00000105954	5.13E-15	-2.63127	1	1 NPVF	-
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ENSG00000106013	5.13E-15	-2.63127	1	1 ANKRD7	-
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ENSG00000106066	5.13E-15	-2.63127	1	1 CPVL	K09645
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ENSG00000106123	5.13E-15	-2.63127	1	1 EPHB6	K05114
ENSG00000106128	5.13E-15	-2.63127	1	1 GHRHR	K04584
ENSG00000106178	5.13E-15	-2.63127	1	1 CCL24	K05514
ENSG00000106236	5.13E-15	-2.63127	1	1 NPTX2	-
ENSG00000106278	5.13E-15	-2.63127	1	1 PTPRZ1	K08114
ENSG00000106304	5.13E-15	-2.63127	1	1 SPAM1	K01197
ENSG00000106328	5.13E-15	-2.63127	1	1 FSCN3	K17456
ENSG00000106331	5.13E-15	-2.63127	1	1 PAX4	K08032
ENSG00000106341	5.13E-15	-2.63127	1	1 PPP1R17	K08067

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ENSG00000106540	5.13E-15	-2.63127	1	1 AC004837.3	-
ENSG00000106565	5.13E-15	-2.63127	1	1 TMEM176B	-
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ENSG00000106714	5.13E-15	-2.63127	1	1 CNTNAP3	-
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ENSG00000106952	5.13E-15	-2.63127	1	1 TNFSF8	K05471
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ENSG00000107018	5.13E-15	-2.63127	1	1 RLN1	K05255
ENSG00000107130	5.13E-15	-2.63127	1	1 NCS1	-
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ENSG00000107447	5.13E-15	-2.63127	1	1 DNNT	K00977
ENSG00000107518	5.13E-15	-2.63127	1	1 ATRNL1	-
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ENSG00000107618	5.13E-15	-2.63127	1	1 RBP3	-
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ENSG00000108001	5.13E-15	-2.63127	1	1 EBF3	K09103
ENSG00000108231	5.13E-15	-2.63127	1	1 LGI1	-
ENSG00000108242	5.13E-15	-2.63127	1	1 CYP2C18	K17720
ENSG00000108244	5.13E-15	-2.63127	1	1 KRT23	K07604
ENSG00000108342	5.13E-15	-2.63127	1	1 CSF3	K05423
ENSG00000108381	5.13E-15	-2.63127	1	1 ASPA	K01437
ENSG00000108417	5.13E-15	-2.63127	1	1 KRT37	K07604
ENSG00000108442	5.13E-15	-2.63127	1	1 TVP23BP2	-
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ENSG00000108576	5.13E-15	-2.63127	1	1 SLC6A4	K05037
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ENSG00000108688	5.13E-15	-2.63127	1	1 CCL7	K05509
ENSG00000108700	5.13E-15	-2.63127	1	1 CCL8	K16596
ENSG00000108702	5.13E-15	-2.63127	1	1 CCL1	K05514
ENSG00000108753	5.13E-15	-2.63127	1	1 HNF1B	K08034
ENSG00000108759	5.13E-15	-2.63127	1	1 KRT32	K07604
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ENSG00000108878	5.13E-15	-2.63127	1	1 CACNG1	K04866
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ENSG00000109181	5.13E-15	-2.63127	1	1 UGT2B10	K00699
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ENSG00000109205	5.13E-15	-2.63127	1	1 ODAM	-
ENSG00000109208	5.13E-15	-2.63127	1	1 SMR3A	-
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ENSG00000109272	5.13E-15	-2.63127	1	1 PF4V1	K05407
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ENSG00000109471	5.13E-15	-2.63127	1	1 IL2	K05429
ENSG00000109576	5.13E-15	-2.63127	1	1 AADAT	K00825
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ENSG00000109851	5.13E-15	-2.63127	1	1 DBX1	K18488
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ENSG00000110079	5.13E-15	-2.63127	1	1 MS4A4A	-
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ENSG00000110244	5.13E-15	-2.63127	1	1 APOA4	K08760
ENSG00000110245	5.13E-15	-2.63127	1	1 APOC3	K08759
ENSG00000110324	5.13E-15	-2.63127	1	1 IL10RA	K05134
ENSG00000110347	5.13E-15	-2.63127	1	1 MMP12	-
ENSG00000110448	5.13E-15	-2.63127	1	1 CD5	K06455
ENSG00000110484	5.13E-15	-2.63127	1	1 SCGB2A2	-
ENSG00000110665	5.13E-15	-2.63127	1	1 C11orf21	-
ENSG00000110675	5.13E-15	-2.63127	1	1 ELMOD1	-
ENSG00000110680	5.13E-15	-2.63127	1	1 CALCA	K12332
ENSG00000110777	5.13E-15	-2.63127	1	1 POU2AF1	-
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ENSG00000110811	5.13E-15	-2.63127	1	1 LEPREL2	-
ENSG00000110848	5.13E-15	-2.63127	1	1 CD69	K06502
ENSG00000110934	5.13E-15	-2.63127	1	1 BIN2	-
ENSG00000110975	5.13E-15	-2.63127	1	1 SYT10	-
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ENSG00000111049	5.13E-15	-2.63127	1	1 MYF5	K18484
ENSG00000111052	5.13E-15	-2.63127	1	1 LIN7A	-
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ENSG00000111199	5.13E-15	-2.63127	1	1 TRPV4	K04973
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ENSG00000111241	5.13E-15	-2.63127	1	1 FGF6	K04358
ENSG00000111245	5.13E-15	-2.63127	1	1 MYL2	K10351
ENSG00000111249	5.13E-15	-2.63127	1	1 CUX2	K09313
ENSG00000111262	5.13E-15	-2.63127	1	1 KCNA1	K04874
ENSG00000111344	5.13E-15	-2.63127	1	1 RASAL1	K17632
ENSG00000111404	5.13E-15	-2.63127	1	1 RERGL	K17198
ENSG00000111536	5.13E-15	-2.63127	1	1 IL26	K05446
ENSG00000111537	5.13E-15	-2.63127	1	1 IFNG	K04687
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ENSG00000111667	5.13E-15	-2.63127	1	1 USP5	K11836
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ENSG00000111704	5.13E-15	-2.63127	1	1 NANOG	K10164
ENSG00000111713	5.13E-15	-2.63127	1	1 GYS2	K00693
ENSG00000111783	5.13E-15	-2.63127	1	1 RFX4	K09174
ENSG00000111796	5.13E-15	-2.63127	1	1 KLRB1	K06543
ENSG00000111879	5.13E-15	-2.63127	1	1 FAM184A	-
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ENSG00000112038	5.13E-15	-2.63127	1	1 OPRM1	K04215
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ENSG00000112115	5.13E-15	-2.63127	1	1 IL17A	K05489
ENSG00000112116	5.13E-15	-2.63127	1	1 IL17F	K05494
ENSG00000112164	5.13E-15	-2.63127	1	1 GLP1R	K04581

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ENSG00000112232	5.13E-15	-2.63127	1	1 KHDRBS2	K17843
ENSG00000112238	5.13E-15	-2.63127	1	1 PRDM13	-
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ENSG00000112293	5.13E-15	-2.63127	1	1 GPLD1	K01127
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ENSG00000112337	5.13E-15	-2.63127	1	1 SLC17A2	K12300
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ENSG00000112462	5.13E-15	-2.63127	1	1 OR12D3	K04257
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ENSG00000112761	5.13E-15	-2.63127	1	1 WISP3	-
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ENSG00000112782	5.13E-15	-2.63127	1	1 CLIC5	K05025
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ENSG00000112852	5.13E-15	-2.63127	1	1 PCDHB2	K16494
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ENSG00000112964	5.13E-15	-2.63127	1	1 GHR	K05080
ENSG00000112981	5.13E-15	-2.63127	1	1 NME5	K00940
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ENSG00000113205	5.13E-15	-2.63127	1	1 PCDHB3	K16494
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ENSG00000113303	5.13E-15	-2.63127	1	1 BTNL8	K06712
ENSG00000113327	5.13E-15	-2.63127	1	1 GABRG2	K05186
ENSG00000113361	5.13E-15	-2.63127	1	1 CDH6	K06798
ENSG00000113396	5.13E-15	-2.63127	1	1 SLC27A6	K08749
ENSG00000113430	5.13E-15	-2.63127	1	1 IRX4	-
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ENSG00000113494	5.13E-15	-2.63127	1	1 PRLR	K05081
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ENSG00000113749	5.13E-15	-2.63127	1	1 HRH2	K04150
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ENSG00000113905	5.13E-15	-2.63127	1	1 HRG	K09654
ENSG00000113924	5.13E-15	-2.63127	1	1 HGD	K00451
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ENSG00000114374	5.13E-15	-2.63127	1	1 USP9Y	K11840
ENSG00000114405	5.13E-15	-2.63127	1	1 C3orf14	-
ENSG00000114446	5.13E-15	-2.63127	1	1 IFT57	K04638
ENSG00000114455	5.13E-15	-2.63127	1	1 HHLA2	-
ENSG00000114487	5.13E-15	-2.63127	1	1 MORC1	-
ENSG00000114654	5.13E-15	-2.63127	1	1 EFCC1	-
ENSG00000114656	5.13E-15	-2.63127	1	1 KIAA1257	-
ENSG00000114771	5.13E-15	-2.63127	1	1 AADAC	K13616
ENSG00000114790	5.13E-15	-2.63127	1	1 ARHGEF26	K13744
ENSG00000114805	5.13E-15	-2.63127	1	1 PLCH1	K19006
ENSG00000115138	5.13E-15	-2.63127	1	1 POMC	K05228
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ENSG00000124610	5.13E-15	-2.63127	1	1 HIST1H1A	K11275
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ENSG00000125144	5.13E-15	-2.63127	1	1 MT1G	K14739
ENSG00000125255	5.13E-15	-2.63127	1	1 SLC10A2	K14342
ENSG00000125285	5.13E-15	-2.63127	1	1 SOX21	K09267
ENSG00000125355	5.13E-15	-2.63127	1	1 TMEM255A	-
ENSG00000125363	5.13E-15	-2.63127	1	1 AMELX	-
ENSG00000125384	5.13E-15	-2.63127	1	1 PTGER2	K04259
ENSG00000125385	5.13E-15	-2.63127	1	1 RP11-297B17.2	K02912
ENSG00000125398	5.13E-15	-2.63127	1	1 SOX9	K18435
ENSG00000125430	5.13E-15	-2.63127	1	1 HS3ST3B1	K07809
ENSG00000125492	5.13E-15	-2.63127	1	1 BARHL1	K09360
ENSG00000125498	5.13E-15	-2.63127	1	1 KIR2DL1	K07981
ENSG00000125505	5.13E-15	-2.63127	1	1 MBOAT7	K13516
ENSG00000125514	5.13E-15	-2.63127	1	1 LINC00029	-

ENSG00000125522	5.13E-15	-2.63127	1	1 NPBWR2	K08377
ENSG00000125533	5.13E-15	-2.63127	1	1 BHLHE23	K09086
ENSG00000125551	5.13E-15	-2.63127	1	1 PLGLB2	K01315
ENSG00000125695	5.13E-15	-2.63127	1	1 RP11-51F16.8	K08271
ENSG00000125780	5.13E-15	-2.63127	1	1 TGM3	K05620
ENSG00000125788	5.13E-15	-2.63127	1	1 DEFB126	-
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ENSG00000125804	5.13E-15	-2.63127	1	1 FAM182A	-
ENSG00000125810	5.13E-15	-2.63127	1	1 CD93	K06702
ENSG00000125813	5.13E-15	-2.63127	1	1 PAX1	K09382
ENSG00000125815	5.13E-15	-2.63127	1	1 CST8	K13904
ENSG00000125816	5.13E-15	-2.63127	1	1 NKX2-4	K09344
ENSG00000125820	5.13E-15	-2.63127	1	1 NKX2-2	K08029
ENSG00000125823	5.13E-15	-2.63127	1	1 CSTL1	-
ENSG00000125831	5.13E-15	-2.63127	1	1 CST11	K13906
ENSG00000125850	5.13E-15	-2.63127	1	1 OVOL2	K09216
ENSG00000125851	5.13E-15	-2.63127	1	1 PCSK2	K01360
ENSG00000125861	5.13E-15	-2.63127	1	1 GFRA4	-
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ENSG00000125878	5.13E-15	-2.63127	1	1 TCF15	K09070
ENSG00000125879	5.13E-15	-2.63127	1	1 OTOR	-
ENSG00000125888	5.13E-15	-2.63127	1	1 BANF2	-
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ENSG00000125900	5.13E-15	-2.63127	1	1 SIRPD	K16827
ENSG00000125903	5.13E-15	-2.63127	1	1 DEFB129	-
ENSG00000125954	5.13E-15	-2.63127	1	1 CHURC1-FNTB	K05954
ENSG00000125962	5.13E-15	-2.63127	1	1 ARMCX5	K14284
ENSG00000125975	5.13E-15	-2.63127	1	1 C20orf173	-
ENSG00000125998	5.13E-15	-2.63127	1	1 FAM83C	-
ENSG00000125999	5.13E-15	-2.63127	1	1 BPIFB1	K02927
ENSG00000126016	5.13E-15	-2.63127	1	1 AMOT	K16819
ENSG00000126233	5.13E-15	-2.63127	1	1 SLURP1	-
ENSG00000126251	5.13E-15	-2.63127	1	1 GPR42	K04326
ENSG00000126259	5.13E-15	-2.63127	1	1 KIRREL2	-
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ENSG00000126266	5.13E-15	-2.63127	1	1 FFAR1	K04325
ENSG00000126337	5.13E-15	-2.63127	1	1 KRT36	K07604
ENSG00000126542	5.13E-15	-2.63127	1	1 PTPN20CP	K18039
ENSG00000126545	5.13E-15	-2.63127	1	1 CSN1S1	K17281
ENSG00000126549	5.13E-15	-2.63127	1	1 STATH	K13914
ENSG00000126550	5.13E-15	-2.63127	1	1 HTN1	K13913
ENSG00000126733	5.13E-15	-2.63127	1	1 DACH2	-
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ENSG00000126785	5.13E-15	-2.63127	1	1 RHOJ	K07864
ENSG00000126856	5.13E-15	-2.63127	1	1 PRDM7	K09228
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ENSG00000127252	5.13E-15	-2.63127	1	1 HRASLS	-
ENSG00000127318	5.13E-15	-2.63127	1	1 IL22	K05445
ENSG00000127377	5.13E-15	-2.63127	1	1 CRYGN	-
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ENSG00000127472	5.13E-15	-2.63127	1	1 PLA2G5	K01047
ENSG00000127515	5.13E-15	-2.63127	1	1 OR7A10	K04257
ENSG00000127529	5.13E-15	-2.63127	1	1 OR7C2	K04257
ENSG00000127530	5.13E-15	-2.63127	1	1 OR7C1	K04257
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ENSG00000127863	5.13E-15	-2.63127	1	1 TNFRSF19	K05155
ENSG00000127903	5.13E-15	-2.63127	1	1 ZNF835	K17985
ENSG00000127928	5.13E-15	-2.63127	1	1 GNGT1	K04548
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ENSG00000128052	5.13E-15	-2.63127	1	1 KDR	K05098
ENSG00000128253	5.13E-15	-2.63127	1	1 RFPL2	-
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ENSG00000128383	5.13E-15	-2.63127	1	1 APOBEC3A	-
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ENSG00000128610	5.13E-15	-2.63127	1	1 FEZF1	-
ENSG00000128645	5.13E-15	-2.63127	1	1 HOXD1	K09301
ENSG00000128655	5.13E-15	-2.63127	1	1 PDE11A	K13298
ENSG00000128683	5.13E-15	-2.63127	1	1 GAD1	K01580
ENSG00000128714	5.13E-15	-2.63127	1	1 HOXD13	K09298
ENSG00000128739	5.13E-15	-2.63127	1	1 SNRPN	K11100
ENSG00000128802	5.13E-15	-2.63127	1	1 GDF2	K05503
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ENSG00000129159	5.13E-15	-2.63127	1	1 KCNC1	K04887
ENSG00000129170	5.13E-15	-2.63127	1	1 CSRP3	K09377
ENSG00000129221	5.13E-15	-2.63127	1	1 AIPL1	K17767
ENSG00000129277	5.13E-15	-2.63127	1	1 CCL4	K12964
ENSG00000129295	5.13E-15	-2.63127	1	1 LRRC6	K19753
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ENSG00000129450	5.13E-15	-2.63127	1	1 SIGLEC9	K06740
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ENSG00000129465	5.13E-15	-2.63127	1	1 RIPK3	K08847
ENSG00000129467	5.13E-15	-2.63127	1	1 ADCY4	K08044
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ENSG00000129873	5.13E-15	-2.63127	1	1 CDY2B	K00653
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ENSG00000130035	5.13E-15	-2.63127	1	1 GALNT8	-
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ENSG00000130038	5.13E-15	-2.63127	1	1 EFCAB4B	K17199
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ENSG00000130176	5.13E-15	-2.63127	1	1 CNN1	-
ENSG00000130182	5.13E-15	-2.63127	1	1 ZSCAN10	K09230
ENSG00000130208	5.13E-15	-2.63127	1	1 APOC1	-
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ENSG00000130224	5.13E-15	-2.63127	1	1 LRCH2	-
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ENSG00000130294	5.13E-15	-2.63127	1	1 KIF1A	K10392

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ENSG00000130383	5.13E-15	-2.63127	1	1 FUT5	K07633
ENSG00000130385	5.13E-15	-2.63127	1	1 BMP15	K05498
ENSG00000130538	5.13E-15	-2.63127	1	1 OR11H1	K04257
ENSG00000130540	5.13E-15	-2.63127	1	1 SULT4A1	K11823
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ENSG00000130595	5.13E-15	-2.63127	1	1 TNNT3	K12046
ENSG00000130598	5.13E-15	-2.63127	1	1 TNNI2	K12043
ENSG00000130656	5.13E-15	-2.63127	1	1 HBZ	K13826
ENSG00000130700	5.13E-15	-2.63127	1	1 GATA5	K17896
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ENSG00000131068	5.13E-15	-2.63127	1	1 DEFB118	-
ENSG00000131089	5.13E-15	-2.63127	1	1 ARHGEF9	K05769
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ENSG00000131264	5.13E-15	-2.63127	1	1 CDX4	K09312
ENSG00000131398	5.13E-15	-2.63127	1	1 KCNC3	K04889
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ENSG00000131538	5.13E-15	-2.63127	1	1 TTTY6	-
ENSG00000131548	5.13E-15	-2.63127	1	1 TTTY6B	-
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ENSG00000131721	5.13E-15	-2.63127	1	1 RHOXF2	-
ENSG00000131738	5.13E-15	-2.63127	1	1 KRT33B	K07604
ENSG00000131808	5.13E-15	-2.63127	1	1 FSHB	K05250
ENSG00000131831	5.13E-15	-2.63127	1	1 RAI2	-
ENSG00000131864	5.13E-15	-2.63127	1	1 USP29	K11850
ENSG00000131910	5.13E-15	-2.63127	1	1 NR0B2	K08563
ENSG00000131914	5.13E-15	-2.63127	1	1 LIN28A	K18754
ENSG00000131951	5.13E-15	-2.63127	1	1 LRRC9	-
ENSG00000131982	5.13E-15	-2.63127	1	1 UBE2L2	K04552
ENSG00000132122	5.13E-15	-2.63127	1	1 SPATA6	K17532
ENSG00000132139	5.13E-15	-2.63127	1	1 GAS2L2	-
ENSG00000132185	5.13E-15	-2.63127	1	1 FCRLA	-
ENSG00000132205	5.13E-15	-2.63127	1	1 EMILIN2	-
ENSG00000132259	5.13E-15	-2.63127	1	1 CNGA4	K04951
ENSG00000132297	5.13E-15	-2.63127	1	1 HHLA1	-
ENSG00000132321	5.13E-15	-2.63127	1	1 IQCA1	-
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ENSG00000132429	5.13E-15	-2.63127	1	1 POPDC3	-
ENSG00000132446	5.13E-15	-2.63127	1	1 FTHL17	K00522
ENSG00000132464	5.13E-15	-2.63127	1	1 ENAM	K12795
ENSG00000132465	5.13E-15	-2.63127	1	1 IGJ	-

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ENSG00000132517	5.13E-15	-2.63127	1	1 SLC52A1	K11447
ENSG00000132518	5.13E-15	-2.63127	1	1 GUCY2D	K12321
ENSG00000132554	5.13E-15	-2.63127	1	1 RGS22	K16449
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ENSG00000132681	5.13E-15	-2.63127	1	1 ATP1A4	K01539
ENSG00000132698	5.13E-15	-2.63127	1	1 RAB25	K07906
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ENSG00000132718	5.13E-15	-2.63127	1	1 SYT11	K17985
ENSG00000132744	5.13E-15	-2.63127	1	1 ACY3	K18458
ENSG00000132746	5.13E-15	-2.63127	1	1 ALDH3B2	K00129
ENSG00000132821	5.13E-15	-2.63127	1	1 VSTM2L	—
ENSG00000132840	5.13E-15	-2.63127	1	1 BHMT2	—
ENSG00000132854	5.13E-15	-2.63127	1	1 KANK4	—
ENSG00000132872	5.13E-15	-2.63127	1	1 SYT4	—
ENSG00000132932	5.13E-15	-2.63127	1	1 ATP8A2	K14802
ENSG00000132958	5.13E-15	-2.63127	1	1 TPTE2	K18079
ENSG00000132970	5.13E-15	-2.63127	1	1 WASF3	K06083
ENSG00000132972	5.13E-15	-2.63127	1	1 RNF17	K18405
ENSG00000132975	5.13E-15	-2.63127	1	1 GPR12	K04315
ENSG00000133019	5.13E-15	-2.63127	1	1 CHRM3	K04131
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ENSG00000133107	5.13E-15	-2.63127	1	1 TRPC4	K04967
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ENSG00000133424	5.13E-15	-2.63127	1	1 LARGE	K09668
ENSG00000133454	5.13E-15	-2.63127	1	1 MYO18B	K10362
ENSG00000133475	5.13E-15	-2.63127	1	1 GGT2	K18592
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ENSG00000133574	5.13E-15	-2.63127	1	1 GIMAP4	—
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ENSG00000133742	5.13E-15	-2.63127	1	1 CA1	K01672
ENSG00000133800	5.13E-15	-2.63127	1	1 LYVE1	K19012
ENSG00000133878	5.13E-15	-2.63127	1	1 DUSP26	K14165
ENSG00000133937	5.13E-15	-2.63127	1	1 GSC	K09324
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ENSG00000134028	5.13E-15	-2.63127	1	1 ADAMDEC1	—
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ENSG00000134201	5.13E-15	-2.63127	1	1 GSTM5	K00799
ENSG00000134207	5.13E-15	-2.63127	1	1 SYT6	-
ENSG00000134216	5.13E-15	-2.63127	1	1 CHIA	K01183
ENSG00000134240	5.13E-15	-2.63127	1	1 HMGCS2	K01641
ENSG00000134242	5.13E-15	-2.63127	1	1 PTPN22	K18024
ENSG00000134249	5.13E-15	-2.63127	1	1 ADAM30	K08615
ENSG00000134259	5.13E-15	-2.63127	1	1 NGF	K02582
ENSG00000134323	5.13E-15	-2.63127	1	1 MYCN	K09109
ENSG00000134343	5.13E-15	-2.63127	1	1 ANO3	K19498
ENSG00000134389	5.13E-15	-2.63127	1	1 CFHR5	K04004
ENSG00000134438	5.13E-15	-2.63127	1	1 RAX	K09332
ENSG00000134443	5.13E-15	-2.63127	1	1 GRP	K05224
ENSG00000134460	5.13E-15	-2.63127	1	1 IL2RA	K05068
ENSG00000134489	5.13E-15	-2.63127	1	1 HRH4	K04152
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ENSG00000134545	5.13E-15	-2.63127	1	1 KLRC1	K06541
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ENSG00000134571	5.13E-15	-2.63127	1	1 MYBPC3	K12568
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ENSG00000134640	5.13E-15	-2.63127	1	1 MTNR1B	K04286
ENSG00000134716	5.13E-15	-2.63127	1	1 CYP2J2	K07418
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ENSG00000134762	5.13E-15	-2.63127	1	1 DSC3	K07602
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ENSG00000134873	5.13E-15	-2.63127	1	1 CLDN10	K06087
ENSG00000134917	5.13E-15	-2.63127	1	1 ADAMTS8	K08623
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ENSG00000135097	5.13E-15	-2.63127	1	1 MSI1	K14411
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ENSG00000135298	5.13E-15	-2.63127	1	1 BAI3	K04598
ENSG00000135312	5.13E-15	-2.63127	1	1 HTR1B	K04153
ENSG00000135314	5.13E-15	-2.63127	1	1 KHDC1	K12581
ENSG00000135324	5.13E-15	-2.63127	1	1 MRAP2	-
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ENSG00000135355	5.13E-15	-2.63127	1	1 GJA10	K07631
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ENSG00000136695	5.13E-15	-2.63127	1	1 IL36RN	K05483
ENSG00000136696	5.13E-15	-2.63127	1	1 IL36B	K05486
ENSG00000136697	5.13E-15	-2.63127	1	1 IL1F10	K05488
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ENSG00000137558	5.13E-15	-2.63127	1	1 PI15	-
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ENSG00000137675	5.13E-15	-2.63127	1	1 MMP27	K08005
ENSG00000137700	5.13E-15	-2.63127	1	1 SLC37A4	K08171
ENSG00000137707	5.13E-15	-2.63127	1	1 BTG4	K14443
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ENSG00000137726	5.13E-15	-2.63127	1	1 FXYD6	K13363
ENSG00000137727	5.13E-15	-2.63127	1	1 ARHGAP20	-
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ENSG00000137747	5.13E-15	-2.63127	1	1 TMPRSS13	K09643
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ENSG00000137766	5.13E-15	-2.63127	1	1 UNC13C	K15293
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ENSG00000138684	5.13E-15	-2.63127	1	1 IL21	K05434
ENSG00000138722	5.13E-15	-2.63127	1	1 MMRN1	-
ENSG00000138738	5.13E-15	-2.63127	1	1 PRDM5	-
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ENSG00000140030	5.13E-15	-2.63127	1	1 GPR65	K08416
ENSG00000140067	5.13E-15	-2.63127	1	1 FAM181A	-
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ENSG00000140093	5.13E-15	-2.63127	1	1 SERPINA10	K04525
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ENSG00000140274	5.13E-15	-2.63127	1	1 DUOXA2	K17232
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ENSG00000140379	5.13E-15	-2.63127	1	1 BCL2A1	K02162
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ENSG00000140538	5.13E-15	-2.63127	1	1 NTRK3	K05101
ENSG00000140600	5.13E-15	-2.63127	1	1 SH3GL3	K11247
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ENSG00000141665	5.13E-15	-2.63127	1	1 FBXO15	K10298
ENSG00000141668	5.13E-15	-2.63127	1	1 CBLN2	-
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ENSG00000142539	5.13E-15	-2.63127	1	1 CTD-2545M3.6	K09439
ENSG00000142606	5.13E-15	-2.63127	1	1 MMEL1	K08635
ENSG00000142698	5.13E-15	-2.63127	1	1 C1orf94	-
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ENSG00000142789	5.13E-15	-2.63127	1	1 CELA3A	K01345
ENSG00000142794	5.13E-15	-2.63127	1	1 NBPF3	-
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ENSG00000143297	5.13E-15	-2.63127	1	1 FCRL5	K06727
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ENSG00000143469	5.13E-15	-2.63127	1	1 SYT14	K19328
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ENSG00000143627	5.13E-15	-2.63127	1	1 PKLR	K12406
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ENSG00000143851	5.13E-15	-2.63127	1	1 PTPN7	K18019
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ENSG00000143869	5.13E-15	-2.63127	1	1 GDF7	K04664
ENSG00000143921	5.13E-15	-2.63127	1	1 ABCG8	K05684
ENSG00000143954	5.13E-15	-2.63127	1	1 REG3G	-
ENSG00000144010	5.13E-15	-2.63127	1	1 TRIM43B	K12019
ENSG00000144015	5.13E-15	-2.63127	1	1 TRIM43	K12019
ENSG00000144031	5.13E-15	-2.63127	1	1 ANKRD53	-
ENSG00000144043	5.13E-15	-2.63127	1	1 TEX261	-
ENSG00000144057	5.13E-15	-2.63127	1	1 ST6GAL2	K00779
ENSG00000144115	5.13E-15	-2.63127	1	1 THNSL2	-
ENSG00000144119	5.13E-15	-2.63127	1	1 C1QL2	-
ENSG00000144140	5.13E-15	-2.63127	1	1 RP11-143M1.7	K15636
ENSG00000144152	5.13E-15	-2.63127	1	1 FBLN7	K17342
ENSG00000144188	5.13E-15	-2.63127	1	1 TRIM43CP	K12019
ENSG00000144191	5.13E-15	-2.63127	1	1 CNGA3	K04950

ENSG00000144218	5.13E-15	-2.63127	1	1 AFF3	K15195
ENSG00000144227	5.13E-15	-2.63127	1	1 NXPB2	K16657
ENSG00000144290	5.13E-15	-2.63127	1	1 SLC4A10	K13861
ENSG00000144331	5.13E-15	-2.63127	1	1 ZNF385B	-
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ENSG00000144410	5.13E-15	-2.63127	1	1 CPO	-
ENSG00000144451	5.13E-15	-2.63127	1	1 SPAG16	-
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ENSG00000144619	5.13E-15	-2.63127	1	1 CNTN4	K06762
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ENSG00000144648	5.13E-15	-2.63127	1	1 ACKR2	K04187
ENSG00000144649	5.13E-15	-2.63127	1	1 FAM198A	-
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ENSG00000144681	5.13E-15	-2.63127	1	1 STAC	-
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ENSG00000144834	5.13E-15	-2.63127	1	1 TAGLN3	-
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ENSG00000144847	5.13E-15	-2.63127	1	1 IGSF11	K06791
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ENSG00000144891	5.13E-15	-2.63127	1	1 AGTR1	K04166
ENSG00000144908	5.13E-15	-2.63127	1	1 ALDH1L1	K00289
ENSG00000144962	5.13E-15	-2.63127	1	1 SPATA16	-
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ENSG00000145192	5.13E-15	-2.63127	1	1 AHSB	-
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ENSG00000145309	5.13E-15	-2.63127	1	1 CABS1	-
ENSG00000145321	5.13E-15	-2.63127	1	1 GC	K12258
ENSG00000145358	5.13E-15	-2.63127	1	1 DDIT4L	-
ENSG00000145362	5.13E-15	-2.63127	1	1 ANK2	K10380
ENSG00000145384	5.13E-15	-2.63127	1	1 FABP2	K08751
ENSG00000145423	5.13E-15	-2.63127	1	1 SFRP2	K02176
ENSG00000145428	5.13E-15	-2.63127	1	1 RNF175	-
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ENSG00000145526	5.13E-15	-2.63127	1	1 CDH18	K06805
ENSG00000145626	5.13E-15	-2.63127	1	1 UGT3A1	-
ENSG00000145642	5.13E-15	-2.63127	1	1 FAM159B	-
ENSG00000145649	5.13E-15	-2.63127	1	1 GZMA	K01352
ENSG00000145692	5.13E-15	-2.63127	1	1 BHMT	K00544
ENSG00000145708	5.13E-15	-2.63127	1	1 CRHBP	-
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ENSG00000145723	5.13E-15	-2.63127	1	1 GIN1	-
ENSG00000145734	5.13E-15	-2.63127	1	1 BDP1	K15198
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ENSG00000145808	5.13E-15	-2.63127	1	1 ADAMTS19	K08633
ENSG00000145824	5.13E-15	-2.63127	1	1 CXCL14	K10033
ENSG00000145826	5.13E-15	-2.63127	1	1 LECT2	-
ENSG00000145832	5.13E-15	-2.63127	1	1 SLC25A48	K15124
ENSG00000145835	5.13E-15	-2.63127	1	1 CDKN2AIPNLP2	-
ENSG00000145839	5.13E-15	-2.63127	1	1 IL9	K05432
ENSG00000145850	5.13E-15	-2.63127	1	1 TIMD4	-
ENSG00000145863	5.13E-15	-2.63127	1	1 GABRA6	-
ENSG00000145864	5.13E-15	-2.63127	1	1 GABRB2	K05181

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ENSG00000145920	5.13E-15	-2.63127	1	1 CPLX2	K15294
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ENSG00000146039	5.13E-15	-2.63127	1	1 SLC17A4	K12300
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ENSG00000146049	5.13E-15	-2.63127	1	1 KAAG1	-
ENSG00000146070	5.13E-15	-2.63127	1	1 PLA2G7	K01062
ENSG00000146112	5.13E-15	-2.63127	1	1 PPP1R18	K17559
ENSG00000146122	5.13E-15	-2.63127	1	1 DAAM2	K04512
ENSG00000146147	5.13E-15	-2.63127	1	1 MLIP	-
ENSG00000146151	5.13E-15	-2.63127	1	1 HMGCLL1	K01640
ENSG00000146192	5.13E-15	-2.63127	1	1 FGD2	K05721
ENSG00000146215	5.13E-15	-2.63127	1	1 CRIP3	-
ENSG00000146250	5.13E-15	-2.63127	1	1 PRSS35	-
ENSG00000146285	5.13E-15	-2.63127	1	1 SCML4	K11466
ENSG00000146350	5.13E-15	-2.63127	1	1 TBC1D32	K02927
ENSG00000146352	5.13E-15	-2.63127	1	1 CLVS2	-
ENSG00000146360	5.13E-15	-2.63127	1	1 GPR6	K04313
ENSG00000146374	5.13E-15	-2.63127	1	1 RSPO3	-
ENSG00000146378	5.13E-15	-2.63127	1	1 TAAR2	K05051
ENSG00000146383	5.13E-15	-2.63127	1	1 TAAR6	K05051
ENSG00000146385	5.13E-15	-2.63127	1	1 TAAR8	K05051
ENSG00000146386	5.13E-15	-2.63127	1	1 ABRACL	-
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ENSG00000146521	5.13E-15	-2.63127	1	1 C6orf123	K12581
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ENSG00000146618	5.13E-15	-2.63127	1	1 FERD3L	-
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ENSG00000146755	5.13E-15	-2.63127	1	1 TRIM50	K12024
ENSG00000146802	5.13E-15	-2.63127	1	1 TMEM168	K17985
ENSG00000146809	5.13E-15	-2.63127	1	1 ASB15	K10337
ENSG00000146857	5.13E-15	-2.63127	1	1 STRA8	-
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ENSG00000146950	5.13E-15	-2.63127	1	1 SHROOM2	K18625
ENSG00000147027	5.13E-15	-2.63127	1	1 TMEM47	-
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ENSG00000147041	5.13E-15	-2.63127	1	1 SYTL5	K17598
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ENSG00000147113	5.13E-15	-2.63127	1	1 CXorf36	-
ENSG00000147117	5.13E-15	-2.63127	1	1 ZNF157	K09228
ENSG00000147118	5.13E-15	-2.63127	1	1 ZNF182	K09228
ENSG00000147138	5.13E-15	-2.63127	1	1 GPR174	K08391
ENSG00000147155	5.13E-15	-2.63127	1	1 EBP	K01824
ENSG00000147160	5.13E-15	-2.63127	1	1 AWAT2	K11156
ENSG00000147180	5.13E-15	-2.63127	1	1 ZNF711	-
ENSG00000147223	5.13E-15	-2.63127	1	1 RIPPLY1	-
ENSG00000147231	5.13E-15	-2.63127	1	1 CXorf57	-
ENSG00000147246	5.13E-15	-2.63127	1	1 HTR2C	K04157
ENSG00000147256	5.13E-15	-2.63127	1	1 ARHGAP36	-
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ENSG00000147262	5.13E-15	-2.63127	1	1 GPR119	K08424
ENSG00000147364	5.13E-15	-2.63127	1	1 FBXO25	K10305
ENSG00000147378	5.13E-15	-2.63127	1	1 FATE1	-

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ENSG00000147381	5.13E-15	-2.63127	1	1 MAGEA4	-
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ENSG00000147434	5.13E-15	-2.63127	1	1 CHRNA6	K04808
ENSG00000147443	5.13E-15	-2.63127	1	1 DOK2	-
ENSG00000147481	5.13E-15	-2.63127	1	1 SNTG1	-
ENSG00000147570	5.13E-15	-2.63127	1	1 DNAJC5B	K09525
ENSG00000147571	5.13E-15	-2.63127	1	1 CRH	K05256
ENSG00000147573	5.13E-15	-2.63127	1	1 TRIM55	K10654
ENSG00000147596	5.13E-15	-2.63127	1	1 PRDM14	-
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ENSG00000147613	5.13E-15	-2.63127	1	1 PSKH2	K08808
ENSG00000147647	5.13E-15	-2.63127	1	1 DPYS	K01464
ENSG00000147655	5.13E-15	-2.63127	1	1 RSPO2	-
ENSG00000147753	5.13E-15	-2.63127	1	1 TTTY7	-
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ENSG00000147873	5.13E-15	-2.63127	1	1 IFNA5	K05414
ENSG00000147885	5.13E-15	-2.63127	1	1 IFNA16	K05414
ENSG00000147926	5.13E-15	-2.63127	1	1 SPATA31A3	-
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ENSG00000148082	5.13E-15	-2.63127	1	1 SHC3	K17448
ENSG00000148123	5.13E-15	-2.63127	1	1 LPPR1	K19581
ENSG00000148136	5.13E-15	-2.63127	1	1 OR13C4	K04257
ENSG00000148156	5.13E-15	-2.63127	1	1 ACTL7B	-
ENSG00000148215	5.13E-15	-2.63127	1	1 OR5C1	K04257
ENSG00000148288	5.13E-15	-2.63127	1	1 GBGT1	K00722
ENSG00000148386	5.13E-15	-2.63127	1	1 LCN9	-
ENSG00000148408	5.13E-15	-2.63127	1	1 CACNA1B	K04849
ENSG00000148468	5.13E-15	-2.63127	1	1 FAM171A1	-
ENSG00000148482	5.13E-15	-2.63127	1	1 SLC39A12	K14718
ENSG00000148483	5.13E-15	-2.63127	1	1 TMEM236	K14404
ENSG00000148488	5.13E-15	-2.63127	1	1 ST8SIA6	K06615
ENSG00000148513	5.13E-15	-2.63127	1	1 ANKRD30A	K17299
ENSG00000148541	5.13E-15	-2.63127	1	1 FAM13C	-
ENSG00000148584	5.13E-15	-2.63127	1	1 A1CF	-
ENSG00000148600	5.13E-15	-2.63127	1	1 CDHR1	K16501
ENSG00000148602	5.13E-15	-2.63127	1	1 LRIT1	-
ENSG00000148604	5.13E-15	-2.63127	1	1 RGR	K04254
ENSG00000148655	5.13E-15	-2.63127	1	1 C10orf11	K12022
ENSG00000148671	5.13E-15	-2.63127	1	1 ADIRF	-
ENSG00000148702	5.13E-15	-2.63127	1	1 HABP2	K08648
ENSG00000148704	5.13E-15	-2.63127	1	1 VAX1	K09318
ENSG00000148734	5.13E-15	-2.63127	1	1 NPFFR1	K04240
ENSG00000148798	5.13E-15	-2.63127	1	1 INA	K07608
ENSG00000148826	5.13E-15	-2.63127	1	1 NKX6-2	K09350
ENSG00000148935	5.13E-15	-2.63127	1	1 GAS2	-
ENSG00000148942	5.13E-15	-2.63127	1	1 SLC5A12	K14388
ENSG00000148948	5.13E-15	-2.63127	1	1 LRRC4C	K07523
ENSG00000148965	5.13E-15	-2.63127	1	1 SAA4	K17310
ENSG00000149021	5.13E-15	-2.63127	1	1 SCGB1A1	-
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ENSG00000149090	5.13E-15	-2.63127	1	1 PAMR1	-
ENSG00000149124	5.13E-15	-2.63127	1	1 GLYAT	K00628
ENSG00000149133	5.13E-15	-2.63127	1	1 OR5F1	K04257
ENSG00000149256	5.13E-15	-2.63127	1	1 TENM4	-
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ENSG00000149294	5.13E-15	-2.63127	1	1 NCAM1	K06491

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ENSG00000149300	5.13E-15	-2.63127	1	1 C11orf52	-
ENSG00000149305	5.13E-15	-2.63127	1	1 HTR3B	K04819
ENSG00000149403	5.13E-15	-2.63127	1	1 GRIK4	K05204
ENSG00000149435	5.13E-15	-2.63127	1	1 GGTL1	K18592
ENSG00000149443	5.13E-15	-2.63127	1	1 C20orf78	-
ENSG00000149451	5.13E-15	-2.63127	1	1 ADAM33	K08616
ENSG00000149452	5.13E-15	-2.63127	1	1 SLC22A8	K08205
ENSG00000149507	5.13E-15	-2.63127	1	1 OOSP2	-
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ENSG00000149534	5.13E-15	-2.63127	1	1 MS4A2	K08090
ENSG00000149548	5.13E-15	-2.63127	1	1 CCDC15	K16752
ENSG00000149557	5.13E-15	-2.63127	1	1 FEZ1	-
ENSG00000149582	5.13E-15	-2.63127	1	1 TMEM25	-
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ENSG00000149735	5.13E-15	-2.63127	1	1 GPHA2	-
ENSG00000149742	5.13E-15	-2.63127	1	1 SLC22A9	K08206
ENSG00000149968	5.13E-15	-2.63127	1	1 MMP3	K01394
ENSG00000149970	5.13E-15	-2.63127	1	1 CNKSR2	K17536
ENSG00000149972	5.13E-15	-2.63127	1	1 CNTN5	K06763
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ENSG00000150048	5.13E-15	-2.63127	1	1 CLEC1A	K10069
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ENSG00000150244	5.13E-15	-2.63127	1	1 TRIM48	K12019
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ENSG00000150269	5.13E-15	-2.63127	1	1 OR5M9	K04257
ENSG00000150275	5.13E-15	-2.63127	1	1 PCDH15	K16500
ENSG00000150276	5.13E-15	-2.63127	1	1 PPIAP2	K03767
ENSG00000150337	5.13E-15	-2.63127	1	1 FCGR1A	K06498
ENSG00000150361	5.13E-15	-2.63127	1	1 KLHL1	K10442
ENSG00000150394	5.13E-15	-2.63127	1	1 CDH8	K06800
ENSG00000150556	5.13E-15	-2.63127	1	1 LYPD6B	-
ENSG00000150594	5.13E-15	-2.63127	1	1 ADRA2A	K04138
ENSG00000150625	5.13E-15	-2.63127	1	1 GPM6A	-
ENSG00000150627	5.13E-15	-2.63127	1	1 WDR17	-
ENSG00000150628	5.13E-15	-2.63127	1	1 SPATA4	-
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ENSG00000150637	5.13E-15	-2.63127	1	1 CD226	K06567
ENSG00000150656	5.13E-15	-2.63127	1	1 CNDP1	K12581
ENSG00000150722	5.13E-15	-2.63127	1	1 PPP1R1C	K17549
ENSG00000150732	5.13E-15	-2.63127	1	1 RP11-134C1.1	K09228
ENSG00000150750	5.13E-15	-2.63127	1	1 C11orf53	-
ENSG00000150764	5.13E-15	-2.63127	1	1 DIXDC1	K00627
ENSG00000150773	5.13E-15	-2.63127	1	1 PIH1D2	-
ENSG00000150873	5.13E-15	-2.63127	1	1 C2orf50	-
ENSG00000150893	5.13E-15	-2.63127	1	1 FREM2	-
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ENSG00000151065	5.13E-15	-2.63127	1	1 DCP1B	K12611
ENSG00000151067	5.13E-15	-2.63127	1	1 CACNA1C	K04850
ENSG00000151079	5.13E-15	-2.63127	1	1 KCNA6	K04879
ENSG00000151136	5.13E-15	-2.63127	1	1 BTBD11	K10483
ENSG00000151224	5.13E-15	-2.63127	1	1 MAT1A	K00789
ENSG00000151322	5.13E-15	-2.63127	1	1 NPAS3	K09098
ENSG00000151365	5.13E-15	-2.63127	1	1 THRSP	-

ENSG00000151379	5.13E-15	-2.63127	1	1 MSGN1	K09077
ENSG00000151388	5.13E-15	-2.63127	1	1 ADAMTS12	K08626
ENSG00000151418	5.13E-15	-2.63127	1	1 ATP6V1G3	K02152
ENSG00000151475	5.13E-15	-2.63127	1	1 SLC25A31	K05863
ENSG00000151490	5.13E-15	-2.63127	1	1 PTPRO	K18035
ENSG00000151577	5.13E-15	-2.63127	1	1 DRD3	K04146
ENSG00000151612	5.13E-15	-2.63127	1	1 ZNF827	-
ENSG00000151615	5.13E-15	-2.63127	1	1 POU4F2	K09366
ENSG00000151631	5.13E-15	-2.63127	1	1 AKR1C6P	K04119
ENSG00000151632	5.13E-15	-2.63127	1	1 AKR1C2	K00089
ENSG00000151650	5.13E-15	-2.63127	1	1 VENTX	K17985
ENSG00000151692	5.13E-15	-2.63127	1	1 RNF144A	K11975
ENSG00000151702	5.13E-15	-2.63127	1	1 FLII	K09436
ENSG00000151704	5.13E-15	-2.63127	1	1 KCNJ1	K04995
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ENSG00000161405	5.13E-15	-2.63127	1	1 IKZF3	K09220
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ENSG00000161572	5.13E-15	-2.63127	1	1 LYZL6	K01185
ENSG00000161573	5.13E-15	-2.63127	1	1 CCL16	K05514
ENSG00000161574	5.13E-15	-2.63127	1	1 CCL15-CCL14	K05511
ENSG00000161583	5.13E-15	-2.63127	1	1 TBC1D3G	K11837
ENSG00000161594	5.13E-15	-2.63127	1	1 KLHL10	K10448
ENSG00000161609	5.13E-15	-2.63127	1	1 CCDC155	-
ENSG00000161634	5.13E-15	-2.63127	1	1 DCD	-
ENSG00000161640	5.13E-15	-2.63127	1	1 SIGLEC11	K06750
ENSG00000161649	5.13E-15	-2.63127	1	1 CD300LG	K16663
ENSG00000161652	5.13E-15	-2.63127	1	1 IZUMO2	-
ENSG00000161681	5.13E-15	-2.63127	1	1 SHANK1	K15009
ENSG00000161807	5.13E-15	-2.63127	1	1 OR7G1	K04257
ENSG00000161849	5.13E-15	-2.63127	1	1 KRT84	K07605
ENSG00000161850	5.13E-15	-2.63127	1	1 KRT82	K07605
ENSG00000161905	5.13E-15	-2.63127	1	1 ALOX15	K00460
ENSG00000161911	5.13E-15	-2.63127	1	1 TREML1	K14363
ENSG00000161944	5.13E-15	-2.63127	1	1 ASGR2	K10064

ENSG00000161973	5.13E-15	-2.63127	1	1 CCDC42	-
ENSG00000161992	5.13E-15	-2.63127	1	1 C16orf11	-
ENSG00000162040	5.13E-15	-2.63127	1	1 HS3ST6	K09679
ENSG00000162105	5.13E-15	-2.63127	1	1 SHANK2	K15009
ENSG00000162344	5.13E-15	-2.63127	1	1 FGF19	K04358
ENSG00000162365	5.13E-15	-2.63127	1	1 CYP4A22	K17688
ENSG00000162367	5.13E-15	-2.63127	1	1 TAL1	K09068
ENSG00000162373	5.13E-15	-2.63127	1	1 BEND5	-
ENSG00000162374	5.13E-15	-2.63127	1	1 ELAVL4	K13208
ENSG00000162383	5.13E-15	-2.63127	1	1 SLC1A7	K05618
ENSG00000162444	5.13E-15	-2.63127	1	1 RBP7	K10597
ENSG00000162456	5.13E-15	-2.63127	1	1 KNCN	-
ENSG00000162493	5.13E-15	-2.63127	1	1 PDPN	K16778
ENSG00000162494	5.13E-15	-2.63127	1	1 LRRC38	-
ENSG00000162543	5.13E-15	-2.63127	1	1 UBXN10	-
ENSG00000162571	5.13E-15	-2.63127	1	1 TTLL10	-
ENSG00000162594	5.13E-15	-2.63127	1	1 IL23R	K05065
ENSG00000162598	5.13E-15	-2.63127	1	1 C1orf87	-
ENSG00000162621	5.13E-15	-2.63127	1	1 LRRC53	-
ENSG00000162624	5.13E-15	-2.63127	1	1 LHX8	K09375
ENSG00000162631	5.13E-15	-2.63127	1	1 NTNG1	K07522
ENSG00000162643	5.13E-15	-2.63127	1	1 WDR63	-
ENSG00000162669	5.13E-15	-2.63127	1	1 HFM1	K15271
ENSG00000162685	5.13E-15	-2.63127	1	1 LSP1P3	K17608
ENSG00000162692	5.13E-15	-2.63127	1	1 VCAM1	K06527
ENSG00000162699	5.13E-15	-2.63127	1	1 DNAJA1P5	K09502
ENSG00000162706	5.13E-15	-2.63127	1	1 CADM3	K06780
ENSG00000162711	5.13E-15	-2.63127	1	1 NLRP3	K12800
ENSG00000162722	5.13E-15	-2.63127	1	1 TRIM58	K12027
ENSG00000162723	5.13E-15	-2.63127	1	1 SLAMF9	-
ENSG00000162727	5.13E-15	-2.63127	1	1 OR2M5	K04257
ENSG00000162738	5.13E-15	-2.63127	1	1 VANGL2	K04510
ENSG00000162739	5.13E-15	-2.63127	1	1 SLAMF6	K16852
ENSG00000162747	5.13E-15	-2.63127	1	1 FCGR3B	K06463
ENSG00000162755	5.13E-15	-2.63127	1	1 KLHDC9	-
ENSG00000162761	5.13E-15	-2.63127	1	1 LMX1A	K09371
ENSG00000162763	5.13E-15	-2.63127	1	1 LRRC52	-
ENSG00000162779	5.13E-15	-2.63127	1	1 AXDND1	-
ENSG00000162782	5.13E-15	-2.63127	1	1 TDRD5	K18407
ENSG00000162817	5.13E-15	-2.63127	1	1 C1orf115	-
ENSG00000162840	5.13E-15	-2.63127	1	1 MT2P1	K14739
ENSG00000162849	5.13E-15	-2.63127	1	1 KIF26B	K10404
ENSG00000162877	5.13E-15	-2.63127	1	1 PM20D1	K13049
ENSG00000162881	5.13E-15	-2.63127	1	1 OXER1	K10043
ENSG00000162896	5.13E-15	-2.63127	1	1 PIGR	K13073
ENSG00000162947	5.13E-15	-2.63127	1	1 AC007364.1	-
ENSG00000162949	5.13E-15	-2.63127	1	1 CAPN13	K08581
ENSG00000162951	5.13E-15	-2.63127	1	1 LRRTM1	K16665
ENSG00000162975	5.13E-15	-2.63127	1	1 KCNF1	K04899
ENSG00000162981	5.13E-15	-2.63127	1	1 FAM84A	-
ENSG00000162989	5.13E-15	-2.63127	1	1 KCNJ3	K04997
ENSG00000162992	5.13E-15	-2.63127	1	1 NEUROD1	K08033
ENSG00000163012	5.13E-15	-2.63127	1	1 ZSWIM2	K15716
ENSG00000163016	5.13E-15	-2.63127	1	1 ALMS1P	K16741
ENSG00000163032	5.13E-15	-2.63127	1	1 VSNL1	-
ENSG00000163040	5.13E-15	-2.63127	1	1 CCDC74A	-
ENSG00000163046	5.13E-15	-2.63127	1	1 ANKRD30BL	K17299
ENSG00000163060	5.13E-15	-2.63127	1	1 TEK4	K18631

ENSG00000163064	5.13E-15	-2.63127	1	1 EN1	-
ENSG00000163069	5.13E-15	-2.63127	1	1 SGCB	K12566
ENSG00000163071	5.13E-15	-2.63127	1	1 SPATA18	-
ENSG00000163075	5.13E-15	-2.63127	1	1 PCDP1	-
ENSG00000163081	5.13E-15	-2.63127	1	1 CCDC140	-
ENSG00000163092	5.13E-15	-2.63127	1	1 XIRP2	-
ENSG00000163093	5.13E-15	-2.63127	1	1 BBS5	K16748
ENSG00000163098	5.13E-15	-2.63127	1	1 BIRC8	K04725
ENSG00000163114	5.13E-15	-2.63127	1	1 PDHA2	K00161
ENSG00000163116	5.13E-15	-2.63127	1	1 STPG2	-
ENSG00000163145	5.13E-15	-2.63127	1	1 C1QTNF7	-
ENSG00000163157	5.13E-15	-2.63127	1	1 TMOD4	K10370
ENSG00000163202	5.13E-15	-2.63127	1	1 LCE3D	-
ENSG00000163206	5.13E-15	-2.63127	1	1 SMCP	-
ENSG00000163207	5.13E-15	-2.63127	1	1 IVL	-
ENSG00000163209	5.13E-15	-2.63127	1	1 SPRR3	-
ENSG00000163217	5.13E-15	-2.63127	1	1 BMP10	K05503
ENSG00000163218	5.13E-15	-2.63127	1	1 PGLYRP4	K01446
ENSG00000163219	5.13E-15	-2.63127	1	1 ARHGAP25	-
ENSG00000163235	5.13E-15	-2.63127	1	1 TGFA	K08774
ENSG00000163254	5.13E-15	-2.63127	1	1 CRYGC	-
ENSG00000163273	5.13E-15	-2.63127	1	1 NPPC	K12336
ENSG00000163285	5.13E-15	-2.63127	1	1 GABRG1	K05186
ENSG00000163288	5.13E-15	-2.63127	1	1 GABRB1	K05181
ENSG00000163331	5.13E-15	-2.63127	1	1 DAPL1	-
ENSG00000163364	5.13E-15	-2.63127	1	1 LINC01116	-
ENSG00000163377	5.13E-15	-2.63127	1	1 FAM19A4	-
ENSG00000163394	5.13E-15	-2.63127	1	1 CCKAR	K04194
ENSG00000163421	5.13E-15	-2.63127	1	1 PROK2	-
ENSG00000163424	5.13E-15	-2.63127	1	1 C3orf30	-
ENSG00000163440	5.13E-15	-2.63127	1	1 PDCL2	-
ENSG00000163464	5.13E-15	-2.63127	1	1 CXCR1	K04175
ENSG00000163492	5.13E-15	-2.63127	1	1 CCDC141	-
ENSG00000163499	5.13E-15	-2.63127	1	1 CRYBA2	-
ENSG00000163501	5.13E-15	-2.63127	1	1 IHH	K11989
ENSG00000163515	5.13E-15	-2.63127	1	1 RETNLB	-
ENSG00000163518	5.13E-15	-2.63127	1	1 FCRL4	-
ENSG00000163519	5.13E-15	-2.63127	1	1 TRAT1	-
ENSG00000163534	5.13E-15	-2.63127	1	1 FCRL1	K06727
ENSG00000163554	5.13E-15	-2.63127	1	1 SPTA1	K06114
ENSG00000163563	5.13E-15	-2.63127	1	1 MNDA	-
ENSG00000163564	5.13E-15	-2.63127	1	1 PYHIN1	-
ENSG00000163581	5.13E-15	-2.63127	1	1 SLC2A2	K07593
ENSG00000163586	5.13E-15	-2.63127	1	1 FABP1	K08750
ENSG00000163599	5.13E-15	-2.63127	1	1 CTLA4	K06538
ENSG00000163600	5.13E-15	-2.63127	1	1 ICOS	K06713
ENSG00000163606	5.13E-15	-2.63127	1	1 CD200R1	-
ENSG00000163612	5.13E-15	-2.63127	1	1 FAM86KP	K12354
ENSG00000163623	5.13E-15	-2.63127	1	1 NKX6-1	K08030
ENSG00000163624	5.13E-15	-2.63127	1	1 CDS1	K00981
ENSG00000163629	5.13E-15	-2.63127	1	1 PTPN13	K02374
ENSG00000163630	5.13E-15	-2.63127	1	1 SYNPR	-
ENSG00000163631	5.13E-15	-2.63127	1	1 ALB	K16141
ENSG00000163638	5.13E-15	-2.63127	1	1 ADAMTS9	K08624
ENSG00000163645	5.13E-15	-2.63127	1	1 FAM194A	-
ENSG00000163646	5.13E-15	-2.63127	1	1 CLRN1	-
ENSG00000163661	5.13E-15	-2.63127	1	1 PTX3	-
ENSG00000163673	5.13E-15	-2.63127	1	1 DCLK3	K17530

ENSG00000163705	5.13E-15	-2.63127	1	1 FANCD2OS	K10891
ENSG00000163735	5.13E-15	-2.63127	1	1 CXCL5	K05506
ENSG00000163736	5.13E-15	-2.63127	1	1 PPBP	K10029
ENSG00000163737	5.13E-15	-2.63127	1	1 PF4	K05407
ENSG00000163739	5.13E-15	-2.63127	1	1 CXCL1	K05505
ENSG00000163746	5.13E-15	-2.63127	1	1 PLSCR2	-
ENSG00000163751	5.13E-15	-2.63127	1	1 CPA3	K08780
ENSG00000163792	5.13E-15	-2.63127	1	1 TCF23	-
ENSG00000163793	5.13E-15	-2.63127	1	1 DNAJC5G	K09525
ENSG00000163825	5.13E-15	-2.63127	1	1 RTP3	-
ENSG00000163827	5.13E-15	-2.63127	1	1 LRRC2	K17985
ENSG00000163833	5.13E-15	-2.63127	1	1 FBXO40	K10315
ENSG00000163864	5.13E-15	-2.63127	1	1 NMNAT3	K06210
ENSG00000163873	5.13E-15	-2.63127	1	1 GRIK3	K05203
ENSG00000163885	5.13E-15	-2.63127	1	1 CCDC37	-
ENSG00000163909	5.13E-15	-2.63127	1	1 HEYL	K09091
ENSG00000163914	5.13E-15	-2.63127	1	1 RHO	K04250
ENSG00000163958	5.13E-15	-2.63127	1	1 ZDHHC19	K18932
ENSG00000163982	5.13E-15	-2.63127	1	1 OTOPI	-
ENSG00000164002	5.13E-15	-2.63127	1	1 EXO5	K17815
ENSG00000164035	5.13E-15	-2.63127	1	1 EMCN	K16664
ENSG00000164047	5.13E-15	-2.63127	1	1 CAMP	K13916
ENSG00000164082	5.13E-15	-2.63127	1	1 GRM2	K04605
ENSG00000164093	5.13E-15	-2.63127	1	1 PITX2	K04686
ENSG00000164100	5.13E-15	-2.63127	1	1 NDST3	K02578
ENSG00000164106	5.13E-15	-2.63127	1	1 SCRG1	-
ENSG00000164107	5.13E-15	-2.63127	1	1 HAND2	K18486
ENSG00000164112	5.13E-15	-2.63127	1	1 TMEM155	-
ENSG00000164113	5.13E-15	-2.63127	1	1 ADAD1	-
ENSG00000164114	5.13E-15	-2.63127	1	1 MAP9	K10434
ENSG00000164116	5.13E-15	-2.63127	1	1 GUCY1A3	K12318
ENSG00000164120	5.13E-15	-2.63127	1	1 HPGD	K00069
ENSG00000164123	5.13E-15	-2.63127	1	1 C4orf45	-
ENSG00000164124	5.13E-15	-2.63127	1	1 TMEM144	K09488
ENSG00000164125	5.13E-15	-2.63127	1	1 FAM198B	-
ENSG00000164128	5.13E-15	-2.63127	1	1 NPY1R	K04204
ENSG00000164129	5.13E-15	-2.63127	1	1 NPY5R	K04207
ENSG00000164161	5.13E-15	-2.63127	1	1 HHIP	K06231
ENSG00000164197	5.13E-15	-2.63127	1	1 RNF180	K15708
ENSG00000164220	5.13E-15	-2.63127	1	1 F2RL2	K04235
ENSG00000164241	5.13E-15	-2.63127	1	1 C5orf63	-
ENSG00000164256	5.13E-15	-2.63127	1	1 PRDM9	K09228
ENSG00000164270	5.13E-15	-2.63127	1	1 HTR4	K04160
ENSG00000164283	5.13E-15	-2.63127	1	1 ESM1	-
ENSG00000164287	5.13E-15	-2.63127	1	1 CDC20B	-
ENSG00000164299	5.13E-15	-2.63127	1	1 SPZ1	K17482
ENSG00000164325	5.13E-15	-2.63127	1	1 TMEM174	-
ENSG00000164326	5.13E-15	-2.63127	1	1 CARTPT	-
ENSG00000164334	5.13E-15	-2.63127	1	1 FAM170A	-
ENSG00000164344	5.13E-15	-2.63127	1	1 KLKB1	K01324
ENSG00000164363	5.13E-15	-2.63127	1	1 SLC6A18	K05048
ENSG00000164379	5.13E-15	-2.63127	1	1 FOXQ1	K09410
ENSG00000164393	5.13E-15	-2.63127	1	1 GPR111	K08454
ENSG00000164398	5.13E-15	-2.63127	1	1 ACSL6	K01897
ENSG00000164399	5.13E-15	-2.63127	1	1 IL3	K04736
ENSG00000164400	5.13E-15	-2.63127	1	1 CSF2	K05427
ENSG00000164411	5.13E-15	-2.63127	1	1 GJB7	K07626
ENSG00000164434	5.13E-15	-2.63127	1	1 FABP7	K08756

ENSG00000164440	5.13E-15	-2.63127	1	1 TXLNB	-
ENSG00000164483	5.13E-15	-2.63127	1	1 SAMD3	-
ENSG00000164484	5.13E-15	-2.63127	1	1 TMEM200A	-
ENSG00000164488	5.13E-15	-2.63127	1	1 DACT2	-
ENSG00000164500	5.13E-15	-2.63127	1	1 C7orf72	-
ENSG00000164508	5.13E-15	-2.63127	1	1 HIST1H2AA	K11251
ENSG00000164556	5.13E-15	-2.63127	1	1 FAM183B	-
ENSG00000164588	5.13E-15	-2.63127	1	1 HCN1	K04954
ENSG00000164600	5.13E-15	-2.63127	1	1 NEUROD6	K09080
ENSG00000164604	5.13E-15	-2.63127	1	1 GPR85	K04302
ENSG00000164616	5.13E-15	-2.63127	1	1 FBXL21	K10287
ENSG00000164627	5.13E-15	-2.63127	1	1 KIF6	K10397
ENSG00000164645	5.13E-15	-2.63127	1	1 C7orf62	-
ENSG00000164687	5.13E-15	-2.63127	1	1 FABP5	K08754
ENSG00000164690	5.13E-15	-2.63127	1	1 SHH	K11988
ENSG00000164692	5.13E-15	-2.63127	1	1 COL1A2	K06236
ENSG00000164694	5.13E-15	-2.63127	1	1 FNDC1	-
ENSG00000164708	5.13E-15	-2.63127	1	1 PGAM2	K01834
ENSG00000164729	5.13E-15	-2.63127	1	1 SLC35G3	-
ENSG00000164736	5.13E-15	-2.63127	1	1 SOX17	K04495
ENSG00000164740	5.13E-15	-2.63127	1	1 SEPT7P5	K16944
ENSG00000164743	5.13E-15	-2.63127	1	1 C8orf48	-
ENSG00000164756	5.13E-15	-2.63127	1	1 SLC30A8	K14695
ENSG00000164778	5.13E-15	-2.63127	1	1 EN2	K09319
ENSG00000164794	5.13E-15	-2.63127	1	1 KCNV1	K04934
ENSG00000164796	5.13E-15	-2.63127	1	1 CSMD3	K17495
ENSG00000164816	5.13E-15	-2.63127	1	1 DEFA5	K05230
ENSG00000164821	5.13E-15	-2.63127	1	1 DEFA4	K05230
ENSG00000164822	5.13E-15	-2.63127	1	1 DEFA6	K05230
ENSG00000164825	5.13E-15	-2.63127	1	1 DEFB1	-
ENSG00000164853	5.13E-15	-2.63127	1	1 UNCX	K09328
ENSG00000164871	5.13E-15	-2.63127	1	1 SPAG11B	-
ENSG00000164879	5.13E-15	-2.63127	1	1 CA3	K01672
ENSG00000164893	5.13E-15	-2.63127	1	1 SLC7A13	K13870
ENSG00000164900	5.13E-15	-2.63127	1	1 GBX1	K09321
ENSG00000164929	5.13E-15	-2.63127	1	1 BAALC	-
ENSG00000164932	5.13E-15	-2.63127	1	1 CTHRC1	-
ENSG00000164935	5.13E-15	-2.63127	1	1 DCSTAMP	-
ENSG00000164972	5.13E-15	-2.63127	1	1 C9orf24	K18634
ENSG00000165023	5.13E-15	-2.63127	1	1 DIRAS2	K07841
ENSG00000165025	5.13E-15	-2.63127	1	1 SYK	K05855
ENSG00000165059	5.13E-15	-2.63127	1	1 PRKACG	K04345
ENSG00000165061	5.13E-15	-2.63127	1	1 ZMAT4	K03941
ENSG00000165066	5.13E-15	-2.63127	1	1 NKX6-3	K09351
ENSG00000165071	5.13E-15	-2.63127	1	1 TMEM71	-
ENSG00000165078	5.13E-15	-2.63127	1	1 CPA6	K08782
ENSG00000165091	5.13E-15	-2.63127	1	1 TMC1	-
ENSG00000165105	5.13E-15	-2.63127	1	1 RASEF	K17199
ENSG00000165131	5.13E-15	-2.63127	1	1 C7orf34	-
ENSG00000165152	5.13E-15	-2.63127	1	1 TMEM246	-
ENSG00000165164	5.13E-15	-2.63127	1	1 CXorf22	-
ENSG00000165178	5.13E-15	-2.63127	1	1 NCF1C	K08011
ENSG00000165182	5.13E-15	-2.63127	1	1 CXorf58	-
ENSG00000165186	5.13E-15	-2.63127	1	1 PTCHD1	-
ENSG00000165192	5.13E-15	-2.63127	1	1 ASB11	K10333
ENSG00000165202	5.13E-15	-2.63127	1	1 OR1Q1	K04257
ENSG00000165204	5.13E-15	-2.63127	1	1 OR1K1	K04257
ENSG00000165215	5.13E-15	-2.63127	1	1 CLDN3	K06087

ENSG00000165259	5.13E-15	-2.63127	1	1 HDX	-
ENSG00000165309	5.13E-15	-2.63127	1	1 ARMC3	-
ENSG00000165323	5.13E-15	-2.63127	1	1 FAT3	K16506
ENSG00000165349	5.13E-15	-2.63127	1	1 SLC7A3	K13865
ENSG00000165359	5.13E-15	-2.63127	1	1 DDX26B	K13180
ENSG00000165370	5.13E-15	-2.63127	1	1 GPR101	K08423
ENSG00000165376	5.13E-15	-2.63127	1	1 CLDN2	K06087
ENSG00000165379	5.13E-15	-2.63127	1	1 LRFN5	K16358
ENSG00000165383	5.13E-15	-2.63127	1	1 LRRC18	-
ENSG00000165388	5.13E-15	-2.63127	1	1 ZNF488	-
ENSG00000165443	5.13E-15	-2.63127	1	1 PHYHIPL	-
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ENSG00000165584	5.13E-15	-2.63127	1	1 SSX3	K15625
ENSG00000165588	5.13E-15	-2.63127	1	1 OTX2	K18490
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ENSG00000169507	5.13E-15	-2.63127	1	1 SLC38A11	K14997
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ENSG00000169676	5.13E-15	-2.63127	1	1 DRD5	K05840
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ENSG00000170486	5.13E-15	-2.63127	1	1 KRT72	K07605
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ENSG00000170561	5.13E-15	-2.63127	1	1 IRX2	-
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ENSG00000170683	5.13E-15	-2.63127	1	1 OR10A3	K04257
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ENSG00000170858	5.13E-15	-2.63127	1	1 LILRP2	K06512
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ENSG00000171446	5.13E-15	-2.63127	1	1 KRT27	K07604
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ENSG00000171484	5.13E-15	-2.63127	1	1 OR1B1	K04257
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ENSG00000171540	5.13E-15	-2.63127	1	1 OTP	-
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ENSG00000171587	5.13E-15	-2.63127	1	1 DSCAM	K06767
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ENSG00000171643	5.13E-15	-2.63127	1	1 S100Z	-
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ENSG00000171722	5.13E-15	-2.63127	1	1 C1orf111	-
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ENSG00000171794	5.13E-15	-2.63127	1	1 UTF1	-
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ENSG00000171936	5.13E-15	-2.63127	1	1 OR10H3	K04257
ENSG00000171942	5.13E-15	-2.63127	1	1 OR10H2	K04257
ENSG00000171944	5.13E-15	-2.63127	1	1 OR52A5	K04257
ENSG00000171954	5.13E-15	-2.63127	1	1 CYP4F22	K17731
ENSG00000171987	5.13E-15	-2.63127	1	1 C11orf40	-
ENSG00000171989	5.13E-15	-2.63127	1	1 LDHAL6B	K00016
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ENSG00000172020	5.13E-15	-2.63127	1	1 GAP43	-
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ENSG00000172150	5.13E-15	-2.63127	1	1 OR1A2	K04257
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ENSG00000172155	5.13E-15	-2.63127	1	1 LCE1D	-
ENSG00000172156	5.13E-15	-2.63127	1	1 CCL11	K16597
ENSG00000172179	5.13E-15	-2.63127	1	1 PRL	K05439
ENSG00000172186	5.13E-15	-2.63127	1	1 HMGN1P35	K11299
ENSG00000172188	5.13E-15	-2.63127	1	1 OR4C11	K04257
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ENSG00000172289	5.13E-15	-2.63127	1	1 OR10V1	K04257
ENSG00000172292	5.13E-15	-2.63127	1	1 CERS6	K04710
ENSG00000172294	5.13E-15	-2.63127	1	1 CSPG4P4Y	K08115
ENSG00000172297	5.13E-15	-2.63127	1	1 GOLGA2P3Y	-
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ENSG00000172320	5.13E-15	-2.63127	1	1 OR5A1	K04257
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ENSG00000172352	5.13E-15	-2.63127	1	1 CDY1B	K00653
ENSG00000172362	5.13E-15	-2.63127	1	1 OR5B12	K04257
ENSG00000172365	5.13E-15	-2.63127	1	1 OR5B2	K04257
ENSG00000172377	5.13E-15	-2.63127	1	1 OR9I1	K04257
ENSG00000172381	5.13E-15	-2.63127	1	1 OR6Q1	K04257
ENSG00000172399	5.13E-15	-2.63127	1	1 MYOZ2	-
ENSG00000172410	5.13E-15	-2.63127	1	1 INSL5	K05255

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ENSG00000172425	5.13E-15	-2.63127	1	1 TTC36	-
ENSG00000172457	5.13E-15	-2.63127	1	1 OR9G4	K04257
ENSG00000172459	5.13E-15	-2.63127	1	1 OR5AR1	K04257
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ENSG00000172464	5.13E-15	-2.63127	1	1 OR5AP2	K04257
ENSG00000172468	5.13E-15	-2.63127	1	1 HSFY1	-
ENSG00000172487	5.13E-15	-2.63127	1	1 OR8J1	K04257
ENSG00000172489	5.13E-15	-2.63127	1	1 OR5T3	K04257
ENSG00000172497	5.13E-15	-2.63127	1	1 ACOT12	K01067
ENSG00000172519	5.13E-15	-2.63127	1	1 OR10H5	K04257
ENSG00000172538	5.13E-15	-2.63127	1	1 FAM170B	-
ENSG00000172548	5.13E-15	-2.63127	1	1 NIPAL4	-
ENSG00000172551	5.13E-15	-2.63127	1	1 MUCL1	-
ENSG00000172554	5.13E-15	-2.63127	1	1 SNTG2	K14209
ENSG00000172568	5.13E-15	-2.63127	1	1 FNDC9	-
ENSG00000172578	5.13E-15	-2.63127	1	1 KLHL6	K10444
ENSG00000172640	5.13E-15	-2.63127	1	1 OR10AD1	K04257
ENSG00000172653	5.13E-15	-2.63127	1	1 C17orf66	-
ENSG00000172673	5.13E-15	-2.63127	1	1 THEMIS	-
ENSG00000172680	5.13E-15	-2.63127	1	1 MOS	K04367
ENSG00000172689	5.13E-15	-2.63127	1	1 MS4A10	K12581
ENSG00000172716	5.13E-15	-2.63127	1	1 SLFN11	-
ENSG00000172724	5.13E-15	-2.63127	1	1 CCL19	K05512
ENSG00000172733	5.13E-15	-2.63127	1	1 PURG	-
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ENSG00000172746	5.13E-15	-2.63127	1	1 RP11-344H11.4	K02870
ENSG00000172769	5.13E-15	-2.63127	1	1 OR5B3	K04257
ENSG00000172772	5.13E-15	-2.63127	1	1 OR10W1	K04257
ENSG00000172774	5.13E-15	-2.63127	1	1 OR1S1	K04257
ENSG00000172782	5.13E-15	-2.63127	1	1 FADS6	K12419
ENSG00000172794	5.13E-15	-2.63127	1	1 RAB37	K07914
ENSG00000172799	5.13E-15	-2.63127	1	1 ZBTB8OSP2	-
ENSG00000172817	5.13E-15	-2.63127	1	1 CYP7B1	K07430
ENSG00000172824	5.13E-15	-2.63127	1	1 CES4A	-
ENSG00000172867	5.13E-15	-2.63127	1	1 KRT2	K07605
ENSG00000172900	5.13E-15	-2.63127	1	1 AP002387.1	-
ENSG00000172912	5.13E-15	-2.63127	1	1 COX6B1P3	K02267
ENSG00000172915	5.13E-15	-2.63127	1	1 NBEA	-
ENSG00000172935	5.13E-15	-2.63127	1	1 MRGPRF	K08394
ENSG00000172938	5.13E-15	-2.63127	1	1 MRGPRD	K08392
ENSG00000172940	5.13E-15	-2.63127	1	1 SLC22A13	K08209
ENSG00000172969	5.13E-15	-2.63127	1	1 FRG2C	K19328
ENSG00000172971	5.13E-15	-2.63127	1	1 UNC93B3	K04257
ENSG00000172987	5.13E-15	-2.63127	1	1 HPSE2	K07965
ENSG00000172995	5.13E-15	-2.63127	1	1 ARPP21	-
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ENSG00000173077	5.13E-15	-2.63127	1	1	1-Dec K11447
ENSG00000173093	5.13E-15	-2.63127	1	1 CCDC63	-
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ENSG00000173200	5.13E-15	-2.63127	1	1 PARP15	K15261
ENSG00000173208	5.13E-15	-2.63127	1	1 ABCD2	K05676
ENSG00000173210	5.13E-15	-2.63127	1	1 ABLIM3	K07520
ENSG00000173213	5.13E-15	-2.63127	1	1 RP11-683L23.1	K07375
ENSG00000173231	5.13E-15	-2.63127	1	1 TERF1P1	K11110
ENSG00000173239	5.13E-15	-2.63127	1	1 LIPM	K19406
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ENSG00000173253	5.13E-15	-2.63127	1	1 DMRT2	K19489

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ENSG00000173302	5.13E-15	-2.63127	1	1 GPR148	K08432
ENSG00000173335	5.13E-15	-2.63127	1	1 CST9	K13905
ENSG00000173349	5.13E-15	-2.63127	1	1 SFT2D3	-
ENSG00000173357	5.13E-15	-2.63127	1	1 AC007967.3	K12885
ENSG00000173366	5.13E-15	-2.63127	1	1 TLR9	K10161
ENSG00000173369	5.13E-15	-2.63127	1	1 C1QB	K03987
ENSG00000173372	5.13E-15	-2.63127	1	1 C1QA	K03986
ENSG00000173376	5.13E-15	-2.63127	1	1 NDNF	-
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ENSG00000173406	5.13E-15	-2.63127	1	1 DAB1	-
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ENSG00000173452	5.13E-15	-2.63127	1	1 TMEM196	-
ENSG00000173464	5.13E-15	-2.63127	1	1 RNASE11	K16633
ENSG00000173467	5.13E-15	-2.63127	1	1 AGR3	-
ENSG00000173530	5.13E-15	-2.63127	1	1 TNFRSF10D	K04722
ENSG00000173557	5.13E-15	-2.63127	1	1 C2orf70	-
ENSG00000173572	5.13E-15	-2.63127	1	1 NLRP13	-
ENSG00000173578	5.13E-15	-2.63127	1	1 XCR1	K04193
ENSG00000173585	5.13E-15	-2.63127	1	1 CCR9	K04184
ENSG00000173597	5.13E-15	-2.63127	1	1 SULT1B1	K01025
ENSG00000173610	5.13E-15	-2.63127	1	1 UGT2A1	K00699
ENSG00000173612	5.13E-15	-2.63127	1	1 GPRC6A	K04622
ENSG00000173627	5.13E-15	-2.63127	1	1 APOBEC4	K18773
ENSG00000173679	5.13E-15	-2.63127	1	1 OR1L1	K04257
ENSG00000173699	5.13E-15	-2.63127	1	1 SPATA3	-
ENSG00000173714	5.13E-15	-2.63127	1	1 WFIKKN2	-
ENSG00000173769	5.13E-15	-2.63127	1	1 TOPAZ1	-
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ENSG00000173810	5.13E-15	-2.63127	1	1 PPIAP7	K03767
ENSG00000173862	5.13E-15	-2.63127	1	1 RP11-89N17.1	-
ENSG00000173876	5.13E-15	-2.63127	1	1 TUBB8	K07375
ENSG00000173908	5.13E-15	-2.63127	1	1 KRT28	K07604
ENSG00000173930	5.13E-15	-2.63127	1	1 SLCO4C1	K14355
ENSG00000173947	5.13E-15	-2.63127	1	1 PIFO	-
ENSG00000173954	5.13E-15	-2.63127	1	1 SNURFL	-
ENSG00000173966	5.13E-15	-2.63127	1	1 RP11-18M17.1	-
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ENSG00000173988	5.13E-15	-2.63127	1	1 LRRC63	-
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ENSG00000174059	5.13E-15	-2.63127	1	1 CD34	K06474
ENSG00000174083	5.13E-15	-2.63127	1	1 PIK3R6	-
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ENSG00000174123	5.13E-15	-2.63127	1	1 TLR10	K10171
ENSG00000174145	5.13E-15	-2.63127	1	1 KIAA1239	-
ENSG00000174156	5.13E-15	-2.63127	1	1 GSTA3	K00799
ENSG00000174175	5.13E-15	-2.63127	1	1 SELP	K06496
ENSG00000174226	5.13E-15	-2.63127	1	1 SNX31	K17937
ENSG00000174255	5.13E-15	-2.63127	1	1 ZNF80	K09228
ENSG00000174279	5.13E-15	-2.63127	1	1 EVX2	K09320
ENSG00000174325	5.13E-15	-2.63127	1	1 DIRC1	-
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ENSG00000174348	5.13E-15	-2.63127	1	1 PODN	K11447
ENSG00000174368	5.13E-15	-2.63127	1	1 PMS2P2	K10858
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ENSG00000174384	5.13E-15	-2.63127	1	1 RP11-313P13.4	K10858

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ENSG00000174407	5.13E-15	-2.63127	1	1 C20orf166	-
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ENSG00000174418	5.13E-15	-2.63127	1	1 RPL35P9	K02918
ENSG00000174429	5.13E-15	-2.63127	1	1 ABRA	-
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ENSG00000174453	5.13E-15	-2.63127	1	1 VWC2L	-
ENSG00000174460	5.13E-15	-2.63127	1	1 ZCCHC12	-
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ENSG00000174495	5.13E-15	-2.63127	1	1 AC005017.2	K03767
ENSG00000174567	5.13E-15	-2.63127	1	1 GOLT1A	-
ENSG00000174572	5.13E-15	-2.63127	1	1 RP11-209A2.1	K02866
ENSG00000174599	5.13E-15	-2.63127	1	1 TRAM1L1	K14010
ENSG00000174600	5.13E-15	-2.63127	1	1 CMKLR1	K04245
ENSG00000174611	5.13E-15	-2.63127	1	1 KY	-
ENSG00000174667	5.13E-15	-2.63127	1	1 OR7D4	K04257
ENSG00000174677	5.13E-15	-2.63127	1	1 VN1R6P	K04614
ENSG00000174678	5.13E-15	-2.63127	1	1 FAM47DP	-
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ENSG00000174697	5.13E-15	-2.63127	1	1 LEP	K05424
ENSG00000174740	5.13E-15	-2.63127	1	1 PABPC5	K13126
ENSG00000174776	5.13E-15	-2.63127	1	1 WDR49	-
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ENSG00000174808	5.13E-15	-2.63127	1	1 BTC	K09783
ENSG00000174876	5.13E-15	-2.63127	1	1 AMY1B	K01176
ENSG00000174899	5.13E-15	-2.63127	1	1 C3orf55	-
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ENSG00000174930	5.13E-15	-2.63127	1	1 VN2R1P	K04613
ENSG00000174937	5.13E-15	-2.63127	1	1 OR5M3	K04257
ENSG00000174942	5.13E-15	-2.63127	1	1 OR5R1	K04257
ENSG00000174944	5.13E-15	-2.63127	1	1 P2RY14	K04299
ENSG00000174946	5.13E-15	-2.63127	1	1 GPR171	K08441
ENSG00000174948	5.13E-15	-2.63127	1	1 GPR149	K08433
ENSG00000174950	5.13E-15	-2.63127	1	1 CD164L2	K10104
ENSG00000174957	5.13E-15	-2.63127	1	1 OR5J2	K04257
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ENSG00000174970	5.13E-15	-2.63127	1	1 OR10AG1	K04257
ENSG00000174982	5.13E-15	-2.63127	1	1 OR4S2	K04257
ENSG00000175040	5.13E-15	-2.63127	1	1 CHST2	K04745
ENSG00000175065	5.13E-15	-2.63127	1	1 DSG4	K07599
ENSG00000175093	5.13E-15	-2.63127	1	1 SPSB4	K10343
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ENSG00000175143	5.13E-15	-2.63127	1	1 OR2T1	K04257
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ENSG00000175202	5.13E-15	-2.63127	1	1 HIGD2B	K18038
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ENSG00000175267	5.13E-15	-2.63127	1	1 VWA3A	-
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ENSG00000175319	5.13E-15	-2.63127	1	1 NF1P5	K08052
ENSG00000175325	5.13E-15	-2.63127	1	1 PROP1	K09327
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ENSG00000175344	5.13E-15	-2.63127	1	1 CHRNA7	K04809
ENSG00000175352	5.13E-15	-2.63127	1	1 NRIP3	K13215

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ENSG00000175398	5.13E-15	-2.63127	1	1 OR10P1	K04257
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ENSG00000175497	5.13E-15	-2.63127	1	1 DPP10	-
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ENSG00000175513	5.13E-15	-2.63127	1	1 TSGA10IP	-
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ENSG00000175520	5.13E-15	-2.63127	1	1 UBQLN3	K04523
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ENSG00000175544	5.13E-15	-2.63127	1	1 CABP4	K08436
ENSG00000175604	5.13E-15	-2.63127	1	1 RP11-276H1.3	K06115
ENSG00000175619	5.13E-15	-2.63127	1	1 OR4B1	K04257
ENSG00000175646	5.13E-15	-2.63127	1	1 PRM1	-
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ENSG00000175664	5.13E-15	-2.63127	1	1 TEX26	-
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ENSG00000175699	5.13E-15	-2.63127	1	1 LINC00521	-
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ENSG00000175728	5.13E-15	-2.63127	1	1 C11orf44	K09228
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ENSG00000175766	5.13E-15	-2.63127	1	1 EIF4E1B	K03259
ENSG00000175779	5.13E-15	-2.63127	1	1 C15orf53	-
ENSG00000175785	5.13E-15	-2.63127	1	1 PRIMA1	-
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ENSG00000175928	5.13E-15	-2.63127	1	1 LRRN1	-
ENSG00000175967	5.13E-15	-2.63127	1	1 RP11-544L8__B.4	-
ENSG00000175985	5.13E-15	-2.63127	1	1 PLEKHD1	-
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ENSG00000176043	5.13E-15	-2.63127	1	1 RP1-146I3.1	K02920
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ENSG00000176075	5.13E-15	-2.63127	1	1 LINC00302	-
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ENSG00000176083	5.13E-15	-2.63127	1	1 ZNF683	-
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ENSG00000176134	5.13E-15	-2.63127	1	1 AL445665.1	K13402
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ENSG00000176160	5.13E-15	-2.63127	1	1 HSF5	-
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ENSG00000176177	5.13E-15	-2.63127	1	1 ENTHD1	-
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ENSG00000176194	5.13E-15	-2.63127	1	1 CIDEA	-
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ENSG00000176200	5.13E-15	-2.63127	1	1 OR4D11	K04257
ENSG00000176204	5.13E-15	-2.63127	1	1 LRRTM4	-
ENSG00000176219	5.13E-15	-2.63127	1	1 OR11H6	K04257
ENSG00000176227	5.13E-15	-2.63127	1	1 CTAGE15	-
ENSG00000176230	5.13E-15	-2.63127	1	1 OR4K17	K04257

ENSG00000176231	5.13E-15	-2.63127	1	1 OR10H4	K04257
ENSG00000176232	5.13E-15	-2.63127	1	1 RP5-1193P9.4	K04614
ENSG00000176239	5.13E-15	-2.63127	1	1 OR51B6	K04257
ENSG00000176243	5.13E-15	-2.63127	1	1 CDV3P1	-
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ENSG00000176268	5.13E-15	-2.63127	1	1 CYCSP34	K08738
ENSG00000176269	5.13E-15	-2.63127	1	1 OR4F21	K04257
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ENSG00000176289	5.13E-15	-2.63127	1	1 IDSP1	K01136
ENSG00000176290	5.13E-15	-2.63127	1	1 OR4K3	K04257
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ENSG00000176294	5.13E-15	-2.63127	1	1 OR4N2	K04257
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ENSG00000176302	5.13E-15	-2.63127	1	1 FOXR1	-
ENSG00000176305	5.13E-15	-2.63127	1	1 AC087269.1	K06087
ENSG00000176312	5.13E-15	-2.63127	1	1 OR4H12P	K04257
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ENSG00000176320	5.13E-15	-2.63127	1	1 RP11-404O13.5	-
ENSG00000176343	5.13E-15	-2.63127	1	1 RPL37AP8	K02921
ENSG00000176378	5.13E-15	-2.63127	1	1 PFN1P10	K05759
ENSG00000176381	5.13E-15	-2.63127	1	1 PRR18	K06236
ENSG00000176395	5.13E-15	-2.63127	1	1 CEACAM20	-
ENSG00000176402	5.13E-15	-2.63127	1	1 GJC3	K07628
ENSG00000176435	5.13E-15	-2.63127	1	1 CLEC14A	K17528
ENSG00000176495	5.13E-15	-2.63127	1	1 OR5AN1	K04257
ENSG00000176532	5.13E-15	-2.63127	1	1 PRR15	-
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ENSG00000176547	5.13E-15	-2.63127	1	1 OR4C3	K04257
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ENSG00000176566	5.13E-15	-2.63127	1	1 DCAF4L2	K11799
ENSG00000176567	5.13E-15	-2.63127	1	1 OR4X1	K04257
ENSG00000176584	5.13E-15	-2.63127	1	1 DMBT1P1	K13912
ENSG00000176593	5.13E-15	-2.63127	1	1 CTD-2368P22.1	K12581
ENSG00000176595	5.13E-15	-2.63127	1	1 KBTBD11	K10476
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ENSG00000176659	5.13E-15	-2.63127	1	1 C20orf197	-
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ENSG00000176695	5.13E-15	-2.63127	1	1 OR4F17	K04257
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ENSG00000176728	5.13E-15	-2.63127	1	1 TTTY14	-
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ENSG00000176742	5.13E-15	-2.63127	1	1 OR51V1	K04257
ENSG00000176748	5.13E-15	-2.63127	1	1 OR52Z1	K04257
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ENSG00000176753	5.13E-15	-2.63127	1	1 C15orf56	-
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ENSG00000176782	5.13E-15	-2.63127	1	1 DEFB104A	-
ENSG00000176787	5.13E-15	-2.63127	1	1 OR52E2	K04257
ENSG00000176797	5.13E-15	-2.63127	1	1 DEFB103A	-
ENSG00000176798	5.13E-15	-2.63127	1	1 OR51L1	K04257
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ENSG00000176900	5.13E-15	-2.63127	1	1 OR51T1	K04257
ENSG00000176904	5.13E-15	-2.63127	1	1 OR51H1P	K04257
ENSG00000176922	5.13E-15	-2.63127	1	1 OR51S1	K04257
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ENSG00000176937	5.13E-15	-2.63127	1	1 OR52R1	K04257
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ENSG00000177151	5.13E-15	-2.63127	1	1 OR2T35	K04257
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ENSG00000177186	5.13E-15	-2.63127	1	1 OR2M7	K04257
ENSG00000177201	5.13E-15	-2.63127	1	1 OR2T12	K04257
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ENSG00000177275	5.13E-15	-2.63127	1	1 OR2AJ1	K04257
ENSG00000177294	5.13E-15	-2.63127	1	1 FBXO39	K10314
ENSG00000177300	5.13E-15	-2.63127	1	1 CLDN22	K06087
ENSG00000177301	5.13E-15	-2.63127	1	1 KCNA2	K04875
ENSG00000177306	5.13E-15	-2.63127	1	1 OR7E125P	K04257
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ENSG00000177338	5.13E-15	-2.63127	1	1 LINC00469	-
ENSG00000177350	5.13E-15	-2.63127	1	1 RPL13AP3	K02872
ENSG00000177354	5.13E-15	-2.63127	1	1 C10orf71	-
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ENSG00000177468	5.13E-15	-2.63127	1	1 OLIG3	K09085
ENSG00000177476	5.13E-15	-2.63127	1	1 OR2G3	K04257
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ENSG00000178055	5.13E-15	-2.63127	1	1 PRSS42	-
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ENSG00000178257	5.13E-15	-2.63127	1	1 PRM3	-
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ENSG00000178372	5.13E-15	-2.63127	1	1 CALML5	K02183
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ENSG00000178409	5.13E-15	-2.63127	1	1 BEND3	-
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ENSG00000178473	5.13E-15	-2.63127	1	1 UCN3	K05257
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ENSG00000178502	5.13E-15	-2.63127	1	1 KLHL11	K10449
ENSG00000178503	5.13E-15	-2.63127	1	1 NECAP1P1	-
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ENSG00000178550	5.13E-15	-2.63127	1	1 AC010170.1	K01869
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ENSG00000178562	5.13E-15	-2.63127	1	1 CD28	K06470
ENSG00000178568	5.13E-15	-2.63127	1	1 ERBB4	K05085
ENSG00000178573	5.13E-15	-2.63127	1	1 MAF	K09035
ENSG00000178586	5.13E-15	-2.63127	1	1 OR6B3	K04257
ENSG00000178591	5.13E-15	-2.63127	1	1 DEFB125	-
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ENSG00000178602	5.13E-15	-2.63127	1	1 OTOS	-
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ENSG00000178642	5.13E-15	-2.63127	1	1 AL513477.1	K04613
ENSG00000178645	5.13E-15	-2.63127	1	1 C10orf53	-
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ENSG00000178662	5.13E-15	-2.63127	1	1 CSRNP3	K04834
ENSG00000178690	5.13E-15	-2.63127	1	1 DYNAP	-
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ENSG00000178732	5.13E-15	-2.63127	1	1 GP5	K06260
ENSG00000178750	5.13E-15	-2.63127	1	1 STX19	K08487
ENSG00000178762	5.13E-15	-2.63127	1	1 HIST1H2BPS1	K11252
ENSG00000178789	5.13E-15	-2.63127	1	1 CD300LB	-
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ENSG00000178796	5.13E-15	-2.63127	1	1 RIIAD1	-
ENSG00000178803	5.13E-15	-2.63127	1	1 ADORA2A-AS1	-
ENSG00000178804	5.13E-15	-2.63127	1	1 H1FOO	-
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ENSG00000178863	5.13E-15	-2.63127	1	1 CEBPA-AS1	-
ENSG00000178894	5.13E-15	-2.63127	1	1 AC073416.1	-
ENSG00000178928	5.13E-15	-2.63127	1	1 TPRX1	-
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ENSG00000178947	5.13E-15	-2.63127	1	1 LINC00086	-
ENSG00000178965	5.13E-15	-2.63127	1	1 C1orf173	-
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ENSG00000179008	5.13E-15	-2.63127	1	1 C14orf39	-
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ENSG00000179031	5.13E-15	-2.63127	1	1 LL0XNC01-131B10	K14842
ENSG00000179038	5.13E-15	-2.63127	1	1 AP001885.1	K15712
ENSG00000179055	5.13E-15	-2.63127	1	1 OR13D1	K04257
ENSG00000179071	5.13E-15	-2.63127	1	1 CCDC89	-
ENSG00000179073	5.13E-15	-2.63127	1	1 TAAR3	K05051
ENSG00000179088	5.13E-15	-2.63127	1	1 C12orf42	-
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ENSG00000179131	5.13E-15	-2.63127	1	1 RP11-458F8.3	K02910
ENSG00000179141	5.13E-15	-2.63127	1	1 MTUS2-AS1	-
ENSG00000179142	5.13E-15	-2.63127	1	1 CYP11B2	K00497
ENSG00000179144	5.13E-15	-2.63127	1	1 GIMAP7	-
ENSG00000179157	5.13E-15	-2.63127	1	1 RPS2P28	K02981
ENSG00000179170	5.13E-15	-2.63127	1	1 OR7E97P	K04257
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ENSG00000179222	5.13E-15	-2.63127	1	1 MAGED1	K12464
ENSG00000179253	5.13E-15	-2.63127	1	1 RP11-429E11.3	K08834
ENSG00000179270	5.13E-15	-2.63127	1	1 C2orf71	-
ENSG00000179277	5.13E-15	-2.63127	1	1 MEIS3P1	K16671
ENSG00000179299	5.13E-15	-2.63127	1	1 NSUN7	-
ENSG00000179300	5.13E-15	-2.63127	1	1 ZCCHC5	-
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ENSG00000179331	5.13E-15	-2.63127	1	1 RAB39A	K07924
ENSG00000179342	5.13E-15	-2.63127	1	1 GS1-124K5.9	K04635
ENSG00000179344	5.13E-15	-2.63127	1	1 HLA-DQB1	-
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ENSG00000179397	5.13E-15	-2.63127	1	1 C1orf101	K16895
ENSG00000179412	5.13E-15	-2.63127	1	1 HNRNPCP5	K12884
ENSG00000179420	5.13E-15	-2.63127	1	1 OR6W1P	K04257
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ENSG00000179467	5.13E-15	-2.63127	1	1 AL109806.1	K10653
ENSG00000179468	5.13E-15	-2.63127	1	1 OR9A2	K04257
ENSG00000179520	5.13E-15	-2.63127	1	1 SLC17A8	K12302
ENSG00000179542	5.13E-15	-2.63127	1	1 SLITRK4	-
ENSG00000179564	5.13E-15	-2.63127	1	1 LSMEM2	-
ENSG00000179571	5.13E-15	-2.63127	1	1 NBPF23	-
ENSG00000179577	5.13E-15	-2.63127	1	1 AP003471.1	-
ENSG00000179600	5.13E-15	-2.63127	1	1 GPHB5	-
ENSG00000179603	5.13E-15	-2.63127	1	1 GRM8	K04608
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ENSG00000179626	5.13E-15	-2.63127	1	1 OR6C4	K04257
ENSG00000179636	5.13E-15	-2.63127	1	1 TPPP2	-
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ENSG00000179676	5.13E-15	-2.63127	1	1 LINC00305	-
ENSG00000179695	5.13E-15	-2.63127	1	1 OR6C2	K04257
ENSG00000179709	5.13E-15	-2.63127	1	1 NLRP8	K04264
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ENSG00000179755	5.13E-15	-2.63127	1	1 CTD-2144E22.5	-
ENSG00000179796	5.13E-15	-2.63127	1	1 LRRC3B	-
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ENSG00000179813	5.13E-15	-2.63127	1	1 FAM216B	-
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ENSG00000179826	5.13E-15	-2.63127	1	1 MRGPRX3	K08396
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ENSG00000179919	5.13E-15	-2.63127	1	1 OR10A7	K04257
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ENSG00000179935	5.13E-15	-2.63127	1	1 LINC00652	-
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ENSG00000179978	5.13E-15	-2.63127	1	1 RP11-1319K7.1	K12807
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ENSG00000180061	5.13E-15	-2.63127	1	1 TMEM150B	-
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ENSG00000180150	5.13E-15	-2.63127	1	1 HMGX2P9	K11300
ENSG00000180152	5.13E-15	-2.63127	1	1 AC079753.4	K04725
ENSG00000180172	5.13E-15	-2.63127	1	1 RPS12P23	K02951
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ENSG00000180190	5.13E-15	-2.63127	1	1 TDRP	-
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ENSG00000180433	5.13E-15	-2.63127	1	1 OR6K6	K04257
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ENSG00000180636	5.13E-15	-2.63127	1	1 OR4E1	K04257
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ENSG00000180658	5.13E-15	-2.63127	1	1 OR2A4	K04257

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ENSG00000181009	5.13E-15	-2.63127	1	1 OR52N5	K04257
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ENSG00000181017	5.13E-15	-2.63127	1	1 OR56B2P	K04257
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ENSG00000181273	5.13E-15	-2.63127	1	1 OR5AK2	K04257
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ENSG00000181291	5.13E-15	-2.63127	1	1 TMEM132E	K17599
ENSG00000181296	5.13E-15	-2.63127	1	1 OR5G1P	K04257
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ENSG00000181464	5.13E-15	-2.63127	1	1 CDRT1	K10266
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ENSG00000181514	5.13E-15	-2.63127	1	1 RP3-474G15.1	-
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ENSG00000181616	5.13E-15	-2.63127	1	1 OR52H1	K04257
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ENSG00000181935	5.13E-15	-2.63127	1	1 OR4C16	K04257
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ENSG00000181963	5.13E-15	-2.63127	1	1 OR52K2	K04257
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ENSG00000181977	5.13E-15	-2.63127	1	1 PYY3	K05233
ENSG00000181982	5.13E-15	-2.63127	1	1 CCDC149	K16627
ENSG00000181984	5.13E-15	-2.63127	1	1 GOLGA8CP	K10595
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ENSG00000182175	5.13E-15	-2.63127	1	1 RGMA	K06847
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ENSG00000182256	5.13E-15	-2.63127	1	1 GABRG3	K05186
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ENSG00000182574	5.13E-15	-2.63127	1	1 RP3-341D10.1	K00746
ENSG00000182575	5.13E-15	-2.63127	1	1 NXPH3	K16658
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ENSG00000182613	5.13E-15	-2.63127	1	1 OR2V2	K04257
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ENSG00000182712	5.13E-15	-2.63127	1	1 CMC4	-
ENSG00000182722	5.13E-15	-2.63127	1	1 SEPHS1P1	K01008
ENSG00000182732	5.13E-15	-2.63127	1	1 RGS6	K16449
ENSG00000182747	5.13E-15	-2.63127	1	1 SLC35D3	K15281
ENSG00000182771	5.13E-15	-2.63127	1	1 GRID1	K05206
ENSG00000182776	5.13E-15	-2.63127	1	1 RP11-114H20.1	-
ENSG00000182783	5.13E-15	-2.63127	1	1 OR2T29	K04257
ENSG00000182793	5.13E-15	-2.63127	1	1 GSTA5	K00799
ENSG00000182798	5.13E-15	-2.63127	1	1 MAGEB17	-
ENSG00000182816	5.13E-15	-2.63127	1	1 KRTAP13-2	-
ENSG00000182836	5.13E-15	-2.63127	1	1 PLCXD3	-
ENSG00000182854	5.13E-15	-2.63127	1	1 OR4F15	K04257
ENSG00000182888	5.13E-15	-2.63127	1	1 RP11-558O12.1	K02977
ENSG00000182896	5.13E-15	-2.63127	1	1 TMEM95	-
ENSG00000182898	5.13E-15	-2.63127	1	1 TCHHL1	-
ENSG00000182903	5.13E-15	-2.63127	1	1 ZNF721	K09228
ENSG00000182912	5.13E-15	-2.63127	1	1 C21orf90	K12581
ENSG00000182916	5.13E-15	-2.63127	1	1 TCEAL7	-
ENSG00000182921	5.13E-15	-2.63127	1	1 CCDC75P1	-
ENSG00000182931	5.13E-15	-2.63127	1	1 WFDC10B	-
ENSG00000182938	5.13E-15	-2.63127	1	1 OTOP3	-
ENSG00000182965	5.13E-15	-2.63127	1	1 NPM1P14	K11276
ENSG00000182968	5.13E-15	-2.63127	1	1 SOX1	K09267
ENSG00000182974	5.13E-15	-2.63127	1	1 OR4M2	K04257
ENSG00000183019	5.13E-15	-2.63127	1	1 C19orf59	-
ENSG00000183022	5.13E-15	-2.63127	1	1 TPM3P8	K09290
ENSG00000183023	5.13E-15	-2.63127	1	1 SLC8A1	K05849
ENSG00000183024	5.13E-15	-2.63127	1	1 OR1G1	K04257
ENSG00000183034	5.13E-15	-2.63127	1	1 OTOP2	-
ENSG00000183035	5.13E-15	-2.63127	1	1 CYLC1	-
ENSG00000183036	5.13E-15	-2.63127	1	1 PCP4	-
ENSG00000183038	5.13E-15	-2.63127	1	1 GGTL3	K18592
ENSG00000183067	5.13E-15	-2.63127	1	1 IGSF5	K06786
ENSG00000183086	5.13E-15	-2.63127	1	1 GATSL1	-
ENSG00000183090	5.13E-15	-2.63127	1	1 FREM3	-
ENSG00000183098	5.13E-15	-2.63127	1	1 GPC6	K08112
ENSG00000183103	5.13E-15	-2.63127	1	1 LYPD4	-
ENSG00000183114	5.13E-15	-2.63127	1	1 FAM43B	K15688
ENSG00000183122	5.13E-15	-2.63127	1	1 OR2A3P	K04257
ENSG00000183130	5.13E-15	-2.63127	1	1 OR2T11	K04257
ENSG00000183145	5.13E-15	-2.63127	1	1 RIPPLY3	K17985
ENSG00000183146	5.13E-15	-2.63127	1	1 CYorf17	-
ENSG00000183148	5.13E-15	-2.63127	1	1 ANKRD20A2	K17299
ENSG00000183154	5.13E-15	-2.63127	1	1 RP11-863K10.7	-

ENSG00000183160	5.13E-15	-2.63127	1	1 TMEM119	-
ENSG00000183166	5.13E-15	-2.63127	1	1 CALN1	-
ENSG00000183171	5.13E-15	-2.63127	1	1 RP11-49C9.2	-
ENSG00000183206	5.13E-15	-2.63127	1	1 POTEK	K17299
ENSG00000183239	5.13E-15	-2.63127	1	1 RP5-1120P11.4	K02905
ENSG00000183242	5.13E-15	-2.63127	1	1 WT1-AS	-
ENSG00000183246	5.13E-15	-2.63127	1	1 RIMBP3C	K04552
ENSG00000183249	5.13E-15	-2.63127	1	1 NF1P3	K08052
ENSG00000183251	5.13E-15	-2.63127	1	1 OR51B4	K04257
ENSG00000183269	5.13E-15	-2.63127	1	1 OR52E8	K04257
ENSG00000183273	5.13E-15	-2.63127	1	1 CCDC60	-
ENSG00000183287	5.13E-15	-2.63127	1	1 CCBE1	K19638
ENSG00000183292	5.13E-15	-2.63127	1	1 AC140481.2	K09628
ENSG00000183303	5.13E-15	-2.63127	1	1 OR5P2	K04257
ENSG00000183304	5.13E-15	-2.63127	1	1 FAM9A	K19528
ENSG00000183308	5.13E-15	-2.63127	1	1 AC005037.3	-
ENSG00000183310	5.13E-15	-2.63127	1	1 OR2T34	K04257
ENSG00000183313	5.13E-15	-2.63127	1	1 OR52L1	K04257
ENSG00000183317	5.13E-15	-2.63127	1	1 EPHA10	K08897
ENSG00000183318	5.13E-15	-2.63127	1	1 SPDYE4	K08694
ENSG00000183336	5.13E-15	-2.63127	1	1 BOLA2	K15078
ENSG00000183347	5.13E-15	-2.63127	1	1 GBP6	K15696
ENSG00000183378	5.13E-15	-2.63127	1	1 OVCH2	-
ENSG00000183385	5.13E-15	-2.63127	1	1 TTTY8	-
ENSG00000183389	5.13E-15	-2.63127	1	1 OR56A4	K04257
ENSG00000183432	5.13E-15	-2.63127	1	1 ZBTB8OSP1	-
ENSG00000183434	5.13E-15	-2.63127	1	1 TFDP3	K09393
ENSG00000183439	5.13E-15	-2.63127	1	1 TRIM61	K12029
ENSG00000183454	5.13E-15	-2.63127	1	1 GRIN2A	K05209
ENSG00000183461	5.13E-15	-2.63127	1	1 XAGE1C	-
ENSG00000183463	5.13E-15	-2.63127	1	1 URAD	K13485
ENSG00000183470	5.13E-15	-2.63127	1	1 AC009365.3	-
ENSG00000183473	5.13E-15	-2.63127	1	1 SSTR3	K04219
ENSG00000183476	5.13E-15	-2.63127	1	1 SH2D7	-
ENSG00000183479	5.13E-15	-2.63127	1	1 TREX2	K16590
ENSG00000183486	5.13E-15	-2.63127	1	1 MX2	K17985
ENSG00000183504	5.13E-15	-2.63127	1	1 AL132868.1	-
ENSG00000183514	5.13E-15	-2.63127	1	1 TDGF1P2	-
ENSG00000183531	5.13E-15	-2.63127	1	1 Z98256.1	-
ENSG00000183549	5.13E-15	-2.63127	1	1 ACSM5	K01896
ENSG00000183558	5.13E-15	-2.63127	1	1 HIST2H2AA3	K11251
ENSG00000183559	5.13E-15	-2.63127	1	1 C10orf120	-
ENSG00000183560	5.13E-15	-2.63127	1	1 FOLR4	K13649
ENSG00000183566	5.13E-15	-2.63127	1	1 BPIFA4P	-
ENSG00000183578	5.13E-15	-2.63127	1	1 TNFAIP8L3	K17985
ENSG00000183586	5.13E-15	-2.63127	1	1 HMGN3P1	K11301
ENSG00000183598	5.13E-15	-2.63127	1	1 HIST2H3D	K11253
ENSG00000183629	5.13E-15	-2.63127	1	1 GOLGA8G	K10595
ENSG00000183631	5.13E-15	-2.63127	1	1 CXorf64	-
ENSG00000183632	5.13E-15	-2.63127	1	1 TP53TG3	-
ENSG00000183640	5.13E-15	-2.63127	1	1 KRTAP8-1	-
ENSG00000183643	5.13E-15	-2.63127	1	1 C15orf32	-
ENSG00000183644	5.13E-15	-2.63127	1	1 C11orf88	K17985
ENSG00000183653	5.13E-15	-2.63127	1	1 GRIK1-AS2	K05201
ENSG00000183654	5.13E-15	-2.63127	1	1	11-Mar K10659
ENSG00000183662	5.13E-15	-2.63127	1	1 FAM19A1	-
ENSG00000183663	5.13E-15	-2.63127	1	1 RP11-44N17.1	K00134
ENSG00000183675	5.13E-15	-2.63127	1	1 PTPN20B	K18039

ENSG00000183688	5.13E-15	-2.63127	1	1 FAM101B	K02927
ENSG00000183695	5.13E-15	-2.63127	1	1 MRGPRX2	K08396
ENSG00000183704	5.13E-15	-2.63127	1	1 SLC9B1P1	-
ENSG00000183706	5.13E-15	-2.63127	1	1 OR4N4	K04257
ENSG00000183709	5.13E-15	-2.63127	1	1 IFNL2	K05447
ENSG00000183715	5.13E-15	-2.63127	1	1 OPCML	K06773
ENSG00000183729	5.13E-15	-2.63127	1	1 NPBWR1	K05268
ENSG00000183733	5.13E-15	-2.63127	1	1 FIGLA	K09066
ENSG00000183734	5.13E-15	-2.63127	1	1 ASCL2	K09067
ENSG00000183742	5.13E-15	-2.63127	1	1 MACC1	-
ENSG00000183747	5.13E-15	-2.63127	1	1 ACSM2A	K01896
ENSG00000183748	5.13E-15	-2.63127	1	1 MRC1L1	K06560
ENSG00000183753	5.13E-15	-2.63127	1	1 BPY2	-
ENSG00000183760	5.13E-15	-2.63127	1	1 PAPL	K12606
ENSG00000183778	5.13E-15	-2.63127	1	1 B3GALT5	-
ENSG00000183783	5.13E-15	-2.63127	1	1 KCTD8	-
ENSG00000183784	5.13E-15	-2.63127	1	1 C9orf66	K06115
ENSG00000183791	5.13E-15	-2.63127	1	1 TCEB3C	K15076
ENSG00000183795	5.13E-15	-2.63127	1	1 BPY2B	-
ENSG00000183807	5.13E-15	-2.63127	1	1 FAM162B	-
ENSG00000183822	5.13E-15	-2.63127	1	1 CTA-833B7.2	-
ENSG00000183833	5.13E-15	-2.63127	1	1 MAATS1	-
ENSG00000183837	5.13E-15	-2.63127	1	1 PNMA3	-
ENSG00000183850	5.13E-15	-2.63127	1	1 ZNF730	K09228
ENSG00000183862	5.13E-15	-2.63127	1	1 CNGA2	K04949
ENSG00000183873	5.13E-15	-2.63127	1	1 SCN5A	K04838
ENSG00000183878	5.13E-15	-2.63127	1	1 UTY	K11447
ENSG00000183888	5.13E-15	-2.63127	1	1 C1orf64	K17985
ENSG00000183900	5.13E-15	-2.63127	1	1 AC099522.1	K09397
ENSG00000183908	5.13E-15	-2.63127	1	1 LRRC55	K04174
ENSG00000183909	5.13E-15	-2.63127	1	1 OR4G2P	K04257
ENSG00000183911	5.13E-15	-2.63127	1	1 RPL21P132	K02889
ENSG00000183914	5.13E-15	-2.63127	1	1 DNAH2	K10408
ENSG00000183918	5.13E-15	-2.63127	1	1 SH2D1A	K07990
ENSG00000183921	5.13E-15	-2.63127	1	1 SDR42E2	-
ENSG00000183938	5.13E-15	-2.63127	1	1 TRBV21OR9-2	-
ENSG00000183941	5.13E-15	-2.63127	1	1 HIST2H4A	K11254
ENSG00000183960	5.13E-15	-2.63127	1	1 KCNH8	K04911
ENSG00000183981	5.13E-15	-2.63127	1	1 MAGEA13P	-
ENSG00000184005	5.13E-15	-2.63127	1	1 ST6GALNAC3	K03373
ENSG00000184012	5.13E-15	-2.63127	1	1 TMPRSS2	K09633
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ENSG00000184029	5.13E-15	-2.63127	1	1 DSCR4	-
ENSG00000184032	5.13E-15	-2.63127	1	1 KRTAP20-2	-
ENSG00000184055	5.13E-15	-2.63127	1	1 OR7E87P	K04257
ENSG00000184106	5.13E-15	-2.63127	1	1 TREML3P	-
ENSG00000184108	5.13E-15	-2.63127	1	1 TRIML1	K12038
ENSG00000184115	5.13E-15	-2.63127	1	1 RP13-1039J1.2	-
ENSG00000184139	5.13E-15	-2.63127	1	1 RPL7AP28	K02936
ENSG00000184140	5.13E-15	-2.63127	1	1 OR4F6	K04257
ENSG00000184144	5.13E-15	-2.63127	1	1 CNTN2	K06760
ENSG00000184148	5.13E-15	-2.63127	1	1 SPRR4	-
ENSG00000184155	5.13E-15	-2.63127	1	1 OR10J5	K04257
ENSG00000184156	5.13E-15	-2.63127	1	1 KCNQ3	K04928
ENSG00000184160	5.13E-15	-2.63127	1	1 ADRA2C	K04140
ENSG00000184166	5.13E-15	-2.63127	1	1 OR1D2	K04257
ENSG00000184188	5.13E-15	-2.63127	1	1 CTC-512J14.7	K05692
ENSG00000184194	5.13E-15	-2.63127	1	1 GPR173	K04300

ENSG00000184205	5.13E-15	-2.63127	1	1 TSPYL2	K11285
ENSG00000184210	5.13E-15	-2.63127	1	1 DGAT2L6	K11172
ENSG00000184221	5.13E-15	-2.63127	1	1 OLIG1	K09085
ENSG00000184247	5.13E-15	-2.63127	1	1 AC100791.1	-
ENSG00000184258	5.13E-15	-2.63127	1	1 CDR1	-
ENSG00000184260	5.13E-15	-2.63127	1	1 HIST2H2AC	K11251
ENSG00000184270	5.13E-15	-2.63127	1	1 HIST2H2AB	K11251
ENSG00000184274	5.13E-15	-2.63127	1	1 LINC00315	-
ENSG00000184276	5.13E-15	-2.63127	1	1 DEFB108B	-
ENSG00000184292	5.13E-15	-2.63127	1	1 TACSTD2	K17288
ENSG00000184293	5.13E-15	-2.63127	1	1 CLECL1	K17518
ENSG00000184302	5.13E-15	-2.63127	1	1 SIX6	K19473
ENSG00000184303	5.13E-15	-2.63127	1	1 DRD5P1	K05840
ENSG00000184304	5.13E-15	-2.63127	1	1 PRKD1	K06070
ENSG00000184305	5.13E-15	-2.63127	1	1 CCSER1	-
ENSG00000184313	5.13E-15	-2.63127	1	1 MROH7	-
ENSG00000184321	5.13E-15	-2.63127	1	1 OR51J1	K04257
ENSG00000184330	5.13E-15	-2.63127	1	1 S100A7A	-
ENSG00000184344	5.13E-15	-2.63127	1	1 GDF3	K05495
ENSG00000184345	5.13E-15	-2.63127	1	1 IQCF2	-
ENSG00000184350	5.13E-15	-2.63127	1	1 MRGPRE	K08393
ENSG00000184351	5.13E-15	-2.63127	1	1 KRTAP19-1	-
ENSG00000184374	5.13E-15	-2.63127	1	1 COLEC10	K10065
ENSG00000184385	5.13E-15	-2.63127	1	1 C21orf128	-
ENSG00000184388	5.13E-15	-2.63127	1	1 PABPC1L2B	K13126
ENSG00000184389	5.13E-15	-2.63127	1	1 A3GALT2	-
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ENSG00000184408	5.13E-15	-2.63127	1	1 KCND2	K04892
ENSG00000184423	5.13E-15	-2.63127	1	1 AC090043.1	K02893
ENSG00000184454	5.13E-15	-2.63127	1	1 NCMAP	K11447
ENSG00000184459	5.13E-15	-2.63127	1	1 BPIFC	-
ENSG00000184478	5.13E-15	-2.63127	1	1 OR56A3	K04257
ENSG00000184515	5.13E-15	-2.63127	1	1 BEX5	-
ENSG00000184523	5.13E-15	-2.63127	1	1 PTGER4P2	K04261
ENSG00000184560	5.13E-15	-2.63127	1	1 C17orf74	-
ENSG00000184566	5.13E-15	-2.63127	1	1 AC132216.1	K15612
ENSG00000184586	5.13E-15	-2.63127	1	1 KRTAP7-1	-
ENSG00000184596	5.13E-15	-2.63127	1	1 AF207550.1	-
ENSG00000184601	5.13E-15	-2.63127	1	1 C14orf180	-
ENSG00000184608	5.13E-15	-2.63127	1	1 C8orf12	-
ENSG00000184611	5.13E-15	-2.63127	1	1 KCNH7	K04910
ENSG00000184612	5.13E-15	-2.63127	1	1 RPL7P26	K02937
ENSG00000184613	5.13E-15	-2.63127	1	1 NELL2	-
ENSG00000184616	5.13E-15	-2.63127	1	1 AC004166.6	K08694
ENSG00000184617	5.13E-15	-2.63127	1	1 ZNF840	K09228
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ENSG00000184647	5.13E-15	-2.63127	1	1 PRSS55	K11447
ENSG00000184650	5.13E-15	-2.63127	1	1 ODF4	-
ENSG00000184659	5.13E-15	-2.63127	1	1 FOXD4L4	K09397
ENSG00000184669	5.13E-15	-2.63127	1	1 OR7E14P	K04257
ENSG00000184672	5.13E-15	-2.63127	1	1 RALYL	K12895
ENSG00000184682	5.13E-15	-2.63127	1	1 C11orf89	-
ENSG00000184698	5.13E-15	-2.63127	1	1 OR51M1	K04257
ENSG00000184716	5.13E-15	-2.63127	1	1 SERINC4	-
ENSG00000184724	5.13E-15	-2.63127	1	1 KRTAP6-1	-
ENSG00000184741	5.13E-15	-2.63127	1	1 OR5AQ1P	K04257
ENSG00000184761	5.13E-15	-2.63127	1	1 AC013269.5	K09628
ENSG00000184774	5.13E-15	-2.63127	1	1 RP11-480I12.4	K01623

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ENSG00000184795	5.13E-15	-2.63127	1	1 UNC93B5	K04257
ENSG00000184809	5.13E-15	-2.63127	1	1 C21orf88	-
ENSG00000184811	5.13E-15	-2.63127	1	1 TUSC5	-
ENSG00000184814	5.13E-15	-2.63127	1	1 PRR23B	-
ENSG00000184844	5.13E-15	-2.63127	1	1 CYCSP45	K08738
ENSG00000184845	5.13E-15	-2.63127	1	1 DRD1	K04144
ENSG00000184856	5.13E-15	-2.63127	1	1 LINC00308	-
ENSG00000184860	5.13E-15	-2.63127	1	1 SDR42E1	-
ENSG00000184867	5.13E-15	-2.63127	1	1 ARMCX2	-
ENSG00000184879	5.13E-15	-2.63127	1	1 RP11-7G23.8	-
ENSG00000184881	5.13E-15	-2.63127	1	1 OR51B2	K04257
ENSG00000184895	5.13E-15	-2.63127	1	1 SRY	K09266
ENSG00000184905	5.13E-15	-2.63127	1	1 TCEAL2	-
ENSG00000184906	5.13E-15	-2.63127	1	1 AC129778.2	K13402
ENSG00000184909	5.13E-15	-2.63127	1	1 C1ORF220	K09228
ENSG00000184911	5.13E-15	-2.63127	1	1 DMRTC1B	K19494
ENSG00000184933	5.13E-15	-2.63127	1	1 OR6A2	K04257
ENSG00000184937	5.13E-15	-2.63127	1	1 WT1	K09234
ENSG00000184945	5.13E-15	-2.63127	1	1 AQP12A	K09871
ENSG00000184954	5.13E-15	-2.63127	1	1 OR6C70	K04257
ENSG00000184961	5.13E-15	-2.63127	1	1 AL772307.1	K02936
ENSG00000184986	5.13E-15	-2.63127	1	1 TMEM121	-
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ENSG00000184999	5.13E-15	-2.63127	1	1 SLC22A10	K08206
ENSG00000185002	5.13E-15	-2.63127	1	1 RFX6	K19521
ENSG00000185008	5.13E-15	-2.63127	1	1 ROBO2	K06754
ENSG00000185010	5.13E-15	-2.63127	1	1 F8	K03899
ENSG00000185020	5.13E-15	-2.63127	1	1 RP11-111G23.1	-
ENSG00000185028	5.13E-15	-2.63127	1	1 LRRC14B	-
ENSG00000185031	5.13E-15	-2.63127	1	1 SLC2A3P2	K08142
ENSG00000185037	5.13E-15	-2.63127	1	1 ZNF733P	K09228
ENSG00000185040	5.13E-15	-2.63127	1	1 AC004980.11	K08694
ENSG00000185041	5.13E-15	-2.63127	1	1 RP11-321E2.6	K03135
ENSG00000185052	5.13E-15	-2.63127	1	1 SLC24A3	K13751
ENSG00000185053	5.13E-15	-2.63127	1	1 SGCZ	-
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ENSG00000185069	5.13E-15	-2.63127	1	1 KRT76	K07605
ENSG00000185074	5.13E-15	-2.63127	1	1 OR7E31P	K04257
ENSG00000185078	5.13E-15	-2.63127	1	1 AC093698.1	K02940
ENSG00000185087	5.13E-15	-2.63127	1	1 FAM169B	-
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ENSG00000185149	5.13E-15	-2.63127	1	1 NPY2R	K04205
ENSG00000185155	5.13E-15	-2.63127	1	1 MIXL1	-
ENSG00000185156	5.13E-15	-2.63127	1	1 MFSD6L	-
ENSG00000185176	5.13E-15	-2.63127	1	1 AQP12B	K09871
ENSG00000185177	5.13E-15	-2.63127	1	1 ZNF479	K09228
ENSG00000185182	5.13E-15	-2.63127	1	1 GOLGA8DP	K10595
ENSG00000185203	5.13E-15	-2.63127	1	1 WASIR1	-
ENSG00000185221	5.13E-15	-2.63127	1	1 GAPDHP24	K00134
ENSG00000185231	5.13E-15	-2.63127	1	1 MC2R	K04200
ENSG00000185254	5.13E-15	-2.63127	1	1 TEX28	-
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ENSG00000185271	5.13E-15	-2.63127	1	1 KLHL33	K13957
ENSG00000185272	5.13E-15	-2.63127	1	1 RBM11	-
ENSG00000185274	5.13E-15	-2.63127	1	1 WBSCR17	K00710
ENSG00000185290	5.13E-15	-2.63127	1	1 NUPR1L	-
ENSG00000185294	5.13E-15	-2.63127	1	1 SPPL2C	K14212

ENSG00000185303	5.13E-15	-2.63127	1	1 SFTPA2	K10067
ENSG00000185313	5.13E-15	-2.63127	1	1 SCN10A	K04842
ENSG00000185319	5.13E-15	-2.63127	1	1 SSXP4	K15625
ENSG00000185345	5.13E-15	-2.63127	1	1 PARK2	K04556
ENSG00000185352	5.13E-15	-2.63127	1	1 HS6ST3	K08103
ENSG00000185372	5.13E-15	-2.63127	1	1 OR2V1	K04257
ENSG00000185385	5.13E-15	-2.63127	1	1 OR7A17	K04257
ENSG00000185390	5.13E-15	-2.63127	1	1 FGF7P2	K04358
ENSG00000185436	5.13E-15	-2.63127	1	1 IFNLR1	K05140
ENSG00000185448	5.13E-15	-2.63127	1	1 FAM47A	-
ENSG00000185477	5.13E-15	-2.63127	1	1 GPRIN3	-
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ENSG00000185515	5.13E-15	-2.63127	1	1 BRCC3	K11864
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ENSG00000185554	5.13E-15	-2.63127	1	1 NXF2	K14284
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ENSG00000185610	5.13E-15	-2.63127	1	1 DBX2	K09304
ENSG00000185631	5.13E-15	-2.63127	1	1 AC017079.3	K02875
ENSG00000185638	5.13E-15	-2.63127	1	1 FTH1P14	K00522
ENSG00000185640	5.13E-15	-2.63127	1	1 KRT79	K07605
ENSG00000185652	5.13E-15	-2.63127	1	1 NTF3	-
ENSG00000185662	5.13E-15	-2.63127	1	1 SMIM23	-
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ENSG00000185674	5.13E-15	-2.63127	1	1 LYG2	-
ENSG00000185681	5.13E-15	-2.63127	1	1 MORN5	-
ENSG00000185700	5.13E-15	-2.63127	1	1 TTTY8B	-
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ENSG00000185737	5.13E-15	-2.63127	1	1 NRG3	K05457
ENSG00000185742	5.13E-15	-2.63127	1	1 C11orf87	-
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ENSG00000185760	5.13E-15	-2.63127	1	1 KCNQ5	K04930
ENSG00000185811	5.13E-15	-2.63127	1	1 IKZF1	K09220
ENSG00000185821	5.13E-15	-2.63127	1	1 OR6C76	K04257
ENSG00000185823	5.13E-15	-2.63127	1	1 NPAP1	K01368
ENSG00000185847	5.13E-15	-2.63127	1	1 RP1-46F2.2	-
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ENSG00000185873	5.13E-15	-2.63127	1	1 TMPRSS11B	K09751
ENSG00000185888	5.13E-15	-2.63127	1	1 PRSS38	-
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ENSG00000185897	5.13E-15	-2.63127	1	1 FFAR3	K04326
ENSG00000185903	5.13E-15	-2.63127	1	1 OR11N1P	K04257
ENSG00000185904	5.13E-15	-2.63127	1	1 LINC00839	-
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ENSG00000185915	5.13E-15	-2.63127	1	1 KLHL34	K10469
ENSG00000185926	5.13E-15	-2.63127	1	1 OR4C46	K04257
ENSG00000185940	5.13E-15	-2.63127	1	1 KRTAP5-5	-
ENSG00000185942	5.13E-15	-2.63127	1	1 NKAIN3	-
ENSG00000185945	5.13E-15	-2.63127	1	1 NXF2B	K14284
ENSG00000185960	5.13E-15	-2.63127	1	1 SHOX	K09331
ENSG00000185962	5.13E-15	-2.63127	1	1 LCE3A	-
ENSG00000185966	5.13E-15	-2.63127	1	1 LCE3E	-
ENSG00000185972	5.13E-15	-2.63127	1	1 CCIN	-
ENSG00000185974	5.13E-15	-2.63127	1	1 GRK1	K00909
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ENSG00000186009	5.13E-15	-2.63127	1	1 ATP4B	K01543
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ENSG00000186051	5.13E-15	-2.63127	1	1 TAL2	K09068
ENSG00000186074	5.13E-15	-2.63127	1	1 CD300LF	-
ENSG00000186075	5.13E-15	-2.63127	1	1 ZPBP2	-
ENSG00000186081	5.13E-15	-2.63127	1	1 KRT5	K07605
ENSG00000186082	5.13E-15	-2.63127	1	1 KRT18P14	K07604
ENSG00000186088	5.13E-15	-2.63127	1	1 GSAP	-
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ENSG00000186092	5.13E-15	-2.63127	1	1 OR4F5	K04257
ENSG00000186094	5.13E-15	-2.63127	1	1 AGBL4	-
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ENSG00000186104	5.13E-15	-2.63127	1	1 CYP2R1	K07419
ENSG00000186113	5.13E-15	-2.63127	1	1 OR5D14	K04257
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ENSG00000186117	5.13E-15	-2.63127	1	1 OR5L1	K04257
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ENSG00000186124	5.13E-15	-2.63127	1	1 OR9M1P	K04257
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ENSG00000186143	5.13E-15	-2.63127	1	1 C2orf53	-
ENSG00000186146	5.13E-15	-2.63127	1	1 DEFB131	K10803
ENSG00000186148	5.13E-15	-2.63127	1	1 AC013271.3	-
ENSG00000186152	5.13E-15	-2.63127	1	1 LILRP1	K06512
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ENSG00000186212	5.13E-15	-2.63127	1	1 SOWAHB	-
ENSG00000186223	5.13E-15	-2.63127	1	1 SSU72P4	K15544
ENSG00000186226	5.13E-15	-2.63127	1	1 LCE1E	-
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ENSG00000186232	5.13E-15	-2.63127	1	1 SSU72P3	K15544
ENSG00000186234	5.13E-15	-2.63127	1	1 FAM86MP	K12354
ENSG00000186235	5.13E-15	-2.63127	1	1 AC016757.3	-
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ENSG00000186268	5.13E-15	-2.63127	1	1 OR10D4P	K04257
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ENSG00000186288	5.13E-15	-2.63127	1	1 PABPC1L2A	K13126
ENSG00000186297	5.13E-15	-2.63127	1	1 GABRA5	K05175
ENSG00000186306	5.13E-15	-2.63127	1	1 OR10T2	K04257
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ENSG00000186322	5.13E-15	-2.63127	1	1 GOLGA6L17P	K10595
ENSG00000186328	5.13E-15	-2.63127	1	1 RP11-140K17.2	-
ENSG00000186329	5.13E-15	-2.63127	1	1 TMEM212	-
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ENSG00000186335	5.13E-15	-2.63127	1	1 SLC36A2	K14209
ENSG00000186367	5.13E-15	-2.63127	1	1 KIAA1024L	K15696
ENSG00000186369	5.13E-15	-2.63127	1	1 LINC00643	-
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ENSG00000186400	5.13E-15	-2.63127	1	1 OR10X1	K04257
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ENSG00000186439	5.13E-15	-2.63127	1	1 TRDN	-

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ENSG00000186446	5.13E-15	-2.63127	1	1 ZNF501	K09228
ENSG00000186452	5.13E-15	-2.63127	1	1 TMPRSS12	-
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ENSG00000186469	5.13E-15	-2.63127	1	1 GNG2	-
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ENSG00000186474	5.13E-15	-2.63127	1	1 KLK12	K09621
ENSG00000186479	5.13E-15	-2.63127	1	1 RGS7BP	-
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ENSG00000186493	5.13E-15	-2.63127	1	1 C5orf38	-
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ENSG00000186513	5.13E-15	-2.63127	1	1 OR9Q2	K04257
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ENSG00000186579	5.13E-15	-2.63127	1	1 DEFB106A	-
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ENSG00000186675	5.13E-15	-2.63127	1	1 MAGEE2	-
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ENSG00000186766	5.13E-15	-2.63127	1	1 FOXI2	K09401
ENSG00000186777	5.13E-15	-2.63127	1	1 ZNF732	K09228
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ENSG00000186825	5.13E-15	-2.63127	1	1 C2orf27B	-
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ENSG00000186844	5.13E-15	-2.63127	1	1 LCE1A	-
ENSG00000186860	5.13E-15	-2.63127	1	1 KRTAP17-1	-
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ENSG00000186912	5.13E-15	-2.63127	1	1 P2RY4	K04271
ENSG00000186924	5.13E-15	-2.63127	1	1 KRTAP22-1	-
ENSG00000186925	5.13E-15	-2.63127	1	1 KRTAP19-6	-
ENSG00000186930	5.13E-15	-2.63127	1	1 KRTAP6-2	-
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ENSG00000186960	5.13E-15	-2.63127	1	1 C14orf23	-
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ENSG00000186967	5.13E-15	-2.63127	1	1 KRTAP19-4	-
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ENSG00000186971	5.13E-15	-2.63127	1	1 KRTAP13-4	-
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ENSG00000187005	5.13E-15	-2.63127	1	1 KRTAP21-1	-
ENSG00000187012	5.13E-15	-2.63127	1	1 LINC00207	-
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ENSG00000187026	5.13E-15	-2.63127	1	1 KRTAP21-2	-
ENSG00000187033	5.13E-15	-2.63127	1	1 SAMD7	-
ENSG00000187037	5.13E-15	-2.63127	1	1 GPR141	K08429
ENSG00000187048	5.13E-15	-2.63127	1	1 CYP4A11	K17687
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ENSG00000187180	5.13E-15	-2.63127	1	1 LCE2C	-
ENSG00000187185	5.13E-15	-2.63127	1	1 CTD-2600O9.1	-
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ENSG00000187243	5.13E-15	-2.63127	1	1 MAGED4B	K12464
ENSG00000187258	5.13E-15	-2.63127	1	1 NPSR1	K08376
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ENSG00000187461	5.13E-15	-2.63127	1	1 AL583828.1	-
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ENSG00000187483	5.13E-15	-2.63127	1	1 SERPINA13P	K04525
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ENSG00000187510	5.13E-15	-2.63127	1	1 PLEKHG7	-
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ENSG00000187533	5.13E-15	-2.63127	1	1 C4orf40	K05725
ENSG00000187536	5.13E-15	-2.63127	1	1 TPM3P7	K09290
ENSG00000187537	5.13E-15	-2.63127	1	1 POTEM	K17299
ENSG00000187545	5.13E-15	-2.63127	1	1 PRAMEF10	-
ENSG00000187546	5.13E-15	-2.63127	1	1 AGMO	K15537
ENSG00000187553	5.13E-15	-2.63127	1	1 CYP26C1	K12665
ENSG00000187559	5.13E-15	-2.63127	1	1 FOXD4L3	K09397
ENSG00000187566	5.13E-15	-2.63127	1	1 NHLRC1	K10602
ENSG00000187569	5.13E-15	-2.63127	1	1 DPPA3	-
ENSG00000187581	5.13E-15	-2.63127	1	1 COX8C	K02273
ENSG00000187589	5.13E-15	-2.63127	1	1 TERF1P2	K11110

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ENSG00000187624	5.13E-15	-2.63127	1	1 C17orf97	-
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ENSG00000187658	5.13E-15	-2.63127	1	1 C5orf52	-
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ENSG00000187672	5.13E-15	-2.63127	1	1 ERC2	K16072
ENSG00000187682	5.13E-15	-2.63127	1	1 ERAS	K17196
ENSG00000187690	5.13E-15	-2.63127	1	1 CXorf67	-
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ENSG00000187714	5.13E-15	-2.63127	1	1 SLC18A3	K14636
ENSG00000187715	5.13E-15	-2.63127	1	1 KBTBD12	-
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ENSG00000187730	5.13E-15	-2.63127	1	1 GABRD	K05184
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ENSG00000187747	5.13E-15	-2.63127	1	1 OR52B6	K04257
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ENSG00000187758	5.13E-15	-2.63127	1	1 ADH1A	K13951
ENSG00000187766	5.13E-15	-2.63127	1	1 KRTAP10-8	-
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ENSG00000187773	5.13E-15	-2.63127	1	1 FAM69C	-
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ENSG00000187806	5.13E-15	-2.63127	1	1 TMEM202	-
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ENSG00000187812	5.13E-15	-2.63127	1	1 RP11-24M17.5	-
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ENSG00000187821	5.13E-15	-2.63127	1	1 HELT	-
ENSG00000187823	5.13E-15	-2.63127	1	1 ZCCHC16	-
ENSG00000187833	5.13E-15	-2.63127	1	1 C2orf78	-
ENSG00000187847	5.13E-15	-2.63127	1	1 OR7E25P	K04257
ENSG00000187855	5.13E-15	-2.63127	1	1 ASCL4	K09067
ENSG00000187857	5.13E-15	-2.63127	1	1 OR6C75	K04257
ENSG00000187870	5.13E-15	-2.63127	1	1 RNFT1P3	-
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ENSG00000187889	5.13E-15	-2.63127	1	1 C1orf168	-
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ENSG00000187904	5.13E-15	-2.63127	1	1 AC097382.5	-
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ENSG00000187922	5.13E-15	-2.63127	1	1 LCN10	-
ENSG00000187950	5.13E-15	-2.63127	1	1 OVCH1	-
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ENSG00000187969	5.13E-15	-2.63127	1	1 ZCCHC13	K09250
ENSG00000187979	5.13E-15	-2.63127	1	1 AC008079.9	-
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ENSG00000187988	5.13E-15	-2.63127	1	1 RP11-405L18.2	-
ENSG00000187997	5.13E-15	-2.63127	1	1 C17orf99	-
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ENSG00000188000	5.13E-15	-2.63127	1	1 OR7D2	K04257
ENSG00000188011	5.13E-15	-2.63127	1	1 CXXC11	-
ENSG00000188013	5.13E-15	-2.63127	1	1 MEIS3P2	K16671
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ENSG00000188038	5.13E-15	-2.63127	1	1 NRN1L	-
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ENSG00000188056	5.13E-15	-2.63127	1	1 TREML4	-

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ENSG00000188086	5.13E-15	-2.63127	1	1 PRSS45	-
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ENSG00000188120	5.13E-15	-2.63127	1	1 DAZ1	-
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ENSG00000188171	5.13E-15	-2.63127	1	1 ZNF626	K09228
ENSG00000188219	5.13E-15	-2.63127	1	1 POTE	K17299
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ENSG00000188227	5.13E-15	-2.63127	1	1 ZNF793	K09228
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ENSG00000188295	5.13E-15	-2.63127	1	1 ZNF669	K09228
ENSG00000188306	5.13E-15	-2.63127	1	1 LRR1Q4	-
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ENSG00000188324	5.13E-15	-2.63127	1	1 OR6C6	K04257
ENSG00000188334	5.13E-15	-2.63127	1	1 BSPH1	-
ENSG00000188340	5.13E-15	-2.63127	1	1 OR6N2	K04257
ENSG00000188373	5.13E-15	-2.63127	1	1 C10orf99	-
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ENSG00000188386	5.13E-15	-2.63127	1	1 PPP3R2	K06268
ENSG00000188388	5.13E-15	-2.63127	1	1 GOLGA6L3	K10595
ENSG00000188389	5.13E-15	-2.63127	1	1 PDCD1	K06744
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ENSG00000188629	5.13E-15	-2.63127	1	1 ZNF177	K09228
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ENSG00000188649	5.13E-15	-2.63127	1	1 CC2D2B	K19352
ENSG00000188655	5.13E-15	-2.63127	1	1 RNASE9	-
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ENSG00000188782	5.13E-15	-2.63127	1	1 CATSPER4	K16892
ENSG00000188784	5.13E-15	-2.63127	1	1 PLA2G2E	K01047
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ENSG00000188868	5.13E-15	-2.63127	1	1 ZNF563	K09228
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ENSG00000188993	5.13E-15	-2.63127	1	1 LRRC66	-
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ENSG00000189011	5.13E-15	-2.63127	1	1 AC138783.12	K10858
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ENSG00000189037	5.13E-15	-2.63127	1	1 DUSP21	K14165
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ENSG00000189195	5.13E-15	-2.63127	1	1 BTBD8	K10480
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ENSG00000189283	5.13E-15	-2.63127	1	1 FHIT	K01522
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ENSG00000189316	5.13E-15	-2.63127	1	1 RP11-797H7.5	-
ENSG00000189325	5.13E-15	-2.63127	1	1 C6orf222	-
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ENSG00000189348	5.13E-15	-2.63127	1	1 FAM90A27P	-
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ENSG00000189372	5.13E-15	-2.63127	1	1 RP6-149D17.1	K14075
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ENSG00000194717	5.13E-15	-2.63127	1	1 MIR494	-
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ENSG00000196109	5.13E-15	-2.63127	1	1 ZNF676	K09228
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ENSG00000196136	5.13E-15	-2.63127	1	1 SERPINA3	K04525
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ENSG00000196228	5.13E-15	-2.63127	1	1 SULT1C3	K01025
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ENSG00000196368	5.13E-15	-2.63127	1	1 NUDT11	K07766
ENSG00000196376	5.13E-15	-2.63127	1	1 SLC35F1	K15287
ENSG00000196381	5.13E-15	-2.63127	1	1 ZNF781	K09228
ENSG00000196383	5.13E-15	-2.63127	1	1 OR4Q2	K04257
ENSG00000196390	5.13E-15	-2.63127	1	1 CTD-2503O16.3	K09228
ENSG00000196395	5.13E-15	-2.63127	1	1 RP13-77O11.11	-
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ENSG00000196403	5.13E-15	-2.63127	1	1 OR10D1P	K04257
ENSG00000196406	5.13E-15	-2.63127	1	1 SPANXD	-
ENSG00000196431	5.13E-15	-2.63127	1	1 CRYBA4	-
ENSG00000196433	5.13E-15	-2.63127	1	1 ASMT	K00543
ENSG00000196440	5.13E-15	-2.63127	1	1 ARMCX4	K03767
ENSG00000196460	5.13E-15	-2.63127	1	1 RFX8	-
ENSG00000196468	5.13E-15	-2.63127	1	1 FGF16	K04358
ENSG00000196472	5.13E-15	-2.63127	1	1 RP13-644M16.4	K00699
ENSG00000196475	5.13E-15	-2.63127	1	1 GK2	K00864
ENSG00000196476	5.13E-15	-2.63127	1	1 C20orf96	-
ENSG00000196482	5.13E-15	-2.63127	1	1 ESRRG	K08554
ENSG00000196533	5.13E-15	-2.63127	1	1 C1orf186	K02872
ENSG00000196534	5.13E-15	-2.63127	1	1 OR9K1P	K04257
ENSG00000196539	5.13E-15	-2.63127	1	1 OR2T3	K04257
ENSG00000196542	5.13E-15	-2.63127	1	1 SPTSSB	-
ENSG00000196553	5.13E-15	-2.63127	1	1 LINC00238	-
ENSG00000196564	5.13E-15	-2.63127	1	1 RP3-499B10.3	K12581
ENSG00000196565	5.13E-15	-2.63127	1	1 HBG2	K13824
ENSG00000196578	5.13E-15	-2.63127	1	1 OR5AC2	K04257
ENSG00000196581	5.13E-15	-2.63127	1	1 AJAP1	-
ENSG00000196589	5.13E-15	-2.63127	1	1 CTB-25J19.1	-
ENSG00000196600	5.13E-15	-2.63127	1	1 SLC22A25	K08206
ENSG00000196616	5.13E-15	-2.63127	1	1 ADH1B	K13951
ENSG00000196620	5.13E-15	-2.63127	1	1 UGT2B15	K00699
ENSG00000196628	5.13E-15	-2.63127	1	1 TCF4	K15603

ENSG00000196632	5.13E-15	-2.63127	1	1 WNK3	K08867
ENSG00000196653	5.13E-15	-2.63127	1	1 ZNF502	K09228
ENSG00000196655	5.13E-15	-2.63127	1	1 TRAPPC4	K08171
ENSG00000196660	5.13E-15	-2.63127	1	1 SLC30A10	K14697
ENSG00000196661	5.13E-15	-2.63127	1	1 OR8B3	K04257
ENSG00000196664	5.13E-15	-2.63127	1	1 TLR7	-
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ENSG00000196734	5.13E-15	-2.63127	1	1 LCE1B	-
ENSG00000196735	5.13E-15	-2.63127	1	1 HLA-DQA1	K06752
ENSG00000196737	5.13E-15	-2.63127	1	1 AC087392.1	K12581
ENSG00000196748	5.13E-15	-2.63127	1	1 CLPSL2	-
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ENSG00000196772	5.13E-15	-2.63127	1	1 OR14A16	K04257
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ENSG00000196777	5.13E-15	-2.63127	1	1 AL162574.1	-
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ENSG00000196832	5.13E-15	-2.63127	1	1 OR11G2	K04257
ENSG00000196834	5.13E-15	-2.63127	1	1 POTEI	K17299
ENSG00000196844	5.13E-15	-2.63127	1	1 PATE2	-
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ENSG00000196861	5.13E-15	-2.63127	1	1 AC002994.1	K03626
ENSG00000196893	5.13E-15	-2.63127	1	1 AC090286.4	-
ENSG00000196932	5.13E-15	-2.63127	1	1 TMEM26	-
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ENSG00000196936	5.13E-15	-2.63127	1	1 OR2L8	K04257
ENSG00000196944	5.13E-15	-2.63127	1	1 OR2T4	K04257
ENSG00000196946	5.13E-15	-2.63127	1	1 ZNF705A	K09228
ENSG00000196951	5.13E-15	-2.63127	1	1 RP11-425I13.3	-
ENSG00000196967	5.13E-15	-2.63127	1	1 ZNF585A	K09228
ENSG00000196970	5.13E-15	-2.63127	1	1 NXF4	K14284
ENSG00000196972	5.13E-15	-2.63127	1	1 LINC00087	-
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ENSG00000196987	5.13E-15	-2.63127	1	1 LCA10	K03539
ENSG00000196990	5.13E-15	-2.63127	1	1 FAM163B	-
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ENSG00000197015	5.13E-15	-2.63127	1	1 AL353898.1	K12581
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ENSG00000197023	5.13E-15	-2.63127	1	1 OR51A6P	K04257
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ENSG00000197046	5.13E-15	-2.63127	1	1 SIGLEC15	K16352
ENSG00000197057	5.13E-15	-2.63127	1	1 DTHD1	-
ENSG00000197067	5.13E-15	-2.63127	1	1 OR2T32P	K04257
ENSG00000197071	5.13E-15	-2.63127	1	1 AC010243.1	-
ENSG00000197079	5.13E-15	-2.63127	1	1 KRT35	K07604
ENSG00000197083	5.13E-15	-2.63127	1	1 ZNF300P1	K09228
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ENSG00000197085	5.13E-15	-2.63127	1	1 NPSR1-AS1	-
ENSG00000197092	5.13E-15	-2.63127	1	1 GOLGA6L16P	K10595
ENSG00000197099	5.13E-15	-2.63127	1	1 RP11-573D15.8	-
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ENSG00000197125	5.13E-15	-2.63127	1	1 OR8B8	K04257
ENSG00000197134	5.13E-15	-2.63127	1	1 ZNF257	K10087
ENSG00000197161	5.13E-15	-2.63127	1	1 OR4C4P	K04257
ENSG00000197171	5.13E-15	-2.63127	1	1 OR2B4P	K04257
ENSG00000197176	5.13E-15	-2.63127	1	1 RP11-76E12.1	-
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ENSG00000197185	5.13E-15	-2.63127	1	1 SSXP1	K15624
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ENSG00000197233	5.13E-15	-2.63127	1	1 OR1J2	K04257
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ENSG00000197251	5.13E-15	-2.63127	1	1 LINC00336	-
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ENSG00000197254	5.13E-15	-2.63127	1	1 AP000445.1	K00628
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ENSG00000197291	5.13E-15	-2.63127	1	1 RAMP2-AS1	-
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ENSG00000197308	5.13E-15	-2.63127	1	1 GATA3-AS1	-
ENSG00000197309	5.13E-15	-2.63127	1	1 OR10D3	K04257
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ENSG00000197353	5.13E-15	-2.63127	1	1 LYPD2	-
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ENSG00000197403	5.13E-15	-2.63127	1	1 OR6N1	K04257
ENSG00000197408	5.13E-15	-2.63127	1	1 CYP2B6	K17709
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ENSG00000197414	5.13E-15	-2.63127	1	1 GOLGA6L1	K09488
ENSG00000197421	5.13E-15	-2.63127	1	1 GGT3P	K18592
ENSG00000197428	5.13E-15	-2.63127	1	1 OR51D1	K04257
ENSG00000197430	5.13E-15	-2.63127	1	1 OPALIN	-
ENSG00000197437	5.13E-15	-2.63127	1	1 OR13G1	K04257
ENSG00000197454	5.13E-15	-2.63127	1	1 OR2L5	K04257
ENSG00000197462	5.13E-15	-2.63127	1	1 AC005276.1	-
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ENSG00000197468	5.13E-15	-2.63127	1	1 RP11-747H12.1	K04257
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ENSG00000197472	5.13E-15	-2.63127	1	1 ZNF695	K09228
ENSG00000197475	5.13E-15	-2.63127	1	1 ADAM3A	-
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ENSG00000197479	5.13E-15	-2.63127	1	1 PCDHB11	K16494
ENSG00000197487	5.13E-15	-2.63127	1	1 GALP	-
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ENSG00000197502	5.13E-15	-2.63127	1	1 AL627171.1	-
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ENSG00000197532	5.13E-15	-2.63127	1	1 OR6Y1	K04257
ENSG00000197549	5.13E-15	-2.63127	1	1 PRAMENP	-
ENSG00000197550	5.13E-15	-2.63127	1	1 RP11-460N11.2	K09228
ENSG00000197575	5.13E-15	-2.63127	1	1 RPS17P2	K02962
ENSG00000197585	5.13E-15	-2.63127	1	1 AC107218.3	-
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ENSG00000197591	5.13E-15	-2.63127	1	1 OR11L1	K04257
ENSG00000197594	5.13E-15	-2.63127	1	1 ENPP1	K01513
ENSG00000197595	5.13E-15	-2.63127	1	1 C13orf35	-
ENSG00000197616	5.13E-15	-2.63127	1	1 MYH6	K17751
ENSG00000197617	5.13E-15	-2.63127	1	1 VN1R5	K04614
ENSG00000197619	5.13E-15	-2.63127	1	1 ZNF615	K09228
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ENSG00000197641	5.13E-15	-2.63127	1	1 SERPINB13	K13963
ENSG00000197644	5.13E-15	-2.63127	1	1 AC106870.2	-
ENSG00000197647	5.13E-15	-2.63127	1	1 ZNF433	K09228
ENSG00000197651	5.13E-15	-2.63127	1	1 CCER1	-
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ENSG00000197665	5.13E-15	-2.63127	1	1 AC007952.6	-
ENSG00000197674	5.13E-15	-2.63127	1	1 OR51C1P	K04257
ENSG00000197683	5.13E-15	-2.63127	1	1 KRTAP26-1	-
ENSG00000197692	5.13E-15	-2.63127	1	1 CBX3P7	K11586
ENSG00000197704	5.13E-15	-2.63127	1	1 FRMPD2P1	-
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ENSG00000197706	5.13E-15	-2.63127	1	1 OR6C74	K04257
ENSG00000197721	5.13E-15	-2.63127	1	1 CR1L	K04011
ENSG00000197723	5.13E-15	-2.63127	1	1 HSPB9	K09547
ENSG00000197734	5.13E-15	-2.63127	1	1 C14orf178	K09228
ENSG00000197745	5.13E-15	-2.63127	1	1 SCGB1D4	-
ENSG00000197775	5.13E-15	-2.63127	1	1 DHRS4-AS1	-
ENSG00000197776	5.13E-15	-2.63127	1	1 KLHDC1	-
ENSG00000197779	5.13E-15	-2.63127	1	1 ZNF81	K09228
ENSG00000197786	5.13E-15	-2.63127	1	1 OR5B17	K04257
ENSG00000197790	5.13E-15	-2.63127	1	1 OR52M1	K04257
ENSG00000197794	5.13E-15	-2.63127	1	1 IGKV7-3	-
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ENSG00000197822	5.13E-15	-2.63127	1	1 OCLN	K06088
ENSG00000197825	5.13E-15	-2.63127	1	1 AC061975.1	K01368
ENSG00000197826	5.13E-15	-2.63127	1	1 C4orf22	-
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ENSG00000197844	5.13E-15	-2.63127	1	1 AL358813.1	-
ENSG00000197849	5.13E-15	-2.63127	1	1 OR8G1	K04257
ENSG00000197851	5.13E-15	-2.63127	1	1 C7orf76	-
ENSG00000197863	5.13E-15	-2.63127	1	1 ZNF790	K09228
ENSG00000197866	5.13E-15	-2.63127	1	1 OR5M12P	K04257
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ENSG00000197872	5.13E-15	-2.63127	1	1 FAM49A	-
ENSG00000197887	5.13E-15	-2.63127	1	1 OR1S2	K04257
ENSG00000197889	5.13E-15	-2.63127	1	1 MEIG1	-
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ENSG00000197893	5.13E-15	-2.63127	1	1 NRAP	-
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ENSG00000197910	5.13E-15	-2.63127	1	1 FAM25G	-
ENSG00000197919	5.13E-15	-2.63127	1	1 IFNA1	K05414
ENSG00000197921	5.13E-15	-2.63127	1	1 HES5	K06055
ENSG00000197928	5.13E-15	-2.63127	1	1 ZNF677	K09228
ENSG00000197932	5.13E-15	-2.63127	1	1 F8A1	-
ENSG00000197934	5.13E-15	-2.63127	1	1 AP001597.1	-
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ENSG00000197937	5.13E-15	-2.63127	1	1 ZNF347	K12581
ENSG00000197938	5.13E-15	-2.63127	1	1 OR5H2	K04257
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ENSG00000197984	5.13E-15	-2.63127	1	1 OR51A8P	K04257
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ENSG00000197993	5.13E-15	-2.63127	1	1 KEL	K06577
ENSG00000198010	5.13E-15	-2.63127	1	1 DLGAP2	-
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ENSG00000198021	5.13E-15	-2.63127	1	1 SPANXA1	-
ENSG00000198022	5.13E-15	-2.63127	1	1 RP11-432N13.4	-
ENSG00000198028	5.13E-15	-2.63127	1	1 ZNF560	K09228
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ENSG00000198046	5.13E-15	-2.63127	1	1 ZNF667	K09228
ENSG00000198049	5.13E-15	-2.63127	1	1 AVPR1B	K04227
ENSG00000198054	5.13E-15	-2.63127	1	1 DSCR8	-
ENSG00000198062	5.13E-15	-2.63127	1	1 POTEH	K17299
ENSG00000198064	5.13E-15	-2.63127	1	1 RP11-347C12.1	K01896
ENSG00000198075	5.13E-15	-2.63127	1	1 SULT1C4	K01025
ENSG00000198077	5.13E-15	-2.63127	1	1 CYP2A7	K17684
ENSG00000198082	5.13E-15	-2.63127	1	1 H2AFB1	K11251
ENSG00000198083	5.13E-15	-2.63127	1	1 KRTAP9-9	-
ENSG00000198090	5.13E-15	-2.63127	1	1 KRTAP4-6	-
ENSG00000198092	5.13E-15	-2.63127	1	1 TMPRSS11F	K09752
ENSG00000198093	5.13E-15	-2.63127	1	1 ZNF649	K09228
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ENSG00000198100	5.13E-15	-2.63127	1	1 AL138751.1	K12581
ENSG00000198104	5.13E-15	-2.63127	1	1 OR2T6	K04257
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ENSG00000198128	5.13E-15	-2.63127	1	1 OR2L3	K04257
ENSG00000198129	5.13E-15	-2.63127	1	1 DEFB107B	-
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ENSG00000198155	5.13E-15	-2.63127	1	1 ZNF876P	K09228
ENSG00000198161	5.13E-15	-2.63127	1	1 PPIAL4C	K12738
ENSG00000198173	5.13E-15	-2.63127	1	1 FAM47C	-
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ENSG00000198183	5.13E-15	-2.63127	1	1 BPIFA1	-
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ENSG00000198203	5.13E-15	-2.63127	1	1 SULT1C2	K01025
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ENSG00000198217	5.13E-15	-2.63127	1	1 OR51H2P	K04257
ENSG00000198250	5.13E-15	-2.63127	1	1 ANTXRL	-
ENSG00000198251	5.13E-15	-2.63127	1	1 CTC-490E21.13	K17685
ENSG00000198261	5.13E-15	-2.63127	1	1 OR5BB1P	K04257
ENSG00000198271	5.13E-15	-2.63127	1	1 KRTAP4-5	-
ENSG00000198277	5.13E-15	-2.63127	1	1 RP11-468N14.09	K00699
ENSG00000198283	5.13E-15	-2.63127	1	1 OR5B21	K04257
ENSG00000198284	5.13E-15	-2.63127	1	1 NUP210P1	K14314
ENSG00000198300	5.13E-15	-2.63127	1	1 PEG3	K09230
ENSG00000198305	5.13E-15	-2.63127	1	1 SPDYE8P	K08694
ENSG00000198307	5.13E-15	-2.63127	1	1 H2AFB2	K11251
ENSG00000198327	5.13E-15	-2.63127	1	1 HIST1H4F	K11254
ENSG00000198342	5.13E-15	-2.63127	1	1 ZNF442	K09228
ENSG00000198346	5.13E-15	-2.63127	1	1 ZNF813	K09228
ENSG00000198354	5.13E-15	-2.63127	1	1 DCAF12L2	K11803
ENSG00000198358	5.13E-15	-2.63127	1	1 RP11-544M22.1	-
ENSG00000198367	5.13E-15	-2.63127	1	1 OR7A11P	K04257
ENSG00000198388	5.13E-15	-2.63127	1	1 AC092291.1	-
ENSG00000198390	5.13E-15	-2.63127	1	1 KRTAP13-1	-
ENSG00000198398	5.13E-15	-2.63127	1	1 TMEM207	-
ENSG00000198414	5.13E-15	-2.63127	1	1 TATDN2P1	K03424

ENSG00000198417	5.13E-15	-2.63127	1	1 MT1F	K14739
ENSG00000198429	5.13E-15	-2.63127	1	1 ZNF69	K09228
ENSG00000198434	5.13E-15	-2.63127	1	1 AF241725.1	-
ENSG00000198443	5.13E-15	-2.63127	1	1 KRTAP4-1	-
ENSG00000198444	5.13E-15	-2.63127	1	1 F8A2	-
ENSG00000198445	5.13E-15	-2.63127	1	1 CCT8L2	K09500
ENSG00000198452	5.13E-15	-2.63127	1	1 OR14L1P	K04257
ENSG00000198453	5.13E-15	-2.63127	1	1 ZNF568	K09228
ENSG00000198454	5.13E-15	-2.63127	1	1 C9orf141	-
ENSG00000198477	5.13E-15	-2.63127	1	1 ZNF280B	-
ENSG00000198482	5.13E-15	-2.63127	1	1 ZNF808	K09228
ENSG00000198483	5.13E-15	-2.63127	1	1 ANKRD35	-
ENSG00000198488	5.13E-15	-2.63127	1	1 B3GNT6	K00739
ENSG00000198491	5.13E-15	-2.63127	1	1 RP11-208N14.4	-
ENSG00000198502	5.13E-15	-2.63127	1	1 HLA-DRB5	K06752
ENSG00000198521	5.13E-15	-2.63127	1	1 ZNF43	-
ENSG00000198526	5.13E-15	-2.63127	1	1 PABPC1P2	K13126
ENSG00000198555	5.13E-15	-2.63127	1	1 RP11-598D12.4	K05039
ENSG00000198558	5.13E-15	-2.63127	1	1 HIST1H4L	K11254
ENSG00000198563	5.13E-15	-2.63127	1	1 DDX39B	K12812
ENSG00000198573	5.13E-15	-2.63127	1	1 SPANXC	-
ENSG00000198597	5.13E-15	-2.63127	1	1 ZNF536	K09228
ENSG00000198601	5.13E-15	-2.63127	1	1 OR2M2	K04257
ENSG00000198610	5.13E-15	-2.63127	1	1 AKR1C4	K00037
ENSG00000198624	5.13E-15	-2.63127	1	1 CCDC69	K17985
ENSG00000198633	5.13E-15	-2.63127	1	1 ZNF534	K09228
ENSG00000198643	5.13E-15	-2.63127	1	1 FAM3D	-
ENSG00000198648	5.13E-15	-2.63127	1	1 STK39	K08835
ENSG00000198650	5.13E-15	-2.63127	1	1 TAT	K00815
ENSG00000198657	5.13E-15	-2.63127	1	1 OR8B4	K04257
ENSG00000198670	5.13E-15	-2.63127	1	1 LPA	K09644
ENSG00000198671	5.13E-15	-2.63127	1	1 RP11-168J19.2	-
ENSG00000198674	5.13E-15	-2.63127	1	1 OR10G6	K04257
ENSG00000198678	5.13E-15	-2.63127	1	1 OR5BS1P	K04257
ENSG00000198681	5.13E-15	-2.63127	1	1 MAGEA1	-
ENSG00000198683	5.13E-15	-2.63127	1	1 AC012615.1	K17985
ENSG00000198685	5.13E-15	-2.63127	1	1 C3orf27	K18047
ENSG00000198692	5.13E-15	-2.63127	1	1 EIF1AY	K03236
ENSG00000198703	5.13E-15	-2.63127	1	1 OR10R3P	K04257
ENSG00000198704	5.13E-15	-2.63127	1	1 GPX6	K00432
ENSG00000198719	5.13E-15	-2.63127	1	1 DLL1	K06051
ENSG00000198729	5.13E-15	-2.63127	1	1 PPP1R14C	K17556
ENSG00000198734	5.13E-15	-2.63127	1	1 F5	K03902
ENSG00000198738	5.13E-15	-2.63127	1	1 SMIM11P1	-
ENSG00000198743	5.13E-15	-2.63127	1	1 SLC5A3	K14383
ENSG00000198756	5.13E-15	-2.63127	1	1 COLGALT2	K11703
ENSG00000198759	5.13E-15	-2.63127	1	1 EGFL6	-
ENSG00000198765	5.13E-15	-2.63127	1	1 SYCP1	K19533
ENSG00000198787	5.13E-15	-2.63127	1	1 OR4D12P	K04257
ENSG00000198788	5.13E-15	-2.63127	1	1 MUC2	K10955
ENSG00000198797	5.13E-15	-2.63127	1	1 BRINP2	-
ENSG00000198798	5.13E-15	-2.63127	1	1 MAGEB3	-
ENSG00000198812	5.13E-15	-2.63127	1	1 LRRC10	K17692
ENSG00000198821	5.13E-15	-2.63127	1	1 CD247	K06453
ENSG00000198842	5.13E-15	-2.63127	1	1 DUSP27	K14165
ENSG00000198844	5.13E-15	-2.63127	1	1 ARHGEF15	-
ENSG00000198848	5.13E-15	-2.63127	1	1 CES1	K01044
ENSG00000198851	5.13E-15	-2.63127	1	1 CD3E	K06451

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ENSG00000198865	5.13E-15	-2.63127	1	1 CCDC152	-
ENSG00000198868	5.13E-15	-2.63127	1	1 MIR4461	K03882
ENSG00000198877	5.13E-15	-2.63127	1	1 OR5D13	K04257
ENSG00000198881	5.13E-15	-2.63127	1	1 ASB12	K10334
ENSG00000198883	5.13E-15	-2.63127	1	1 PNMA5	-
ENSG00000198885	5.13E-15	-2.63127	1	1 ITPRIPL1	-
ENSG00000198889	5.13E-15	-2.63127	1	1 DCAF12L1	K11803
ENSG00000198908	5.13E-15	-2.63127	1	1 BHLHB9	-
ENSG00000198914	5.13E-15	-2.63127	1	1 POU3F3	K09365
ENSG00000198923	5.13E-15	-2.63127	1	1 RP11-290L1.7	K11130
ENSG00000198932	5.13E-15	-2.63127	1	1 GPRASP1	-
ENSG00000198933	5.13E-15	-2.63127	1	1 TBKBP1	K12652
ENSG00000198934	5.13E-15	-2.63127	1	1 MAGEE1	-
ENSG00000198944	5.13E-15	-2.63127	1	1 SOWAHA	-
ENSG00000198946	5.13E-15	-2.63127	1	1 SSX4B	K15624
ENSG00000198960	5.13E-15	-2.63127	1	1 ARMCX6	-
ENSG00000198963	5.13E-15	-2.63127	1	1 RORB	K08533
ENSG00000198965	5.13E-15	-2.63127	1	1 OR10R2	K04257
ENSG00000198967	5.13E-15	-2.63127	1	1 OR10Z1	K04257
ENSG00000198972	5.13E-15	-2.63127	1	1 MIRLET7E	-
ENSG00000198973	5.13E-15	-2.63127	1	1 MIR375	-
ENSG00000198974	5.13E-15	-2.63127	1	1 MIR30E	-
ENSG00000198975	5.13E-15	-2.63127	1	1 MIRLET7A2	-
ENSG00000198976	5.13E-15	-2.63127	1	1 MIR429	-
ENSG00000198982	5.13E-15	-2.63127	1	1 MIR380	-
ENSG00000198983	5.13E-15	-2.63127	1	1 MIR449A	-
ENSG00000198984	5.13E-15	-2.63127	1	1 MIR345	-
ENSG00000198986	5.13E-15	-2.63127	1	1 MIRLET7A3	-
ENSG00000198987	5.13E-15	-2.63127	1	1 MIR16-2	-
ENSG00000198995	5.13E-15	-2.63127	1	1 MIR340	-
ENSG00000198997	5.13E-15	-2.63127	1	1 MIR107	-
ENSG00000199001	5.13E-15	-2.63127	1	1 MIR448	-
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ENSG00000199005	5.13E-15	-2.63127	1	1 MIR370	-
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ENSG00000199015	5.13E-15	-2.63127	1	1 MIR377	-
ENSG00000199017	5.13E-15	-2.63127	1	1 MIR1-1	-
ENSG00000199020	5.13E-15	-2.63127	1	1 MIR381	-
ENSG00000199023	5.13E-15	-2.63127	1	1 MIR339	-
ENSG00000199025	5.13E-15	-2.63127	1	1 MIR369	-
ENSG00000199030	5.13E-15	-2.63127	1	1 MIRLET7C	-
ENSG00000199031	5.13E-15	-2.63127	1	1 MIR371A	-
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ENSG00000199035	5.13E-15	-2.63127	1	1 MIR103A1	-
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ENSG00000199043	5.13E-15	-2.63127	1	1 MIR335	-
ENSG00000199051	5.13E-15	-2.63127	1	1 MIR361	-
ENSG00000199053	5.13E-15	-2.63127	1	1 MIR324	-
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ENSG00000199065	5.13E-15	-2.63127	1	1 MIR101-2	-
ENSG00000199066	5.13E-15	-2.63127	1	1 MIR330	-
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ENSG00000199075	5.13E-15	-2.63127	1	1 MIR26A1	-
ENSG00000199077	5.13E-15	-2.63127	1	1 MIR129-2	-
ENSG00000199080	5.13E-15	-2.63127	1	1 MIR133B	-
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ENSG00000199088	5.13E-15	-2.63127	1	1 MIR379	--
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ENSG00000199092	5.13E-15	-2.63127	1	1 MIR410	--
ENSG00000199095	5.13E-15	-2.63127	1	1 MIR372	--
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ENSG00000199107	5.13E-15	-2.63127	1	1 MIR409	--
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ENSG00000199121	5.13E-15	-2.63127	1	1 MIR26B	--
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ENSG00000199127	5.13E-15	-2.63127	1	1 MIR383	--
ENSG00000199135	5.13E-15	-2.63127	1	1 MIR101-1	--
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ENSG00000199145	5.13E-15	-2.63127	1	1 MIR302D	--
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ENSG00000199153	5.13E-15	-2.63127	1	1 MIR30D	--
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ENSG00000199161	5.13E-15	-2.63127	1	1 MIR126	--
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ENSG00000199168	5.13E-15	-2.63127	1	1 MIR374A	--
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ENSG00000199172	5.13E-15	-2.63127	1	1 MIR331	--
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ENSG00000199196	5.13E-15	-2.63127	1	1 SNORA25	--
ENSG00000199197	5.13E-15	-2.63127	1	1 RN7SKP72	--
ENSG00000199200	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199201	5.13E-15	-2.63127	1	1 Y_RNA	--
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ENSG00000199204	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199212	5.13E-15	-2.63127	1	1 RNU105C	--
ENSG00000199214	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199217	5.13E-15	-2.63127	1	1 RNU6-1123P	--
ENSG00000199218	5.13E-15	-2.63127	1	1 RN7SKP184	--
ENSG00000199219	5.13E-15	-2.63127	1	1 RNU6-500P	--
ENSG00000199220	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199222	5.13E-15	-2.63127	1	1 Y_RNA	--
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ENSG00000199224	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199231	5.13E-15	-2.63127	1	1 snoU2_19	--
ENSG00000199235	5.13E-15	-2.63127	1	1 RNU6-1063P	--
ENSG00000199237	5.13E-15	-2.63127	1	1 RNU6-834P	--
ENSG00000199240	5.13E-15	-2.63127	1	1 RNA5SP46	--
ENSG00000199241	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199245	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199246	5.13E-15	-2.63127	1	1 RNU6-896P	--
ENSG00000199248	5.13E-15	-2.63127	1	1 RNU6-28P	--
ENSG00000199251	5.13E-15	-2.63127	1	1 RNU6-664P	--
ENSG00000199260	5.13E-15	-2.63127	1	1 RNU6-874P	--
ENSG00000199262	5.13E-15	-2.63127	1	1 MIR3607	--
ENSG00000199263	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199270	5.13E-15	-2.63127	1	1 RNA5S12	--
ENSG00000199272	5.13E-15	-2.63127	1	1 RNU6-349P	--
ENSG00000199273	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199276	5.13E-15	-2.63127	1	1 RNA5SP26	--

ENSG00000199279	5.13E-15	-2.63127	1	1 RNU6-661P	--
ENSG00000199282	5.13E-15	-2.63127	1	1 SNORA9	--
ENSG00000199283	5.13E-15	-2.63127	1	1 RNU1-58P	--
ENSG00000199285	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199286	5.13E-15	-2.63127	1	1 RNU6-1094P	--
ENSG00000199287	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199289	5.13E-15	-2.63127	1	1 RNU6-502P	--
ENSG00000199290	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199291	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199293	5.13E-15	-2.63127	1	1 SNORA21	--
ENSG00000199295	5.13E-15	-2.63127	1	1 RNU6-1312P	--
ENSG00000199299	5.13E-15	-2.63127	1	1 RNA5SP430	--
ENSG00000199301	5.13E-15	-2.63127	1	1 RNU6-208P	--
ENSG00000199303	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199306	5.13E-15	-2.63127	1	1 RNU6-858P	--
ENSG00000199308	5.13E-15	-2.63127	1	1 RNU6-222P	--
ENSG00000199311	5.13E-15	-2.63127	1	1 SNORD115-34	--
ENSG00000199313	5.13E-15	-2.63127	1	1 RNU4-82P	--
ENSG00000199315	5.13E-15	-2.63127	1	1 RNA5SP347	--
ENSG00000199318	5.13E-15	-2.63127	1	1 RNA5SP52	--
ENSG00000199319	5.13E-15	-2.63127	1	1 RN7SKP25	--
ENSG00000199321	5.13E-15	-2.63127	1	1 SNORD60	--
ENSG00000199322	5.13E-15	-2.63127	1	1 RNA5SP183	--
ENSG00000199325	5.13E-15	-2.63127	1	1 RNU4-39P	--
ENSG00000199326	5.13E-15	-2.63127	1	1 RNU6-1298P	--
ENSG00000199327	5.13E-15	-2.63127	1	1 RNU6-230P	--
ENSG00000199332	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199334	5.13E-15	-2.63127	1	1 RNA5S11	--
ENSG00000199335	5.13E-15	-2.63127	1	1 RNU6-204P	--
ENSG00000199337	5.13E-15	-2.63127	1	1 RNA5S3	--
ENSG00000199347	5.13E-15	-2.63127	1	1 RNU5E-1	--
ENSG00000199348	5.13E-15	-2.63127	1	1 RNU6-766P	--
ENSG00000199349	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199350	5.13E-15	-2.63127	1	1 RNA5SP432	--
ENSG00000199352	5.13E-15	-2.63127	1	1 RNA5S1	--
ENSG00000199354	5.13E-15	-2.63127	1	1 RNA5SP273	--
ENSG00000199357	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199360	5.13E-15	-2.63127	1	1 RNU6-1115P	--
ENSG00000199361	5.13E-15	-2.63127	1	1 RNU1-150P	--
ENSG00000199362	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199363	5.13E-15	-2.63127	1	1 SNORA63	--
ENSG00000199364	5.13E-15	-2.63127	1	1 RNA5SP327	--
ENSG00000199366	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199368	5.13E-15	-2.63127	1	1 RNU6-1084P	--
ENSG00000199370	5.13E-15	-2.63127	1	1 U3	--
ENSG00000199373	5.13E-15	-2.63127	1	1 RNA5SP453	--
ENSG00000199377	5.13E-15	-2.63127	1	1 RNU5F-1	--
ENSG00000199378	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199381	5.13E-15	-2.63127	1	1 RNU6-79P	--
ENSG00000199385	5.13E-15	-2.63127	1	1 RNU6-369P	--
ENSG00000199390	5.13E-15	-2.63127	1	1 SNORD114-7	--
ENSG00000199392	5.13E-15	-2.63127	1	1 SNORA25	--
ENSG00000199394	5.13E-15	-2.63127	1	1 RNU6-600P	--
ENSG00000199395	5.13E-15	-2.63127	1	1 RNA5SP93	--
ENSG00000199396	5.13E-15	-2.63127	1	1 RNA5S5	--
ENSG00000199398	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199400	5.13E-15	-2.63127	1	1 RNY4P19	--
ENSG00000199402	5.13E-15	-2.63127	1	1 RNA5SP308	--

ENSG00000199404	5.13E-15	-2.63127	1	1 RNA5SP250	--
ENSG00000199405	5.13E-15	-2.63127	1	1 SNORA1	--
ENSG00000199407	5.13E-15	-2.63127	1	1 RNA5SP301	--
ENSG00000199409	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199410	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199411	5.13E-15	-2.63127	1	1 SNORD62	--
ENSG00000199420	5.13E-15	-2.63127	1	1 RN7SKP170	--
ENSG00000199422	5.13E-15	-2.63127	1	1 VTRNA3-1P	--
ENSG00000199424	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199426	5.13E-15	-2.63127	1	1 RNU1-108P	--
ENSG00000199432	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199436	5.13E-15	-2.63127	1	1 SNORD9	--
ENSG00000199440	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199442	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199444	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199446	5.13E-15	-2.63127	1	1 RNU6-543P	--
ENSG00000199448	5.13E-15	-2.63127	1	1 RNU6-845P	--
ENSG00000199450	5.13E-15	-2.63127	1	1 RNA5SP276	--
ENSG00000199453	5.13E-15	-2.63127	1	1 SNORD115-12	--
ENSG00000199454	5.13E-15	-2.63127	1	1 RNA5SP388	--
ENSG00000199455	5.13E-15	-2.63127	1	1 RNA5SP191	--
ENSG00000199458	5.13E-15	-2.63127	1	1 RNU4-35P	--
ENSG00000199459	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199460	5.13E-15	-2.63127	1	1 RNU6-1216P	--
ENSG00000199461	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199468	5.13E-15	-2.63127	1	1 RNU6-556P	--
ENSG00000199469	5.13E-15	-2.63127	1	1 RNU1-62P	--
ENSG00000199470	5.13E-15	-2.63127	1	1 SNORA64	--
ENSG00000199472	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199473	5.13E-15	-2.63127	1	1 SNORA63	--
ENSG00000199474	5.13E-15	-2.63127	1	1 SNORA27	--
ENSG00000199475	5.13E-15	-2.63127	1	1 RN7SKP104	--
ENSG00000199480	5.13E-15	-2.63127	1	1 RNA5SP357	--
ENSG00000199482	5.13E-15	-2.63127	1	1 RNU6-633P	--
ENSG00000199483	5.13E-15	-2.63127	1	1 RNU4-15P	--
ENSG00000199487	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199488	5.13E-15	-2.63127	1	1 RNU1-70P	--
ENSG00000199489	5.13E-15	-2.63127	1	1 SNORD115-25	--
ENSG00000199490	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199492	5.13E-15	-2.63127	1	1 RNU6-1313P	--
ENSG00000199497	5.13E-15	-2.63127	1	1 RNU1-94P	--
ENSG00000199506	5.13E-15	-2.63127	1	1 RNU6-247P	--
ENSG00000199508	5.13E-15	-2.63127	1	1 RNA5SP110	--
ENSG00000199512	5.13E-15	-2.63127	1	1 RNU6-212P	--
ENSG00000199514	5.13E-15	-2.63127	1	1 RNU6-235P	--
ENSG00000199515	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199516	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199520	5.13E-15	-2.63127	1	1 RNU6-386P	--
ENSG00000199523	5.13E-15	-2.63127	1	1 RNA5SP226	--
ENSG00000199525	5.13E-15	-2.63127	1	1 RNA5SP295	--
ENSG00000199529	5.13E-15	-2.63127	1	1 RNU6-462P	--
ENSG00000199530	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199535	5.13E-15	-2.63127	1	1 RNA5SP305	--
ENSG00000199536	5.13E-15	-2.63127	1	1 RNU6-315P	--
ENSG00000199540	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199546	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199551	5.13E-15	-2.63127	1	1 RNU6-545P	--
ENSG00000199552	5.13E-15	-2.63127	1	1 SNORA63	--

ENSG00000199556	5.13E-15	-2.63127	1	1 RNA5SP361	--
ENSG00000199562	5.13E-15	-2.63127	1	1 RNU6-37P	--
ENSG00000199564	5.13E-15	-2.63127	1	1 RNA5SP502	--
ENSG00000199565	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199566	5.13E-15	-2.63127	1	1 SNORA64	--
ENSG00000199567	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199570	5.13E-15	-2.63127	1	1 RNU6-228P	--
ENSG00000199571	5.13E-15	-2.63127	1	1 SNORA22	--
ENSG00000199572	5.13E-15	-2.63127	1	1 RNA5SP174	--
ENSG00000199574	5.13E-15	-2.63127	1	1 SNORD18C	--
ENSG00000199575	5.13E-15	-2.63127	1	1 SNORD114-1	--
ENSG00000199577	5.13E-15	-2.63127	1	1 RNU6-822P	--
ENSG00000199580	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199584	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199585	5.13E-15	-2.63127	1	1 RNA5SP119	--
ENSG00000199591	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199592	5.13E-15	-2.63127	1	1 RNA5SP321	--
ENSG00000199593	5.13E-15	-2.63127	1	1 SNORD114-14	--
ENSG00000199594	5.13E-15	-2.63127	1	1 RNU6-1301P	--
ENSG00000199595	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199598	5.13E-15	-2.63127	1	1 RNU6-859P	--
ENSG00000199601	5.13E-15	-2.63127	1	1 RNU6-562P	--
ENSG00000199603	5.13E-15	-2.63127	1	1 RNU6-951P	--
ENSG00000199605	5.13E-15	-2.63127	1	1 RNY4P24	--
ENSG00000199609	5.13E-15	-2.63127	1	1 RNA5SP124	--
ENSG00000199620	5.13E-15	-2.63127	1	1 RNA5SP258	--
ENSG00000199622	5.13E-15	-2.63127	1	1 RN7SKP20	--
ENSG00000199626	5.13E-15	-2.63127	1	1 RNU6-989P	--
ENSG00000199627	5.13E-15	-2.63127	1	1 RNU6-1010P	--
ENSG00000199629	5.13E-15	-2.63127	1	1 RNU1-14P	--
ENSG00000199630	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199631	5.13E-15	-2.63127	1	1 SNORD33	--
ENSG00000199633	5.13E-15	-2.63127	1	1 SNORA63	--
ENSG00000199634	5.13E-15	-2.63127	1	1 RNU4-79P	--
ENSG00000199635	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199636	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199638	5.13E-15	-2.63127	1	1 RNA5SP319	--
ENSG00000199640	5.13E-15	-2.63127	1	1 RN7SKP294	--
ENSG00000199641	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199643	5.13E-15	-2.63127	1	1 RNU4-90P	--
ENSG00000199645	5.13E-15	-2.63127	1	1 RNU6-1330P	--
ENSG00000199646	5.13E-15	-2.63127	1	1 RNU6-1272P	--
ENSG00000199652	5.13E-15	-2.63127	1	1 RNU1-35P	--
ENSG00000199666	5.13E-15	-2.63127	1	1 U3	--
ENSG00000199667	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199672	5.13E-15	-2.63127	1	1 RNU4-21P	--
ENSG00000199673	5.13E-15	-2.63127	1	1 SNORD16	--
ENSG00000199674	5.13E-15	-2.63127	1	1 RNU6-862P	--
ENSG00000199677	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199678	5.13E-15	-2.63127	1	1 RNY4P5	--
ENSG00000199683	5.13E-15	-2.63127	1	1 RN7SKP185	--
ENSG00000199687	5.13E-15	-2.63127	1	1 RNU1-38P	--
ENSG00000199691	5.13E-15	-2.63127	1	1 RN7SKP173	--
ENSG00000199695	5.13E-15	-2.63127	1	1 RNU6-1128P	--
ENSG00000199697	5.13E-15	-2.63127	1	1 RNU6-446P	--
ENSG00000199698	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199700	5.13E-15	-2.63127	1	1 RNU6-223P	--
ENSG00000199701	5.13E-15	-2.63127	1	1 Y_RNA	--

ENSG00000199702	5.13E-15	-2.63127	1	1 RNU6-170P	--
ENSG00000199704	5.13E-15	-2.63127	1	1 SNORD115-29	--
ENSG00000199705	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199709	5.13E-15	-2.63127	1	1 RNU4-23P	--
ENSG00000199710	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199711	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199712	5.13E-15	-2.63127	1	1 SNORD115-2	--
ENSG00000199713	5.13E-15	-2.63127	1	1 U8	--
ENSG00000199715	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199716	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199727	5.13E-15	-2.63127	1	1 U3	--
ENSG00000199728	5.13E-15	-2.63127	1	1 RNU6-655P	--
ENSG00000199730	5.13E-15	-2.63127	1	1 RN7SKP95	--
ENSG00000199731	5.13E-15	-2.63127	1	1 RNU6-1079P	--
ENSG00000199733	5.13E-15	-2.63127	1	1 RNA5SP307	--
ENSG00000199735	5.13E-15	-2.63127	1	1 RNU6-227P	--
ENSG00000199739	5.13E-15	-2.63127	1	1 RNU6-552P	--
ENSG00000199740	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199744	5.13E-15	-2.63127	1	1 SNORD36A	--
ENSG00000199751	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199756	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199762	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199764	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199765	5.13E-15	-2.63127	1	1 RNU6-363P	--
ENSG00000199767	5.13E-15	-2.63127	1	1 RNU6-78P	--
ENSG00000199769	5.13E-15	-2.63127	1	1 U3	--
ENSG00000199771	5.13E-15	-2.63127	1	1 RNA5SP426	--
ENSG00000199773	5.13E-15	-2.63127	1	1 RNU1-76P	--
ENSG00000199780	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199781	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199782	5.13E-15	-2.63127	1	1 SNORD115-9	--
ENSG00000199783	5.13E-15	-2.63127	1	1 SNORD56	--
ENSG00000199784	5.13E-15	-2.63127	1	1 RNU6-1287P	--
ENSG00000199785	5.13E-15	-2.63127	1	1 SNORA52	--
ENSG00000199786	5.13E-15	-2.63127	1	1 RNA5SP188	--
ENSG00000199788	5.13E-15	-2.63127	1	1 RNY3P2	--
ENSG00000199790	5.13E-15	-2.63127	1	1 RNU6-836P	--
ENSG00000199791	5.13E-15	-2.63127	1	1 RNU6-451P	--
ENSG00000199792	5.13E-15	-2.63127	1	1 RNU6-1233P	--
ENSG00000199796	5.13E-15	-2.63127	1	1 RNU6-924P	--
ENSG00000199797	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199798	5.13E-15	-2.63127	1	1 SNORD114-5	--
ENSG00000199801	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199803	5.13E-15	-2.63127	1	1 RNU6-1159P	--
ENSG00000199805	5.13E-15	-2.63127	1	1 RNU1-134P	--
ENSG00000199809	5.13E-15	-2.63127	1	1 RNA5SP374	--
ENSG00000199812	5.13E-15	-2.63127	1	1 RNU6-428P	--
ENSG00000199814	5.13E-15	-2.63127	1	1 RNU6-1260P	--
ENSG00000199824	5.13E-15	-2.63127	1	1 RNU6-199P	--
ENSG00000199827	5.13E-15	-2.63127	1	1 RNU6-1290P	--
ENSG00000199831	5.13E-15	-2.63127	1	1 RN7SKP291	--
ENSG00000199833	5.13E-15	-2.63127	1	1 SNORD115-21	--
ENSG00000199837	5.13E-15	-2.63127	1	1 RNA5SP71	--
ENSG00000199839	5.13E-15	-2.63127	1	1 RNA5SP150	--
ENSG00000199840	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199843	5.13E-15	-2.63127	1	1 RNA5SP358	--
ENSG00000199845	5.13E-15	-2.63127	1	1 RNA5SP375	--
ENSG00000199849	5.13E-15	-2.63127	1	1 RNU5F-6P	--

ENSG00000199855	5.13E-15	-2.63127	1	1 RNU6-490P	--
ENSG00000199856	5.13E-15	-2.63127	1	1 U3	--
ENSG00000199857	5.13E-15	-2.63127	1	1 SNORD50	--
ENSG00000199858	5.13E-15	-2.63127	1	1 RNU6-1120P	--
ENSG00000199859	5.13E-15	-2.63127	1	1 RNU6-582P	--
ENSG00000199862	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199865	5.13E-15	-2.63127	1	1 RNU6-495P	--
ENSG00000199866	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199867	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199870	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199872	5.13E-15	-2.63127	1	1 RNU6-942P	--
ENSG00000199874	5.13E-15	-2.63127	1	1 RNA5SP452	--
ENSG00000199876	5.13E-15	-2.63127	1	1 RN7SKP131	--
ENSG00000199878	5.13E-15	-2.63127	1	1 RN7SKP149	--
ENSG00000199879	5.13E-15	-2.63127	1	1 RNU1-120P	--
ENSG00000199880	5.13E-15	-2.63127	1	1 RNU6-888P	--
ENSG00000199881	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199883	5.13E-15	-2.63127	1	1 RN7SKP90	--
ENSG00000199884	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199885	5.13E-15	-2.63127	1	1 RNU6-330P	--
ENSG00000199886	5.13E-15	-2.63127	1	1 RNU6-249P	--
ENSG00000199892	5.13E-15	-2.63127	1	1 RNU1-17P	--
ENSG00000199894	5.13E-15	-2.63127	1	1 snoU2_19	--
ENSG00000199895	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199899	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199901	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199903	5.13E-15	-2.63127	1	1 RNU6-1273P	--
ENSG00000199905	5.13E-15	-2.63127	1	1 RNU6-492P	--
ENSG00000199910	5.13E-15	-2.63127	1	1 RNA5S10	--
ENSG00000199911	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199912	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199913	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199914	5.13E-15	-2.63127	1	1 SNORD114-16	--
ENSG00000199920	5.13E-15	-2.63127	1	1 RNU4-44P	--
ENSG00000199921	5.13E-15	-2.63127	1	1 RNU6-161P	--
ENSG00000199924	5.13E-15	-2.63127	1	1 RNU6-1252P	--
ENSG00000199927	5.13E-15	-2.63127	1	1 U3	--
ENSG00000199929	5.13E-15	-2.63127	1	1 RNA5SP405	--
ENSG00000199932	5.13E-15	-2.63127	1	1 RNU1-18P	--
ENSG00000199934	5.13E-15	-2.63127	1	1 SNORD81	--
ENSG00000199938	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199940	5.13E-15	-2.63127	1	1 RN7SKP75	--
ENSG00000199942	5.13E-15	-2.63127	1	1 SNORD114-19	--
ENSG00000199944	5.13E-15	-2.63127	1	1 RNU6-653P	--
ENSG00000199949	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199953	5.13E-15	-2.63127	1	1 RNA5SP443	--
ENSG00000199959	5.13E-15	-2.63127	1	1 SNORA2	--
ENSG00000199960	5.13E-15	-2.63127	1	1 SNORD115-14	--
ENSG00000199962	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199963	5.13E-15	-2.63127	1	1 RNU6-605P	--
ENSG00000199964	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199968	5.13E-15	-2.63127	1	1 SNORD115-19	--
ENSG00000199970	5.13E-15	-2.63127	1	1 SNORD115-3	--
ENSG00000199971	5.13E-15	-2.63127	1	1 RNU6-797P	--
ENSG00000199975	5.13E-15	-2.63127	1	1 RN7SKP243	--
ENSG00000199977	5.13E-15	-2.63127	1	1 SNORA73	--
ENSG00000199979	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000199980	5.13E-15	-2.63127	1	1 Y_RNA	--

ENSG00000199985	5.13E-15	-2.63127	1	1 RNA5SP264	--
ENSG00000199986	5.13E-15	-2.63127	1	1 RNU6-486P	--
ENSG00000199990	5.13E-15	-2.63127	1	1 VTRNA1-1	--
ENSG00000199994	5.13E-15	-2.63127	1	1 RNA5SP145	--
ENSG00000200003	5.13E-15	-2.63127	1	1 RNU6-986P	--
ENSG00000200008	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200011	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200013	5.13E-15	-2.63127	1	1 RNU6-623P	--
ENSG00000200021	5.13E-15	-2.63127	1	1 RNA5SP448	--
ENSG00000200024	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200026	5.13E-15	-2.63127	1	1 U8	--
ENSG00000200028	5.13E-15	-2.63127	1	1 RNA5SP98	--
ENSG00000200029	5.13E-15	-2.63127	1	1 RNU6-642P	--
ENSG00000200034	5.13E-15	-2.63127	1	1 RNU4-73P	--
ENSG00000200036	5.13E-15	-2.63127	1	1 RNA5SP65	--
ENSG00000200037	5.13E-15	-2.63127	1	1 RNA5SP32	--
ENSG00000200040	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200041	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200042	5.13E-15	-2.63127	1	1 U3	--
ENSG00000200047	5.13E-15	-2.63127	1	1 RN7SKP115	--
ENSG00000200048	5.13E-15	-2.63127	1	1 RNU6-812P	--
ENSG00000200049	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200051	5.13E-15	-2.63127	1	1 SNORD45	--
ENSG00000200052	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200057	5.13E-15	-2.63127	1	1 RN7SKP63	--
ENSG00000200058	5.13E-15	-2.63127	1	1 RNA5SP218	--
ENSG00000200060	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200062	5.13E-15	-2.63127	1	1 RNU4-58P	--
ENSG00000200064	5.13E-15	-2.63127	1	1 RNY4P9	--
ENSG00000200065	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200066	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200070	5.13E-15	-2.63127	1	1 RNU4-80P	--
ENSG00000200072	5.13E-15	-2.63127	1	1 SNORD44	--
ENSG00000200075	5.13E-15	-2.63127	1	1 SNORA25	--
ENSG00000200079	5.13E-15	-2.63127	1	1 RNA5SP326	--
ENSG00000200084	5.13E-15	-2.63127	1	1 SNORD68	--
ENSG00000200085	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200086	5.13E-15	-2.63127	1	1 RNU6-433P	--
ENSG00000200089	5.13E-15	-2.63127	1	1 SNORD114-31	--
ENSG00000200091	5.13E-15	-2.63127	1	1 RN7SKP163	--
ENSG00000200095	5.13E-15	-2.63127	1	1 RNU6-181P	--
ENSG00000200097	5.13E-15	-2.63127	1	1 RNU6-1167P	--
ENSG00000200101	5.13E-15	-2.63127	1	1 RNU6-508P	--
ENSG00000200102	5.13E-15	-2.63127	1	1 RNU6-252P	--
ENSG00000200105	5.13E-15	-2.63127	1	1 RNU6-251P	--
ENSG00000200106	5.13E-15	-2.63127	1	1 RNU6-984P	--
ENSG00000200107	5.13E-15	-2.63127	1	1 RNU6-1249P	--
ENSG00000200108	5.13E-15	-2.63127	1	1 RNU6-774P	--
ENSG00000200112	5.13E-15	-2.63127	1	1 SNORD56	--
ENSG00000200113	5.13E-15	-2.63127	1	1 SNORA51	--
ENSG00000200114	5.13E-15	-2.63127	1	1 RNA5SP123	--
ENSG00000200118	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200121	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200130	5.13E-15	-2.63127	1	1 SNORA63	--
ENSG00000200131	5.13E-15	-2.63127	1	1 RN7SKP77	--
ENSG00000200132	5.13E-15	-2.63127	1	1 RNU6-1021P	--
ENSG00000200138	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200139	5.13E-15	-2.63127	1	1 RNU6-778P	--

ENSG00000200141	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200146	5.13E-15	-2.63127	1	1 RNU6-544P	--
ENSG00000200150	5.13E-15	-2.63127	1	1 SNORD113	--
ENSG00000200151	5.13E-15	-2.63127	1	1 RN7SKP231	--
ENSG00000200152	5.13E-15	-2.63127	1	1 RNU6-216P	--
ENSG00000200153	5.13E-15	-2.63127	1	1 RNU6-23P	--
ENSG00000200156	5.13E-15	-2.63127	1	1 RNU5B-1	--
ENSG00000200161	5.13E-15	-2.63127	1	1 RN7SKP145	--
ENSG00000200162	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200163	5.13E-15	-2.63127	1	1 SNORD115-18	--
ENSG00000200164	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200168	5.13E-15	-2.63127	1	1 RNA5SP350	--
ENSG00000200171	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200174	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200175	5.13E-15	-2.63127	1	1 RNU6-1309P	--
ENSG00000200176	5.13E-15	-2.63127	1	1 RNU1-19P	--
ENSG00000200179	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200183	5.13E-15	-2.63127	1	1 RNU6-238P	--
ENSG00000200184	5.13E-15	-2.63127	1	1 RNU1-20P	--
ENSG00000200189	5.13E-15	-2.63127	1	1 RNU6-832P	--
ENSG00000200191	5.13E-15	-2.63127	1	1 U8	--
ENSG00000200197	5.13E-15	-2.63127	1	1 RNU1-21P	--
ENSG00000200198	5.13E-15	-2.63127	1	1 RN7SKP211	--
ENSG00000200204	5.13E-15	-2.63127	1	1 RNU1-22P	--
ENSG00000200206	5.13E-15	-2.63127	1	1 SNORD74	--
ENSG00000200208	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200211	5.13E-15	-2.63127	1	1 RNY4P27	--
ENSG00000200213	5.13E-15	-2.63127	1	1 RNU6-992P	--
ENSG00000200215	5.13E-15	-2.63127	1	1 SNORD113-6	--
ENSG00000200216	5.13E-15	-2.63127	1	1 RNU6-745P	--
ENSG00000200217	5.13E-15	-2.63127	1	1 RNU6-839P	--
ENSG00000200218	5.13E-15	-2.63127	1	1 RNU6-697P	--
ENSG00000200220	5.13E-15	-2.63127	1	1 RNU6-179P	--
ENSG00000200222	5.13E-15	-2.63127	1	1 U3	--
ENSG00000200224	5.13E-15	-2.63127	1	1 RNU6-626P	--
ENSG00000200225	5.13E-15	-2.63127	1	1 RNA5SP382	--
ENSG00000200227	5.13E-15	-2.63127	1	1 RNA5SP197	--
ENSG00000200231	5.13E-15	-2.63127	1	1 RNU1-23P	--
ENSG00000200235	5.13E-15	-2.63127	1	1 SNORA27	--
ENSG00000200238	5.13E-15	-2.63127	1	1 RNA5SP133	--
ENSG00000200241	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200243	5.13E-15	-2.63127	1	1 RN7SKP79	--
ENSG00000200246	5.13E-15	-2.63127	1	1 RNA5SP263	--
ENSG00000200247	5.13E-15	-2.63127	1	1 RNU6-254P	--
ENSG00000200248	5.13E-15	-2.63127	1	1 RNA5SP214	--
ENSG00000200250	5.13E-15	-2.63127	1	1 RNU6-1147P	--
ENSG00000200254	5.13E-15	-2.63127	1	1 RNU6-536P	--
ENSG00000200256	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200257	5.13E-15	-2.63127	1	1 RNU6-97P	--
ENSG00000200259	5.13E-15	-2.63127	1	1 SNORD35A	--
ENSG00000200261	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200262	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200267	5.13E-15	-2.63127	1	1 RNU6-66P	--
ENSG00000200269	5.13E-15	-2.63127	1	1 RNU6-838P	--
ENSG00000200270	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200274	5.13E-15	-2.63127	1	1 RNU4-32P	--
ENSG00000200275	5.13E-15	-2.63127	1	1 RNA5SP199	--
ENSG00000200278	5.13E-15	-2.63127	1	1 RNA5SP352	--

ENSG00000200279	5.13E-15	-2.63127	1	1 SNORD114-10	--
ENSG00000200281	5.13E-15	-2.63127	1	1 RNU6-624P	--
ENSG00000200283	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200287	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200288	5.13E-15	-2.63127	1	1 SNORA18	--
ENSG00000200291	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200293	5.13E-15	-2.63127	1	1 RNA5SP393	--
ENSG00000200295	5.13E-15	-2.63127	1	1 RNU6-527P	--
ENSG00000200296	5.13E-15	-2.63127	1	1 RNU1-83P	--
ENSG00000200298	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200303	5.13E-15	-2.63127	1	1 RNU6-940P	--
ENSG00000200304	5.13E-15	-2.63127	1	1 RNU6-1255P	--
ENSG00000200305	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200310	5.13E-15	-2.63127	1	1 RNA5SP215	--
ENSG00000200312	5.13E-15	-2.63127	1	1 RN7SKP255	--
ENSG00000200313	5.13E-15	-2.63127	1	1 RNA5-8SP7	--
ENSG00000200314	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200318	5.13E-15	-2.63127	1	1 U3	--
ENSG00000200320	5.13E-15	-2.63127	1	1 SNORA63	--
ENSG00000200325	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200326	5.13E-15	-2.63127	1	1 RNA5SP391	--
ENSG00000200327	5.13E-15	-2.63127	1	1 RNA5SP62	--
ENSG00000200331	5.13E-15	-2.63127	1	1 RNU6-183P	--
ENSG00000200332	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200334	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200336	5.13E-15	-2.63127	1	1 RNA5SP333	--
ENSG00000200338	5.13E-15	-2.63127	1	1 RNU1-49P	--
ENSG00000200340	5.13E-15	-2.63127	1	1 RNU1-105P	--
ENSG00000200343	5.13E-15	-2.63127	1	1 RNA5S8	--
ENSG00000200345	5.13E-15	-2.63127	1	1 RNU6-485P	--
ENSG00000200347	5.13E-15	-2.63127	1	1 RNU6-963P	--
ENSG00000200350	5.13E-15	-2.63127	1	1 RNU6-1285P	--
ENSG00000200351	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200355	5.13E-15	-2.63127	1	1 SNORA72	--
ENSG00000200356	5.13E-15	-2.63127	1	1 RNU6-833P	--
ENSG00000200360	5.13E-15	-2.63127	1	1 RNU6-792P	--
ENSG00000200361	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200366	5.13E-15	-2.63127	1	1 RNU6-511P	--
ENSG00000200367	5.13E-15	-2.63127	1	1 SNORD113-8	--
ENSG00000200369	5.13E-15	-2.63127	1	1 RNU6-666P	--
ENSG00000200370	5.13E-15	-2.63127	1	1 RNA5S17	--
ENSG00000200372	5.13E-15	-2.63127	1	1 RNU5E-8P	--
ENSG00000200377	5.13E-15	-2.63127	1	1 SNORD56	--
ENSG00000200378	5.13E-15	-2.63127	1	1 RNU5B-4P	--
ENSG00000200379	5.13E-15	-2.63127	1	1 RN7SKP45	--
ENSG00000200381	5.13E-15	-2.63127	1	1 RNA5S4	--
ENSG00000200385	5.13E-15	-2.63127	1	1 SNORA42	--
ENSG00000200388	5.13E-15	-2.63127	1	1 RNU6-618P	--
ENSG00000200389	5.13E-15	-2.63127	1	1 RNU6-509P	--
ENSG00000200390	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200391	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200393	5.13E-15	-2.63127	1	1 RNU6-698P	--
ENSG00000200398	5.13E-15	-2.63127	1	1 SNORD115-24	--
ENSG00000200406	5.13E-15	-2.63127	1	1 SNORD114-23	--
ENSG00000200407	5.13E-15	-2.63127	1	1 RNU6-1169P	--
ENSG00000200408	5.13E-15	-2.63127	1	1 RNA5SP74	--
ENSG00000200411	5.13E-15	-2.63127	1	1 RNA5SP346	--
ENSG00000200413	5.13E-15	-2.63127	1	1 SNORD114-26	--

ENSG00000200418	5.13E-15	-2.63127	1	1 SNORA63	--
ENSG00000200421	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200422	5.13E-15	-2.63127	1	1 SNORD45	--
ENSG00000200424	5.13E-15	-2.63127	1	1 RNU6-1155P	--
ENSG00000200427	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200428	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200431	5.13E-15	-2.63127	1	1 RNU4-81P	--
ENSG00000200432	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200434	5.13E-15	-2.63127	1	1 RNA5-8SP2	--
ENSG00000200436	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200443	5.13E-15	-2.63127	1	1 RNU6-1066P	--
ENSG00000200444	5.13E-15	-2.63127	1	1 RNU6-1339P	--
ENSG00000200446	5.13E-15	-2.63127	1	1 RNU6-1085P	--
ENSG00000200448	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200455	5.13E-15	-2.63127	1	1 RNU6-1112P	--
ENSG00000200456	5.13E-15	-2.63127	1	1 RNU6-1097P	--
ENSG00000200462	5.13E-15	-2.63127	1	1 RNU6-727P	--
ENSG00000200463	5.13E-15	-2.63127	1	1 SNORD118	--
ENSG00000200468	5.13E-15	-2.63127	1	1 RNA5SP403	--
ENSG00000200469	5.13E-15	-2.63127	1	1 RNU6-112P	--
ENSG00000200471	5.13E-15	-2.63127	1	1 RNU6-1125P	--
ENSG00000200472	5.13E-15	-2.63127	1	1 RN7SKP44	--
ENSG00000200473	5.13E-15	-2.63127	1	1 RNA5SP507	--
ENSG00000200475	5.13E-15	-2.63127	1	1 RN7SKP162	--
ENSG00000200478	5.13E-15	-2.63127	1	1 SNORD115-41	--
ENSG00000200480	5.13E-15	-2.63127	1	1 SNORD114-28	--
ENSG00000200483	5.13E-15	-2.63127	1	1 RNU6-1017P	--
ENSG00000200484	5.13E-15	-2.63127	1	1 RNU6-1244P	--
ENSG00000200485	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200486	5.13E-15	-2.63127	1	1 SNORD115-11	--
ENSG00000200487	5.13E-15	-2.63127	1	1 RNA5SP322	--
ENSG00000200492	5.13E-15	-2.63127	1	1 U3	--
ENSG00000200494	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200495	5.13E-15	-2.63127	1	1 RNU6-1205P	--
ENSG00000200496	5.13E-15	-2.63127	1	1 U8	--
ENSG00000200503	5.13E-15	-2.63127	1	1 SNORD115-5	--
ENSG00000200506	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200508	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200510	5.13E-15	-2.63127	1	1 RNY4P2	--
ENSG00000200516	5.13E-15	-2.63127	1	1 RNA5SP378	--
ENSG00000200520	5.13E-15	-2.63127	1	1 RNU6-1214P	--
ENSG00000200521	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200522	5.13E-15	-2.63127	1	1 RNU6-957P	--
ENSG00000200526	5.13E-15	-2.63127	1	1 RNY4P14	--
ENSG00000200527	5.13E-15	-2.63127	1	1 RNA5SP457	--
ENSG00000200528	5.13E-15	-2.63127	1	1 RNU6-1331P	--
ENSG00000200530	5.13E-15	-2.63127	1	1 SNORD35B	--
ENSG00000200536	5.13E-15	-2.63127	1	1 SNORA25	--
ENSG00000200537	5.13E-15	-2.63127	1	1 RNY4P6	--
ENSG00000200538	5.13E-15	-2.63127	1	1 U3	--
ENSG00000200544	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200545	5.13E-15	-2.63127	1	1 U3	--
ENSG00000200547	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200552	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200553	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200554	5.13E-15	-2.63127	1	1 RNU6-1020P	--
ENSG00000200555	5.13E-15	-2.63127	1	1 RNU6-525P	--
ENSG00000200556	5.13E-15	-2.63127	1	1 RNU6-103P	--

ENSG00000200558	5.13E-15	-2.63127	1	1 RNA5SP429	--
ENSG00000200560	5.13E-15	-2.63127	1	1 RNU6-288P	--
ENSG00000200563	5.13E-15	-2.63127	1	1 RNU6-640P	--
ENSG00000200564	5.13E-15	-2.63127	1	1 SNORD115-39	--
ENSG00000200566	5.13E-15	-2.63127	1	1 RNU5F-7P	--
ENSG00000200570	5.13E-15	-2.63127	1	1 RNU6-829P	--
ENSG00000200571	5.13E-15	-2.63127	1	1 RNU6-1284P	--
ENSG00000200572	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200575	5.13E-15	-2.63127	1	1 RNU6-414P	--
ENSG00000200587	5.13E-15	-2.63127	1	1 RNA5SP514	--
ENSG00000200591	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200593	5.13E-15	-2.63127	1	1 SNORD115-33	--
ENSG00000200594	5.13E-15	-2.63127	1	1 RNU6-824P	--
ENSG00000200597	5.13E-15	-2.63127	1	1 RNU1-87P	--
ENSG00000200600	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200601	5.13E-15	-2.63127	1	1 RNA5SP50	--
ENSG00000200605	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200606	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200608	5.13E-15	-2.63127	1	1 SNORD114-11	--
ENSG00000200610	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200612	5.13E-15	-2.63127	1	1 SNORD114-25	--
ENSG00000200613	5.13E-15	-2.63127	1	1 RNA5SP349	--
ENSG00000200615	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200616	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200619	5.13E-15	-2.63127	1	1 RNA5SP447	--
ENSG00000200620	5.13E-15	-2.63127	1	1 SNORA7	--
ENSG00000200622	5.13E-15	-2.63127	1	1 RNU6-1059P	--
ENSG00000200623	5.13E-15	-2.63127	1	1 SNORD18A	--
ENSG00000200624	5.13E-15	-2.63127	1	1 RNA5S6	--
ENSG00000200626	5.13E-15	-2.63127	1	1 RNA5SP325	--
ENSG00000200629	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200630	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200632	5.13E-15	-2.63127	1	1 SNORD113-7	--
ENSG00000200635	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200636	5.13E-15	-2.63127	1	1 SNORD114-27	--
ENSG00000200637	5.13E-15	-2.63127	1	1 RNU5F-3P	--
ENSG00000200638	5.13E-15	-2.63127	1	1 SNORD115-37	--
ENSG00000200645	5.13E-15	-2.63127	1	1 RNU6-1210P	--
ENSG00000200646	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200648	5.13E-15	-2.63127	1	1 RNU6-226P	--
ENSG00000200649	5.13E-15	-2.63127	1	1 RNA5SP343	--
ENSG00000200650	5.13E-15	-2.63127	1	1 RNA5SP114	--
ENSG00000200651	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200653	5.13E-15	-2.63127	1	1 RNU4-92P	--
ENSG00000200656	5.13E-15	-2.63127	1	1 SNORA5B	--
ENSG00000200658	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200661	5.13E-15	-2.63127	1	1 SNORD116-10	--
ENSG00000200662	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200664	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200665	5.13E-15	-2.63127	1	1 RNU6-1188P	--
ENSG00000200670	5.13E-15	-2.63127	1	1 RNU6-912P	--
ENSG00000200673	5.13E-15	-2.63127	1	1 RN7SKP174	--
ENSG00000200680	5.13E-15	-2.63127	1	1 SNORD115-4	--
ENSG00000200681	5.13E-15	-2.63127	1	1 RNU6-263P	--
ENSG00000200683	5.13E-15	-2.63127	1	1 RNU6-379P	--
ENSG00000200685	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200686	5.13E-15	-2.63127	1	1 RNY3P3	--
ENSG00000200687	5.13E-15	-2.63127	1	1 RNA5SP335	--

ENSG00000200688	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200701	5.13E-15	-2.63127	1	1 RNU6-674P	--
ENSG00000200702	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200703	5.13E-15	-2.63127	1	1 RNU6-873P	--
ENSG00000200706	5.13E-15	-2.63127	1	1 SNORD45	--
ENSG00000200708	5.13E-15	-2.63127	1	1 RN7SKP93	--
ENSG00000200709	5.13E-15	-2.63127	1	1 RNA5SP27	--
ENSG00000200711	5.13E-15	-2.63127	1	1 RNA5SP28	--
ENSG00000200713	5.13E-15	-2.63127	1	1 RNU6-682P	--
ENSG00000200718	5.13E-15	-2.63127	1	1 RN7SKP103	--
ENSG00000200719	5.13E-15	-2.63127	1	1 RNA5SP260	--
ENSG00000200720	5.13E-15	-2.63127	1	1 RNU6-931P	--
ENSG00000200726	5.13E-15	-2.63127	1	1 SNORD115-8	--
ENSG00000200728	5.13E-15	-2.63127	1	1 RNU6-271P	--
ENSG00000200731	5.13E-15	-2.63127	1	1 RNU1-124P	--
ENSG00000200732	5.13E-15	-2.63127	1	1 RNU6-194P	--
ENSG00000200733	5.13E-15	-2.63127	1	1 SNORD38	--
ENSG00000200735	5.13E-15	-2.63127	1	1 RNY4P8	--
ENSG00000200737	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200738	5.13E-15	-2.63127	1	1 RNA5SP472	--
ENSG00000200741	5.13E-15	-2.63127	1	1 RNA5SP161	--
ENSG00000200742	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200745	5.13E-15	-2.63127	1	1 RNU1-31P	--
ENSG00000200750	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200752	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200753	5.13E-15	-2.63127	1	1 SNORD56	--
ENSG00000200755	5.13E-15	-2.63127	1	1 RNA5SP68	--
ENSG00000200756	5.13E-15	-2.63127	1	1 RNU6-236P	--
ENSG00000200757	5.13E-15	-2.63127	1	1 SNORD115-16	--
ENSG00000200761	5.13E-15	-2.63127	1	1 RN7SKP113	--
ENSG00000200763	5.13E-15	-2.63127	1	1 RNU6-961P	--
ENSG00000200764	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200774	5.13E-15	-2.63127	1	1 RNU6-478P	--
ENSG00000200779	5.13E-15	-2.63127	1	1 RNU6-105P	--
ENSG00000200783	5.13E-15	-2.63127	1	1 RN7SKP180	--
ENSG00000200786	5.13E-15	-2.63127	1	1 RNA5SP234	--
ENSG00000200789	5.13E-15	-2.63127	1	1 RNU1-65P	--
ENSG00000200790	5.13E-15	-2.63127	1	1 RNU6-631P	--
ENSG00000200792	5.13E-15	-2.63127	1	1 SNORA80	--
ENSG00000200794	5.13E-15	-2.63127	1	1 RN7SKP250	--
ENSG00000200795	5.13E-15	-2.63127	1	1 RNU4-1	--
ENSG00000200796	5.13E-15	-2.63127	1	1 RNU6-753P	--
ENSG00000200799	5.13E-15	-2.63127	1	1 RNU6-770P	--
ENSG00000200800	5.13E-15	-2.63127	1	1 RNU1-130P	--
ENSG00000200801	5.13E-15	-2.63127	1	1 SNORD115-28	--
ENSG00000200806	5.13E-15	-2.63127	1	1 RNA5SP275	--
ENSG00000200807	5.13E-15	-2.63127	1	1 RNU1-32P	--
ENSG00000200812	5.13E-15	-2.63127	1	1 SNORD115-6	--
ENSG00000200814	5.13E-15	-2.63127	1	1 RNU6-595P	--
ENSG00000200816	5.13E-15	-2.63127	1	1 SNORA38	--
ENSG00000200817	5.13E-15	-2.63127	1	1 RNU6-899P	--
ENSG00000200818	5.13E-15	-2.63127	1	1 RNU6-1204P	--
ENSG00000200822	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200823	5.13E-15	-2.63127	1	1 SNORD114-2	--
ENSG00000200827	5.13E-15	-2.63127	1	1 RNU6-324P	--
ENSG00000200829	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200830	5.13E-15	-2.63127	1	1 RN7SKP134	--
ENSG00000200831	5.13E-15	-2.63127	1	1 SNORD36B	--

ENSG00000200832	5.13E-15	-2.63127	1	1 SNORD114-4	--
ENSG00000200833	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200839	5.13E-15	-2.63127	1	1 RNA5SP48	--
ENSG00000200840	5.13E-15	-2.63127	1	1 RNU6-82P	--
ENSG00000200843	5.13E-15	-2.63127	1	1 RNY4P4	--
ENSG00000200849	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200852	5.13E-15	-2.63127	1	1 RNA5SP499	--
ENSG00000200855	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200857	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200860	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200867	5.13E-15	-2.63127	1	1 RN7SKP36	--
ENSG00000200869	5.13E-15	-2.63127	1	1 RNU6-457P	--
ENSG00000200871	5.13E-15	-2.63127	1	1 RNU6-810P	--
ENSG00000200872	5.13E-15	-2.63127	1	1 RNA5SP456	--
ENSG00000200873	5.13E-15	-2.63127	1	1 RNA5SP399	--
ENSG00000200874	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200875	5.13E-15	-2.63127	1	1 RNU6-340P	--
ENSG00000200877	5.13E-15	-2.63127	1	1 RNU6-560P	--
ENSG00000200882	5.13E-15	-2.63127	1	1 RNU6-681P	--
ENSG00000200883	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200884	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200885	5.13E-15	-2.63127	1	1 RNU1-146P	--
ENSG00000200887	5.13E-15	-2.63127	1	1 RNU6-598P	--
ENSG00000200889	5.13E-15	-2.63127	1	1 RNU4-13P	--
ENSG00000200890	5.13E-15	-2.63127	1	1 RNA5SP99	--
ENSG00000200891	5.13E-15	-2.63127	1	1 SNORD74	--
ENSG00000200893	5.13E-15	-2.63127	1	1 RNU6-944P	--
ENSG00000200895	5.13E-15	-2.63127	1	1 RN7SKP245	--
ENSG00000200897	5.13E-15	-2.63127	1	1 SNORD74	--
ENSG00000200898	5.13E-15	-2.63127	1	1 RNU6-1243P	--
ENSG00000200902	5.13E-15	-2.63127	1	1 RNU6-627P	--
ENSG00000200903	5.13E-15	-2.63127	1	1 RNU1-42P	--
ENSG00000200906	5.13E-15	-2.63127	1	1 RNU6-854P	--
ENSG00000200917	5.13E-15	-2.63127	1	1 RNU6-553P	--
ENSG00000200926	5.13E-15	-2.63127	1	1 RNU6-960P	--
ENSG00000200935	5.13E-15	-2.63127	1	1 RNU6-1090P	--
ENSG00000200941	5.13E-15	-2.63127	1	1 RNU6-694P	--
ENSG00000200942	5.13E-15	-2.63127	1	1 RNU6-501P	--
ENSG00000200949	5.13E-15	-2.63127	1	1 SNORD115-32	--
ENSG00000200953	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200957	5.13E-15	-2.63127	1	1 RNU6-801P	--
ENSG00000200963	5.13E-15	-2.63127	1	1 RNU6-289P	--
ENSG00000200966	5.13E-15	-2.63127	1	1 RN7SKP87	--
ENSG00000200969	5.13E-15	-2.63127	1	1 SNORD95	--
ENSG00000200974	5.13E-15	-2.63127	1	1 RNU4-87P	--
ENSG00000200975	5.13E-15	-2.63127	1	1 RNU1-7P	--
ENSG00000200976	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200980	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200982	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200983	5.13E-15	-2.63127	1	1 SNORA3	--
ENSG00000200986	5.13E-15	-2.63127	1	1 RNU6-819P	--
ENSG00000200987	5.13E-15	-2.63127	1	1 SNORD115-30	--
ENSG00000200991	5.13E-15	-2.63127	1	1 SNORA25	--
ENSG00000200998	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000200999	5.13E-15	-2.63127	1	1 SNORD74	--
ENSG00000201000	5.13E-15	-2.63127	1	1 RNA5SP516	--
ENSG00000201001	5.13E-15	-2.63127	1	1 RNU6-270P	--
ENSG00000201006	5.13E-15	-2.63127	1	1 Y_RNA	--

ENSG00000201009	5.13E-15	-2.63127	1	1 SNORD46	--
ENSG00000201010	5.13E-15	-2.63127	1	1 RN7SKP224	--
ENSG00000201012	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201013	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201014	5.13E-15	-2.63127	1	1 RNA5SP232	--
ENSG00000201015	5.13E-15	-2.63127	1	1 RNU6-280P	--
ENSG00000201016	5.13E-15	-2.63127	1	1 RNU6-374P	--
ENSG00000201021	5.13E-15	-2.63127	1	1 RNU6-743P	--
ENSG00000201023	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201026	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201027	5.13E-15	-2.63127	1	1 RN7SKP107	--
ENSG00000201028	5.13E-15	-2.63127	1	1 RNU6-151P	--
ENSG00000201031	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201032	5.13E-15	-2.63127	1	1 RNU6-704P	--
ENSG00000201033	5.13E-15	-2.63127	1	1 RNU1-96P	--
ENSG00000201034	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201035	5.13E-15	-2.63127	1	1 RNA5SP469	--
ENSG00000201036	5.13E-15	-2.63127	1	1 SNORD113	--
ENSG00000201041	5.13E-15	-2.63127	1	1 RNA5SP242	--
ENSG00000201042	5.13E-15	-2.63127	1	1 SNORA38	--
ENSG00000201044	5.13E-15	-2.63127	1	1 RNU6-268P	--
ENSG00000201047	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201048	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201050	5.13E-15	-2.63127	1	1 RNU6-668P	--
ENSG00000201059	5.13E-15	-2.63127	1	1 RNA5SP336	--
ENSG00000201065	5.13E-15	-2.63127	1	1 RNU6-461P	--
ENSG00000201066	5.13E-15	-2.63127	1	1 RN7SKP280	--
ENSG00000201070	5.13E-15	-2.63127	1	1 RNU4-84P	--
ENSG00000201074	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201075	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201078	5.13E-15	-2.63127	1	1 RN7SKP214	--
ENSG00000201080	5.13E-15	-2.63127	1	1 RNU6-372P	--
ENSG00000201084	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201085	5.13E-15	-2.63127	1	1 RNU6-173P	--
ENSG00000201086	5.13E-15	-2.63127	1	1 RNA5SP394	--
ENSG00000201088	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201095	5.13E-15	-2.63127	1	1 RNU6-266P	--
ENSG00000201096	5.13E-15	-2.63127	1	1 RNA5SP387	--
ENSG00000201097	5.13E-15	-2.63127	1	1 RNU6-366P	--
ENSG00000201098	5.13E-15	-2.63127	1	1 RNY1	--
ENSG00000201102	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201104	5.13E-15	-2.63127	1	1 RNU6-11P	--
ENSG00000201105	5.13E-15	-2.63127	1	1 RNU1-137P	--
ENSG00000201109	5.13E-15	-2.63127	1	1 RNA5SP245	--
ENSG00000201114	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201118	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201119	5.13E-15	-2.63127	1	1 RNU1-33P	--
ENSG00000201126	5.13E-15	-2.63127	1	1 RNU6-773P	--
ENSG00000201129	5.13E-15	-2.63127	1	1 SNORA58	--
ENSG00000201133	5.13E-15	-2.63127	1	1 SNORA4	--
ENSG00000201134	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201135	5.13E-15	-2.63127	1	1 RNU6-777P	--
ENSG00000201136	5.13E-15	-2.63127	1	1 RNU6-353P	--
ENSG00000201138	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201140	5.13E-15	-2.63127	1	1 RN7SKP128	--
ENSG00000201142	5.13E-15	-2.63127	1	1 RNVU1-8	--
ENSG00000201143	5.13E-15	-2.63127	1	1 SNORD115-42	--
ENSG00000201145	5.13E-15	-2.63127	1	1 RNA5SP175	--

ENSG00000201148	5.13E-15	-2.63127	1	1 RNA5SP42	--
ENSG00000201153	5.13E-15	-2.63127	1	1 RNU6-371P	--
ENSG00000201155	5.13E-15	-2.63127	1	1 RNU1-24P	--
ENSG00000201157	5.13E-15	-2.63127	1	1 SNORA62	--
ENSG00000201160	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201161	5.13E-15	-2.63127	1	1 RN7SKP10	--
ENSG00000201162	5.13E-15	-2.63127	1	1 RNU6-454P	--
ENSG00000201164	5.13E-15	-2.63127	1	1 RNU4-36P	--
ENSG00000201165	5.13E-15	-2.63127	1	1 RNU6-1229P	--
ENSG00000201168	5.13E-15	-2.63127	1	1 RNA5SP368	--
ENSG00000201170	5.13E-15	-2.63127	1	1 RNU1-132P	--
ENSG00000201176	5.13E-15	-2.63127	1	1 RNU6-853P	--
ENSG00000201178	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201179	5.13E-15	-2.63127	1	1 RNU6-1322P	--
ENSG00000201180	5.13E-15	-2.63127	1	1 RNU6-115P	--
ENSG00000201182	5.13E-15	-2.63127	1	1 RNU6-670P	--
ENSG00000201183	5.13E-15	-2.63127	1	1 RNVU1-12	--
ENSG00000201184	5.13E-15	-2.63127	1	1 RNU4-68P	--
ENSG00000201186	5.13E-15	-2.63127	1	1 RNU4-33P	--
ENSG00000201196	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201198	5.13E-15	-2.63127	1	1 RNU6-879P	--
ENSG00000201201	5.13E-15	-2.63127	1	1 RN7SKP118	--
ENSG00000201204	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201207	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201208	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201209	5.13E-15	-2.63127	1	1 SNORD42	--
ENSG00000201210	5.13E-15	-2.63127	1	1 RNA5SP139	--
ENSG00000201216	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201218	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201221	5.13E-15	-2.63127	1	1 RNU4-40P	--
ENSG00000201223	5.13E-15	-2.63127	1	1 RNU6-1305P	--
ENSG00000201227	5.13E-15	-2.63127	1	1 RNA5-8SP3	--
ENSG00000201228	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201229	5.13E-15	-2.63127	1	1 SNORA63	--
ENSG00000201231	5.13E-15	-2.63127	1	1 RNU4-50P	--
ENSG00000201240	5.13E-15	-2.63127	1	1 SNORD114-9	--
ENSG00000201241	5.13E-15	-2.63127	1	1 RNU6-978P	--
ENSG00000201242	5.13E-15	-2.63127	1	1 RNY1P1	--
ENSG00000201243	5.13E-15	-2.63127	1	1 RNU6-654P	--
ENSG00000201245	5.13E-15	-2.63127	1	1 SNORA25	--
ENSG00000201247	5.13E-15	-2.63127	1	1 SNORD114-13	--
ENSG00000201253	5.13E-15	-2.63127	1	1 RNU4-10P	--
ENSG00000201255	5.13E-15	-2.63127	1	1 RNU6-990P	--
ENSG00000201260	5.13E-15	-2.63127	1	1 RNU6-1075P	--
ENSG00000201263	5.13E-15	-2.63127	1	1 SNORD114-6	--
ENSG00000201270	5.13E-15	-2.63127	1	1 RNU6-755P	--
ENSG00000201271	5.13E-15	-2.63127	1	1 RNU1-112P	--
ENSG00000201273	5.13E-15	-2.63127	1	1 RNU6-776P	--
ENSG00000201274	5.13E-15	-2.63127	1	1 RNA5SP192	--
ENSG00000201277	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201279	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201282	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201283	5.13E-15	-2.63127	1	1 RNU6-489P	--
ENSG00000201285	5.13E-15	-2.63127	1	1 5S_rRNA	--
ENSG00000201287	5.13E-15	-2.63127	1	1 RN7SKP171	--
ENSG00000201288	5.13E-15	-2.63127	1	1 RNU6-1047P	--
ENSG00000201289	5.13E-15	-2.63127	1	1 RN7SKP76	--
ENSG00000201291	5.13E-15	-2.63127	1	1 RNU1-34P	--

ENSG00000201292	5.13E-15	-2.63127	1	1 RNU6-153P	--
ENSG00000201294	5.13E-15	-2.63127	1	1 RNU6-1019P	--
ENSG00000201296	5.13E-15	-2.63127	1	1 RNU4-41P	--
ENSG00000201297	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201298	5.13E-15	-2.63127	1	1 RNU6-1164P	--
ENSG00000201300	5.13E-15	-2.63127	1	1 SNORD115-27	--
ENSG00000201301	5.13E-15	-2.63127	1	1 RNA5SP130	--
ENSG00000201308	5.13E-15	-2.63127	1	1 RNU6-512P	--
ENSG00000201309	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201311	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201312	5.13E-15	-2.63127	1	1 RNA5SP72	--
ENSG00000201314	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201315	5.13E-15	-2.63127	1	1 RN7SKP227	--
ENSG00000201316	5.13E-15	-2.63127	1	1 SNORA7	--
ENSG00000201317	5.13E-15	-2.63127	1	1 RNU4-59P	--
ENSG00000201318	5.13E-15	-2.63127	1	1 SNORD114-30	--
ENSG00000201321	5.13E-15	-2.63127	1	1 RNA5S9	--
ENSG00000201324	5.13E-15	-2.63127	1	1 RNU6-361P	--
ENSG00000201325	5.13E-15	-2.63127	1	1 RNA5SP142	--
ENSG00000201326	5.13E-15	-2.63127	1	1 SNORD115-22	--
ENSG00000201329	5.13E-15	-2.63127	1	1 U3	--
ENSG00000201330	5.13E-15	-2.63127	1	1 SNORD32B	--
ENSG00000201331	5.13E-15	-2.63127	1	1 SNORD115-23	--
ENSG00000201339	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201340	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201341	5.13E-15	-2.63127	1	1 RNU6-421P	--
ENSG00000201342	5.13E-15	-2.63127	1	1 RNU4-38P	--
ENSG00000201343	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201346	5.13E-15	-2.63127	1	1 U3	--
ENSG00000201347	5.13E-15	-2.63127	1	1 RNA5SP69	--
ENSG00000201348	5.13E-15	-2.63127	1	1 RNU105B	--
ENSG00000201351	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201354	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201355	5.13E-15	-2.63127	1	1 RNA5S14	--
ENSG00000201356	5.13E-15	-2.63127	1	1 RNA5SP500	--
ENSG00000201358	5.13E-15	-2.63127	1	1 RN7SKP193	--
ENSG00000201361	5.13E-15	-2.63127	1	1 RNA5SP433	--
ENSG00000201363	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201364	5.13E-15	-2.63127	1	1 RN7SKP37	--
ENSG00000201365	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201367	5.13E-15	-2.63127	1	1 RNU6-522P	--
ENSG00000201368	5.13E-15	-2.63127	1	1 U3	--
ENSG00000201370	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201371	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201372	5.13E-15	-2.63127	1	1 RNU6-1251P	--
ENSG00000201376	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000201377	5.13E-15	-2.63127	1	1 RNY4P23	--
ENSG00000201378	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201379	5.13E-15	-2.63127	1	1 RNU4-76P	--
ENSG00000201382	5.13E-15	-2.63127	1	1 RNU6-558P	--
ENSG00000201384	5.13E-15	-2.63127	1	1 SNORA32	--
ENSG00000201386	5.13E-15	-2.63127	1	1 RNU6-1163P	--
ENSG00000201392	5.13E-15	-2.63127	1	1 RNU6-1078P	--
ENSG00000201393	5.13E-15	-2.63127	1	1 SNORA71	--
ENSG00000201394	5.13E-15	-2.63127	1	1 RNA5SP140	--
ENSG00000201395	5.13E-15	-2.63127	1	1 RN7SKP257	--
ENSG00000201398	5.13E-15	-2.63127	1	1 U8	--
ENSG00000201403	5.13E-15	-2.63127	1	1 SNORD14B	--

ENSG00000201405	5.13E-15	-2.63127	1	1 Y_RNA	--
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ENSG00000201412	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201413	5.13E-15	-2.63127	1	1 RNA5SP141	--
ENSG00000201415	5.13E-15	-2.63127	1	1 RNA5SP204	--
ENSG00000201420	5.13E-15	-2.63127	1	1 RNA5SP512	--
ENSG00000201421	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201423	5.13E-15	-2.63127	1	1 RN7SKP246	--
ENSG00000201425	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201426	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201428	5.13E-15	-2.63127	1	1 RN7SKP71	--
ENSG00000201431	5.13E-15	-2.63127	1	1 RNU6-1277P	--
ENSG00000201432	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201433	5.13E-15	-2.63127	1	1 RNU6-335P	--
ENSG00000201435	5.13E-15	-2.63127	1	1 RNU4-24P	--
ENSG00000201436	5.13E-15	-2.63127	1	1 RNU6-660P	--
ENSG00000201439	5.13E-15	-2.63127	1	1 RNU4-67P	--
ENSG00000201440	5.13E-15	-2.63127	1	1 RNA5SP515	--
ENSG00000201442	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201443	5.13E-15	-2.63127	1	1 RNU6-309P	--
ENSG00000201444	5.13E-15	-2.63127	1	1 RNU6-1082P	--
ENSG00000201447	5.13E-15	-2.63127	1	1 RNA5SP509	--
ENSG00000201448	5.13E-15	-2.63127	1	1 SNORA63	--
ENSG00000201450	5.13E-15	-2.63127	1	1 RNU6-149P	--
ENSG00000201451	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201452	5.13E-15	-2.63127	1	1 RNU6-1317P	--
ENSG00000201458	5.13E-15	-2.63127	1	1 RNU4-4P	--
ENSG00000201464	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201465	5.13E-15	-2.63127	1	1 SNORA51	--
ENSG00000201466	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201467	5.13E-15	-2.63127	1	1 SNORA16	--
ENSG00000201474	5.13E-15	-2.63127	1	1 RNU6-164P	--
ENSG00000201476	5.13E-15	-2.63127	1	1 RNA5SP353	--
ENSG00000201482	5.13E-15	-2.63127	1	1 SNORD115-17	--
ENSG00000201483	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201487	5.13E-15	-2.63127	1	1 SNORD45B	--
ENSG00000201489	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201491	5.13E-15	-2.63127	1	1 RNU4-75P	--
ENSG00000201493	5.13E-15	-2.63127	1	1 RNU1-141P	--
ENSG00000201496	5.13E-15	-2.63127	1	1 RN7SKP275	--
ENSG00000201498	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201500	5.13E-15	-2.63127	1	1 SNORD113	--
ENSG00000201501	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201502	5.13E-15	-2.63127	1	1 SNORD74	--
ENSG00000201509	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201510	5.13E-15	-2.63127	1	1 RN7SKP217	--
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ENSG00000201516	5.13E-15	-2.63127	1	1 SNORA51	--
ENSG00000201517	5.13E-15	-2.63127	1	1 RNU6-707P	--
ENSG00000201518	5.13E-15	-2.63127	1	1 RNA5SP513	--
ENSG00000201519	5.13E-15	-2.63127	1	1 RNU6-645P	--
ENSG00000201523	5.13E-15	-2.63127	1	1 RNA5SP205	--
ENSG00000201524	5.13E-15	-2.63127	1	1 RNU6-450P	--
ENSG00000201527	5.13E-15	-2.63127	1	1 RNA5SP478	--
ENSG00000201529	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201532	5.13E-15	-2.63127	1	1 RNA5SP194	--
ENSG00000201533	5.13E-15	-2.63127	1	1 RN7SKP237	--
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ENSG00000201541	5.13E-15	-2.63127	1	1 SNORA1	--
ENSG00000201542	5.13E-15	-2.63127	1	1 SNORA62	--
ENSG00000201545	5.13E-15	-2.63127	1	1 RNU4-85P	--
ENSG00000201548	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201549	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201550	5.13E-15	-2.63127	1	1 RNU6-726P	--
ENSG00000201554	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201555	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201557	5.13E-15	-2.63127	1	1 SNORD114-15	--
ENSG00000201558	5.13E-15	-2.63127	1	1 RNVU1-6	--
ENSG00000201560	5.13E-15	-2.63127	1	1 RNU6-973P	--
ENSG00000201563	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201564	5.13E-15	-2.63127	1	1 RN7SKP50	--
ENSG00000201565	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201566	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201567	5.13E-15	-2.63127	1	1 RNA5SP510	--
ENSG00000201569	5.13E-15	-2.63127	1	1 SNORD114-17	--
ENSG00000201570	5.13E-15	-2.63127	1	1 RNU4-56P	--
ENSG00000201574	5.13E-15	-2.63127	1	1 RNU1-93P	--
ENSG00000201579	5.13E-15	-2.63127	1	1 RNU6-343P	--
ENSG00000201583	5.13E-15	-2.63127	1	1 RN7SKP191	--
ENSG00000201584	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201586	5.13E-15	-2.63127	1	1 RNU6-593P	--
ENSG00000201588	5.13E-15	-2.63127	1	1 RNA5S2	--
ENSG00000201591	5.13E-15	-2.63127	1	1 RNU6-99P	--
ENSG00000201594	5.13E-15	-2.63127	1	1 RNA5SP517	--
ENSG00000201595	5.13E-15	-2.63127	1	1 RNA5SP132	--
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ENSG00000201598	5.13E-15	-2.63127	1	1 RNU6-219P	--
ENSG00000201600	5.13E-15	-2.63127	1	1 RN7SKP124	--
ENSG00000201602	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201604	5.13E-15	-2.63127	1	1 RNU6-740P	--
ENSG00000201607	5.13E-15	-2.63127	1	1 RNU4-16P	--
ENSG00000201608	5.13E-15	-2.63127	1	1 RNU4-42P	--
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ENSG00000201610	5.13E-15	-2.63127	1	1 RNA5SP84	--
ENSG00000201612	5.13E-15	-2.63127	1	1 RN7SKP15	--
ENSG00000201613	5.13E-15	-2.63127	1	1 RNU6-200P	--
ENSG00000201614	5.13E-15	-2.63127	1	1 RNU4-19P	--
ENSG00000201618	5.13E-15	-2.63127	1	1 RNA5SP505	--
ENSG00000201620	5.13E-15	-2.63127	1	1 RNA5SP51	--
ENSG00000201623	5.13E-15	-2.63127	1	1 RNU6-923P	--
ENSG00000201624	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201627	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201628	5.13E-15	-2.63127	1	1 RNU4-7P	--
ENSG00000201633	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201634	5.13E-15	-2.63127	1	1 SNORD115-48	--
ENSG00000201635	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201638	5.13E-15	-2.63127	1	1 RNY4P16	--
ENSG00000201640	5.13E-15	-2.63127	1	1 RN7SKP28	--
ENSG00000201641	5.13E-15	-2.63127	1	1 RNU6-1187P	--
ENSG00000201642	5.13E-15	-2.63127	1	1 RNU6-865P	--
ENSG00000201643	5.13E-15	-2.63127	1	1 SNORA14A	--
ENSG00000201644	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201648	5.13E-15	-2.63127	1	1 RNU4-91P	--
ENSG00000201649	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201654	5.13E-15	-2.63127	1	1 RNU6-7	--
ENSG00000201658	5.13E-15	-2.63127	1	1 RNU6-283P	--

ENSG00000201659	5.13E-15	-2.63127	1	1 RNU12-2P	--
ENSG00000201660	5.13E-15	-2.63127	1	1 SNORA20	--
ENSG00000201662	5.13E-15	-2.63127	1	1 RNU6-60P	--
ENSG00000201663	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201665	5.13E-15	-2.63127	1	1 RN7SKP6	--
ENSG00000201666	5.13E-15	-2.63127	1	1 SNORD74	--
ENSG00000201668	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201671	5.13E-15	-2.63127	1	1 RNA5SP90	--
ENSG00000201672	5.13E-15	-2.63127	1	1 SNORD113-4	--
ENSG00000201674	5.13E-15	-2.63127	1	1 U3	--
ENSG00000201675	5.13E-15	-2.63127	1	1 SNORD32A	--
ENSG00000201676	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201679	5.13E-15	-2.63127	1	1 SNORD115-15	--
ENSG00000201680	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201683	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201687	5.13E-15	-2.63127	1	1 RNU6-1107P	--
ENSG00000201689	5.13E-15	-2.63127	1	1 SNORD114-29	--
ENSG00000201690	5.13E-15	-2.63127	1	1 RNY1P2	--
ENSG00000201695	5.13E-15	-2.63127	1	1 RNA5SP334	--
ENSG00000201699	5.13E-15	-2.63127	1	1 RNU1-59P	--
ENSG00000201700	5.13E-15	-2.63127	1	1 SNORD113-3	--
ENSG00000201701	5.13E-15	-2.63127	1	1 SNORA25	--
ENSG00000201704	5.13E-15	-2.63127	1	1 RNA5SP396	--
ENSG00000201707	5.13E-15	-2.63127	1	1 RNU6-818P	--
ENSG00000201708	5.13E-15	-2.63127	1	1 RNA5SP359	--
ENSG00000201709	5.13E-15	-2.63127	1	1 RNU6-686P	--
ENSG00000201710	5.13E-15	-2.63127	1	1 SNORD113	--
ENSG00000201711	5.13E-15	-2.63127	1	1 RNU6-1303P	--
ENSG00000201713	5.13E-15	-2.63127	1	1 RNA5SP125	--
ENSG00000201715	5.13E-15	-2.63127	1	1 RN7SKP133	--
ENSG00000201723	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201725	5.13E-15	-2.63127	1	1 RNU6-304P	--
ENSG00000201727	5.13E-15	-2.63127	1	1 RNA5SP173	--
ENSG00000201728	5.13E-15	-2.63127	1	1 RNA5SP479	--
ENSG00000201733	5.13E-15	-2.63127	1	1 SNORA43	--
ENSG00000201736	5.13E-15	-2.63127	1	1 RNA5SP160	--
ENSG00000201737	5.13E-15	-2.63127	1	1 RNU1-133P	--
ENSG00000201741	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201742	5.13E-15	-2.63127	1	1 RNU6-563P	--
ENSG00000201744	5.13E-15	-2.63127	1	1 RNU6-34P	--
ENSG00000201746	5.13E-15	-2.63127	1	1 RNU6-828P	--
ENSG00000201747	5.13E-15	-2.63127	1	1 RNU6-534P	--
ENSG00000201752	5.13E-15	-2.63127	1	1 RNU6-119P	--
ENSG00000201754	5.13E-15	-2.63127	1	1 SNORD52	--
ENSG00000201756	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201758	5.13E-15	-2.63127	1	1 RN7SKP55	--
ENSG00000201763	5.13E-15	-2.63127	1	1 RNA5SP267	--
ENSG00000201766	5.13E-15	-2.63127	1	1 RNA5SP302	--
ENSG00000201770	5.13E-15	-2.63127	1	1 RNU6-384P	--
ENSG00000201774	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201775	5.13E-15	-2.63127	1	1 RNU6-1325P	--
ENSG00000201778	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201780	5.13E-15	-2.63127	1	1 RNU6-275P	--
ENSG00000201782	5.13E-15	-2.63127	1	1 RN7SKP226	--
ENSG00000201785	5.13E-15	-2.63127	1	1 SNORD117	--
ENSG00000201786	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201788	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201789	5.13E-15	-2.63127	1	1 RNU6-1071P	--

ENSG00000201790	5.13E-15	-2.63127	1	1 RNA5SP189	--
ENSG00000201791	5.13E-15	-2.63127	1	1 SNORA63	--
ENSG00000201792	5.13E-15	-2.63127	1	1 RNU6-1192P	--
ENSG00000201794	5.13E-15	-2.63127	1	1 RN7SKP130	--
ENSG00000201796	5.13E-15	-2.63127	1	1 RNU6-392P	--
ENSG00000201800	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201801	5.13E-15	-2.63127	1	1 RNU5E-4P	--
ENSG00000201805	5.13E-15	-2.63127	1	1 RNU6-1180P	--
ENSG00000201806	5.13E-15	-2.63127	1	1 RNU4-8P	--
ENSG00000201807	5.13E-15	-2.63127	1	1 SNORA27	--
ENSG00000201809	5.13E-15	-2.63127	1	1 U8	--
ENSG00000201810	5.13E-15	-2.63127	1	1 U8	--
ENSG00000201811	5.13E-15	-2.63127	1	1 SNORA71	--
ENSG00000201812	5.13E-15	-2.63127	1	1 RNA5SP488	--
ENSG00000201813	5.13E-15	-2.63127	1	1 RNU6-915P	--
ENSG00000201815	5.13E-15	-2.63127	1	1 RNU6-526P	--
ENSG00000201816	5.13E-15	-2.63127	1	1 SNORA73	--
ENSG00000201818	5.13E-15	-2.63127	1	1 RNY4P17	--
ENSG00000201821	5.13E-15	-2.63127	1	1 RNU4-9P	--
ENSG00000201822	5.13E-15	-2.63127	1	1 RNA5SP149	--
ENSG00000201823	5.13E-15	-2.63127	1	1 SNORD48	--
ENSG00000201825	5.13E-15	-2.63127	1	1 RNU6-1131P	--
ENSG00000201826	5.13E-15	-2.63127	1	1 RNU6-867P	--
ENSG00000201827	5.13E-15	-2.63127	1	1 SNORA33	--
ENSG00000201830	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201831	5.13E-15	-2.63127	1	1 SNORD115-1	--
ENSG00000201839	5.13E-15	-2.63127	1	1 SNORD114-3	--
ENSG00000201843	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201846	5.13E-15	-2.63127	1	1 RNA5SP166	--
ENSG00000201847	5.13E-15	-2.63127	1	1 SNORD31	--
ENSG00000201850	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201852	5.13E-15	-2.63127	1	1 RNU6-702P	--
ENSG00000201853	5.13E-15	-2.63127	1	1 snosnR60_Z15	--
ENSG00000201856	5.13E-15	-2.63127	1	1 RNA5SP331	--
ENSG00000201860	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201861	5.13E-15	-2.63127	1	1 RNA5SP298	--
ENSG00000201862	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201863	5.13E-15	-2.63127	1	1 SNORA51	--
ENSG00000201867	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201868	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201869	5.13E-15	-2.63127	1	1 RNU6-294P	--
ENSG00000201875	5.13E-15	-2.63127	1	1 RN7SKP178	--
ENSG00000201876	5.13E-15	-2.63127	1	1 RNA5SP97	--
ENSG00000201881	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201882	5.13E-15	-2.63127	1	1 snoU2-30	--
ENSG00000201884	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201885	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201892	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201894	5.13E-15	-2.63127	1	1 RNU6-967P	--
ENSG00000201896	5.13E-15	-2.63127	1	1 RN7SKP153	--
ENSG00000201899	5.13E-15	-2.63127	1	1 SNORD114-24	--
ENSG00000201900	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201901	5.13E-15	-2.63127	1	1 RN7SKP48	--
ENSG00000201907	5.13E-15	-2.63127	1	1 SNORD115-38	--
ENSG00000201909	5.13E-15	-2.63127	1	1 RNU6-590P	--
ENSG00000201910	5.13E-15	-2.63127	1	1 RNU1-140P	--
ENSG00000201912	5.13E-15	-2.63127	1	1 RN7SKP189	--
ENSG00000201913	5.13E-15	-2.63127	1	1 Y_RNA	--

ENSG00000201916	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201919	5.13E-15	-2.63127	1	1 RNU6-1022P	--
ENSG00000201920	5.13E-15	-2.63127	1	1 RNA5SP442	--
ENSG00000201922	5.13E-15	-2.63127	1	1 RNU1-43P	--
ENSG00000201923	5.13E-15	-2.63127	1	1 RNA5SP485	--
ENSG00000201925	5.13E-15	-2.63127	1	1 RNA5S15	--
ENSG00000201931	5.13E-15	-2.63127	1	1 RNA5SP172	--
ENSG00000201933	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201938	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201939	5.13E-15	-2.63127	1	1 RNA5SP224	--
ENSG00000201942	5.13E-15	-2.63127	1	1 RNA5SP363	--
ENSG00000201943	5.13E-15	-2.63127	1	1 SNORD115-10	--
ENSG00000201945	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000201950	5.13E-15	-2.63127	1	1 SNORD113-9	--
ENSG00000201954	5.13E-15	-2.63127	1	1 RNU6-673P	--
ENSG00000201955	5.13E-15	-2.63127	1	1 RNY3P1	--
ENSG00000201957	5.13E-15	-2.63127	1	1 SNORA25	--
ENSG00000201959	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201962	5.13E-15	-2.63127	1	1 RNA5SP126	--
ENSG00000201965	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201966	5.13E-15	-2.63127	1	1 RNA5-8SP4	--
ENSG00000201967	5.13E-15	-2.63127	1	1 RN7SKP22	--
ENSG00000201968	5.13E-15	-2.63127	1	1 RNA5SP138	--
ENSG00000201969	5.13E-15	-2.63127	1	1 SNORD115-20	--
ENSG00000201980	5.13E-15	-2.63127	1	1 SNORA62	--
ENSG00000201984	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201987	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201988	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201990	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000201992	5.13E-15	-2.63127	1	1 SNORD115-35	--
ENSG00000201998	5.13E-15	-2.63127	1	1 SNORA23	--
ENSG00000201999	5.13E-15	-2.63127	1	1 RNA5SP428	--
ENSG00000202000	5.13E-15	-2.63127	1	1 RNU1-36P	--
ENSG00000202001	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202008	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202012	5.13E-15	-2.63127	1	1 RNY4P15	--
ENSG00000202014	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202016	5.13E-15	-2.63127	1	1 RNU6-619P	--
ENSG00000202017	5.13E-15	-2.63127	1	1 RNU6-806P	--
ENSG00000202019	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202021	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202023	5.13E-15	-2.63127	1	1 SNORD81	--
ENSG00000202024	5.13E-15	-2.63127	1	1 RNU6-934P	--
ENSG00000202025	5.13E-15	-2.63127	1	1 RNU6-1240P	--
ENSG00000202026	5.13E-15	-2.63127	1	1 RNU6-1134P	--
ENSG00000202027	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202029	5.13E-15	-2.63127	1	1 RNU6-580P	--
ENSG00000202034	5.13E-15	-2.63127	1	1 RNU6-399P	--
ENSG00000202035	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202039	5.13E-15	-2.63127	1	1 RNU6-215P	--
ENSG00000202041	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202044	5.13E-15	-2.63127	1	1 RNA5SP223	--
ENSG00000202046	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202047	5.13E-15	-2.63127	1	1 RNA5SP324	--
ENSG00000202048	5.13E-15	-2.63127	1	1 SNORD114-20	--
ENSG00000202050	5.13E-15	-2.63127	1	1 RNU6-391P	--
ENSG00000202051	5.13E-15	-2.63127	1	1 RNU6-382P	--
ENSG00000202054	5.13E-15	-2.63127	1	1 RNA5SP152	--

ENSG00000202056	5.13E-15	-2.63127	1	1 RNA5SP19	--
ENSG00000202059	5.13E-15	-2.63127	1	1 SNORA1	--
ENSG00000202060	5.13E-15	-2.63127	1	1 RNA5SP455	--
ENSG00000202063	5.13E-15	-2.63127	1	1 RNA5SP79	--
ENSG00000202064	5.13E-15	-2.63127	1	1 RNVU1-11	--
ENSG00000202067	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202069	5.13E-15	-2.63127	1	1 RNU4-66P	--
ENSG00000202070	5.13E-15	-2.63127	1	1 RNU6-1175P	--
ENSG00000202071	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202072	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202074	5.13E-15	-2.63127	1	1 RNU6-715P	--
ENSG00000202077	5.13E-15	-2.63127	1	1 RNU1-60P	--
ENSG00000202079	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202081	5.13E-15	-2.63127	1	1 RNU6-1280P	--
ENSG00000202082	5.13E-15	-2.63127	1	1 RNU6-290P	--
ENSG00000202089	5.13E-15	-2.63127	1	1 RNU6-1306P	--
ENSG00000202092	5.13E-15	-2.63127	1	1 RNA5SP190	--
ENSG00000202093	5.13E-15	-2.63127	1	1 SNORD58C	--
ENSG00000202095	5.13E-15	-2.63127	1	1 RNU6-1172P	--
ENSG00000202099	5.13E-15	-2.63127	1	1 RNU6-234P	--
ENSG00000202100	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202103	5.13E-15	-2.63127	1	1 RNU4-12P	--
ENSG00000202105	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202111	5.13E-15	-2.63127	1	1 VTRNA1-2	--
ENSG00000202112	5.13E-15	-2.63127	1	1 RNU6-690P	--
ENSG00000202124	5.13E-15	-2.63127	1	1 RNY4P3	--
ENSG00000202125	5.13E-15	-2.63127	1	1 RNU1-100P	--
ENSG00000202129	5.13E-15	-2.63127	1	1 RNY5P1	--
ENSG00000202137	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202140	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202141	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202142	5.13E-15	-2.63127	1	1 SNORD114-18	--
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ENSG00000202146	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202147	5.13E-15	-2.63127	1	1 RNA5SP329	--
ENSG00000202150	5.13E-15	-2.63127	1	1 RNU6-407P	--
ENSG00000202151	5.13E-15	-2.63127	1	1 RNY4P28	--
ENSG00000202157	5.13E-15	-2.63127	1	1 RNU4-11P	--
ENSG00000202159	5.13E-15	-2.63127	1	1 RNU6-742P	--
ENSG00000202160	5.13E-15	-2.63127	1	1 RNU5E-7P	--
ENSG00000202164	5.13E-15	-2.63127	1	1 RNA5SP117	--
ENSG00000202167	5.13E-15	-2.63127	1	1 RNU1-114P	--
ENSG00000202169	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202172	5.13E-15	-2.63127	1	1 RNU6-1327P	--
ENSG00000202174	5.13E-15	-2.63127	1	1 RNA5-8SP5	--
ENSG00000202175	5.13E-15	-2.63127	1	1 RNA5SP128	--
ENSG00000202177	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202178	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202182	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202183	5.13E-15	-2.63127	1	1 SNORA4	--
ENSG00000202184	5.13E-15	-2.63127	1	1 RNU6-1283P	--
ENSG00000202186	5.13E-15	-2.63127	1	1 RNU6-497P	--
ENSG00000202187	5.13E-15	-2.63127	1	1 RNA5SP355	--
ENSG00000202188	5.13E-15	-2.63127	1	1 SNORD115-31	--
ENSG00000202189	5.13E-15	-2.63127	1	1 SNORA30	--
ENSG00000202190	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202191	5.13E-15	-2.63127	1	1 SNORD113-1	--
ENSG00000202193	5.13E-15	-2.63127	1	1 RNA5SP427	--

ENSG00000202195	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202199	5.13E-15	-2.63127	1	1 RNU1-115P	--
ENSG00000202200	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202205	5.13E-15	-2.63127	1	1 RNU6-1034P	--
ENSG00000202206	5.13E-15	-2.63127	1	1 RNU6-169P	--
ENSG00000202211	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202215	5.13E-15	-2.63127	1	1 RNU1-51P	--
ENSG00000202216	5.13E-15	-2.63127	1	1 SNORA43	--
ENSG00000202217	5.13E-15	-2.63127	1	1 RN7SKP47	--
ENSG00000202224	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202225	5.13E-15	-2.63127	1	1 RNA5SP240	--
ENSG00000202227	5.13E-15	-2.63127	1	1 RNU6-282P	--
ENSG00000202229	5.13E-15	-2.63127	1	1 RNU6-1138P	--
ENSG00000202231	5.13E-15	-2.63127	1	1 SNORA9	--
ENSG00000202233	5.13E-15	-2.63127	1	1 U3	--
ENSG00000202237	5.13E-15	-2.63127	1	1 RNU6-53P	--
ENSG00000202239	5.13E-15	-2.63127	1	1 RNU6-396P	--
ENSG00000202240	5.13E-15	-2.63127	1	1 RNU6-737P	--
ENSG00000202241	5.13E-15	-2.63127	1	1 RN7SKP186	--
ENSG00000202242	5.13E-15	-2.63127	1	1 RNU6-1276P	--
ENSG00000202245	5.13E-15	-2.63127	1	1 RNU6-728P	--
ENSG00000202248	5.13E-15	-2.63127	1	1 RNA5SP85	--
ENSG00000202249	5.13E-15	-2.63127	1	1 RNU5E-5P	--
ENSG00000202250	5.13E-15	-2.63127	1	1 RNU6-443P	--
ENSG00000202251	5.13E-15	-2.63127	1	1 Y_RNA	--
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ENSG00000202254	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202255	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202257	5.13E-15	-2.63127	1	1 RNA5S16	--
ENSG00000202261	5.13E-15	-2.63127	1	1 SNORD115-44	--
ENSG00000202263	5.13E-15	-2.63127	1	1 RNA5SP22	--
ENSG00000202264	5.13E-15	-2.63127	1	1 RNA5SP77	--
ENSG00000202265	5.13E-15	-2.63127	1	1 RNU6-596P	--
ENSG00000202268	5.13E-15	-2.63127	1	1 U3	--
ENSG00000202269	5.13E-15	-2.63127	1	1 U8	--
ENSG00000202270	5.13E-15	-2.63127	1	1 SNORD114-12	--
ENSG00000202273	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202275	5.13E-15	-2.63127	1	1 SNORD51	--
ENSG00000202276	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202281	5.13E-15	-2.63127	1	1 RNA5SP235	--
ENSG00000202283	5.13E-15	-2.63127	1	1 SNORA33	--
ENSG00000202285	5.13E-15	-2.63127	1	1 RNU6-117P	--
ENSG00000202293	5.13E-15	-2.63127	1	1 SNORD114-22	--
ENSG00000202296	5.13E-15	-2.63127	1	1 RNU6-1335P	--
ENSG00000202297	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202300	5.13E-15	-2.63127	1	1 RNU6-487P	--
ENSG00000202304	5.13E-15	-2.63127	1	1 RNU6-1130P	--
ENSG00000202306	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202308	5.13E-15	-2.63127	1	1 RNU6-996P	--
ENSG00000202309	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202310	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202313	5.13E-15	-2.63127	1	1 RNU1-64P	--
ENSG00000202317	5.13E-15	-2.63127	1	1 RNU1-84P	--
ENSG00000202322	5.13E-15	-2.63127	1	1 RNA5SP131	--
ENSG00000202324	5.13E-15	-2.63127	1	1 RNA5SP366	--
ENSG00000202329	5.13E-15	-2.63127	1	1 RNU6-609P	--
ENSG00000202331	5.13E-15	-2.63127	1	1 RNA5SP167	--
ENSG00000202332	5.13E-15	-2.63127	1	1 Y_RNA	--

ENSG00000202334	5.13E-15	-2.63127	1	1 RNA5SP238	--
ENSG00000202335	5.13E-15	-2.63127	1	1 SNORD50	--
ENSG00000202336	5.13E-15	-2.63127	1	1 RNU6-359P	--
ENSG00000202339	5.13E-15	-2.63127	1	1 RNU4-45P	--
ENSG00000202341	5.13E-15	-2.63127	1	1 RNU6-1051P	--
ENSG00000202344	5.13E-15	-2.63127	1	1 RN7SKP208	--
ENSG00000202345	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202350	5.13E-15	-2.63127	1	1 RNU6-326P	--
ENSG00000202351	5.13E-15	-2.63127	1	1 RN7SKP204	--
ENSG00000202354	5.13E-15	-2.63127	1	1 RNY3	--
ENSG00000202356	5.13E-15	-2.63127	1	1 RNA5SP277	--
ENSG00000202357	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202360	5.13E-15	-2.63127	1	1 RN7SKP249	--
ENSG00000202361	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202363	5.13E-15	-2.63127	1	1 SNORA62	--
ENSG00000202368	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202373	5.13E-15	-2.63127	1	1 SNORD115-43	--
ENSG00000202374	5.13E-15	-2.63127	1	1 SNORA62	--
ENSG00000202377	5.13E-15	-2.63127	1	1 SNORA25	--
ENSG00000202380	5.13E-15	-2.63127	1	1 RNU1-55P	--
ENSG00000202382	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202383	5.13E-15	-2.63127	1	1 RNA5SP279	--
ENSG00000202385	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202386	5.13E-15	-2.63127	1	1 RNA5SP211	--
ENSG00000202388	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202389	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000202392	5.13E-15	-2.63127	1	1 RN7SKP292	--
ENSG00000202395	5.13E-15	-2.63127	1	1 RN7SKP1	--
ENSG00000202398	5.13E-15	-2.63127	1	1 RNU6-61P	--
ENSG00000202400	5.13E-15	-2.63127	1	1 SNORD82	--
ENSG00000202402	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202406	5.13E-15	-2.63127	1	1 RN7SKP187	--
ENSG00000202407	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202408	5.13E-15	-2.63127	1	1 RNU1-122P	--
ENSG00000202410	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202411	5.13E-15	-2.63127	1	1 RNA5SP259	--
ENSG00000202412	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202414	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202422	5.13E-15	-2.63127	1	1 RNA5SP30	--
ENSG00000202423	5.13E-15	-2.63127	1	1 RNU6-827P	--
ENSG00000202427	5.13E-15	-2.63127	1	1 RNU6-744P	--
ENSG00000202428	5.13E-15	-2.63127	1	1 RNU6-108P	--
ENSG00000202429	5.13E-15	-2.63127	1	1 RNU4-48P	--
ENSG00000202430	5.13E-15	-2.63127	1	1 RNA5SP88	--
ENSG00000202431	5.13E-15	-2.63127	1	1 RNU6-438P	--
ENSG00000202433	5.13E-15	-2.63127	1	1 RNU6-54P	--
ENSG00000202438	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202440	5.13E-15	-2.63127	1	1 SNORD42	--
ENSG00000202441	5.13E-15	-2.63127	1	1 RNY4P10	--
ENSG00000202444	5.13E-15	-2.63127	1	1 RNU5E-6P	--
ENSG00000202445	5.13E-15	-2.63127	1	1 RNU6-669P	--
ENSG00000202449	5.13E-15	-2.63127	1	1 SNORA63	--
ENSG00000202459	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202468	5.13E-15	-2.63127	1	1 RNU4-17P	--
ENSG00000202469	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202470	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202471	5.13E-15	-2.63127	1	1 RNU4-20P	--
ENSG00000202473	5.13E-15	-2.63127	1	1 RN7SKP81	--

ENSG00000202474	5.13E-15	-2.63127	1	1 RNA5SP283	--
ENSG00000202476	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202478	5.13E-15	-2.63127	1	1 RNU6-81P	--
ENSG00000202479	5.13E-15	-2.63127	1	1 SNORD14	--
ENSG00000202482	5.13E-15	-2.63127	1	1 U3	--
ENSG00000202485	5.13E-15	-2.63127	1	1 RNU6-499P	--
ENSG00000202490	5.13E-15	-2.63127	1	1 RNU6-597P	--
ENSG00000202491	5.13E-15	-2.63127	1	1 RNU6-716P	--
ENSG00000202495	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202496	5.13E-15	-2.63127	1	1 RNVI1-20	--
ENSG00000202497	5.13E-15	-2.63127	1	1 RNU6-898P	--
ENSG00000202498	5.13E-15	-2.63127	1	1 SNORD116	--
ENSG00000202499	5.13E-15	-2.63127	1	1 SNORD115-36	--
ENSG00000202502	5.13E-15	-2.63127	1	1 RNA5SP151	--
ENSG00000202503	5.13E-15	-2.63127	1	1 SNORD34	--
ENSG00000202508	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202512	5.13E-15	-2.63127	1	1 RN7SKP230	--
ENSG00000202513	5.13E-15	-2.63127	1	1 RNU6-805P	--
ENSG00000202514	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202517	5.13E-15	-2.63127	1	1 SNORA64	--
ENSG00000202521	5.13E-15	-2.63127	1	1 RNA5S7	--
ENSG00000202523	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202526	5.13E-15	-2.63127	1	1 RNA5S13	--
ENSG00000202528	5.13E-15	-2.63127	1	1 RNU6-650P	--
ENSG00000202529	5.13E-15	-2.63127	1	1 SNORD18B	--
ENSG00000202532	5.13E-15	-2.63127	1	1 RNU6-395P	--
ENSG00000202533	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202534	5.13E-15	-2.63127	1	1 RNU6-1329P	--
ENSG00000202536	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202542	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000202560	5.13E-15	-2.63127	1	1 MIR539	--
ENSG00000202566	5.13E-15	-2.63127	1	1 MIR421	--
ENSG00000202569	5.13E-15	-2.63127	1	1 MIR146B	--
ENSG00000202601	5.13E-15	-2.63127	1	1 MIR582	--
ENSG00000202609	5.13E-15	-2.63127	1	1 MIR488	--
ENSG00000203257	5.13E-15	-2.63127	1	1 AL691479.1	--
ENSG00000203260	5.13E-15	-2.63127	1	1 AL356475.1	K15696
ENSG00000203262	5.13E-15	-2.63127	1	1 RP5-961K14.2	K04613
ENSG00000203266	5.13E-15	-2.63127	1	1 RP11-560A15.3	--
ENSG00000203268	5.13E-15	-2.63127	1	1 AL445199.1	--
ENSG00000203281	5.13E-15	-2.63127	1	1 AL590489.1	K08857
ENSG00000203284	5.13E-15	-2.63127	1	1 AL591516.1	K11447
ENSG00000203285	5.13E-15	-2.63127	1	1 AL591516.2	K11447
ENSG00000203286	5.13E-15	-2.63127	1	1 AL365202.1	K12581
ENSG00000203305	5.13E-15	-2.63127	1	1 AC010525.1	--
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ENSG00000203314	5.13E-15	-2.63127	1	1 AC015815.1	K06588
ENSG00000203316	5.13E-15	-2.63127	1	1 AC015815.3	--
ENSG00000203317	5.13E-15	-2.63127	1	1 AC015815.4	--
ENSG00000203318	5.13E-15	-2.63127	1	1 AC015815.5	--
ENSG00000203326	5.13E-15	-2.63127	1	1 ZNF525	K09228
ENSG00000203334	5.13E-15	-2.63127	1	1 AP003027.1	--
ENSG00000203335	5.13E-15	-2.63127	1	1 AC006019.3	--
ENSG00000203343	5.13E-15	-2.63127	1	1 AC009107.1	K09131
ENSG00000203344	5.13E-15	-2.63127	1	1 AC018696.2	K17985
ENSG00000203346	5.13E-15	-2.63127	1	1 AL162458.1	K16467
ENSG00000203363	5.13E-15	-2.63127	1	1 AC012454.4	K08438
ENSG00000203372	5.13E-15	-2.63127	1	1 RP11-101E5.1	--

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ENSG00000203384	5.13E-15	-2.63127	1	1 AL591516.3	K17985
ENSG00000203386	5.13E-15	-2.63127	1	1 AC009499.1	-
ENSG00000203387	5.13E-15	-2.63127	1	1 AC074019.2	K12188
ENSG00000203394	5.13E-15	-2.63127	1	1 RP5-930J4.4	-
ENSG00000203395	5.13E-15	-2.63127	1	1 AC015969.3	-
ENSG00000203396	5.13E-15	-2.63127	1	1 RP11-217O12.1	-
ENSG00000203397	5.13E-15	-2.63127	1	1 RP13-36G14.3	K10135
ENSG00000203400	5.13E-15	-2.63127	1	1 AP001187.1	K15696
ENSG00000203402	5.13E-15	-2.63127	1	1 RP11-571E6.3	-
ENSG00000203408	5.13E-15	-2.63127	1	1 OR6C71P	K04257
ENSG00000203411	5.13E-15	-2.63127	1	1 AC090519.2	K16467
ENSG00000203413	5.13E-15	-2.63127	1	1 ACTBP6	K05692
ENSG00000203414	5.13E-15	-2.63127	1	1 BTBD7P1	K10479
ENSG00000203415	5.13E-15	-2.63127	1	1 AC016734.1	K06115
ENSG00000203416	5.13E-15	-2.63127	1	1 FAM32B	K13120
ENSG00000203418	5.13E-15	-2.63127	1	1 AC131571.1	K17985
ENSG00000203421	5.13E-15	-2.63127	1	1 AC140061.2	-
ENSG00000203422	5.13E-15	-2.63127	1	1 AC140061.3	K10408
ENSG00000203423	5.13E-15	-2.63127	1	1 AC140061.4	K09228
ENSG00000203424	5.13E-15	-2.63127	1	1 AC140061.5	K09228
ENSG00000203425	5.13E-15	-2.63127	1	1 AC140061.6	K06115
ENSG00000203427	5.13E-15	-2.63127	1	1 AC140061.8	K15106
ENSG00000203430	5.13E-15	-2.63127	1	1 AC140061.10	K17985
ENSG00000203431	5.13E-15	-2.63127	1	1 AC140061.11	K09228
ENSG00000203432	5.13E-15	-2.63127	1	1 AC008147.1	K09228
ENSG00000203434	5.13E-15	-2.63127	1	1 RP11-163F15.1	-
ENSG00000203435	5.13E-15	-2.63127	1	1 AC104600.1	K06620
ENSG00000203436	5.13E-15	-2.63127	1	1 AC109925.1	K08857
ENSG00000203437	5.13E-15	-2.63127	1	1 RP11-820K3.3	K03134
ENSG00000203438	5.13E-15	-2.63127	1	1 AL512625.1	-
ENSG00000203442	5.13E-15	-2.63127	1	1 AC008555.1	K17985
ENSG00000203457	5.13E-15	-2.63127	1	1 AC068896.1	K06115
ENSG00000203462	5.13E-15	-2.63127	1	1 RP11-814E24.1	-
ENSG00000203465	5.13E-15	-2.63127	1	1 AC061975.2	K17985
ENSG00000203469	5.13E-15	-2.63127	1	1 RP5-1113E3.3	-
ENSG00000203471	5.13E-15	-2.63127	1	1 AL359697.1	-
ENSG00000203472	5.13E-15	-2.63127	1	1 RP11-77K12.4	-
ENSG00000203473	5.13E-15	-2.63127	1	1 AC105036.1	K09131
ENSG00000203477	5.13E-15	-2.63127	1	1 AC061975.3	K06115
ENSG00000203478	5.13E-15	-2.63127	1	1 AC061975.4	K12606
ENSG00000203479	5.13E-15	-2.63127	1	1 AC061975.5	-
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ENSG00000203482	5.13E-15	-2.63127	1	1 AC061975.7	K12581
ENSG00000203483	5.13E-15	-2.63127	1	1 AC100852.1	K12606
ENSG00000203484	5.13E-15	-2.63127	1	1 AC100852.2	K01368
ENSG00000203489	5.13E-15	-2.63127	1	1 HMGB1P39	K10802
ENSG00000203492	5.13E-15	-2.63127	1	1 OR2N1P	K04257
ENSG00000203496	5.13E-15	-2.63127	1	1 RP11-291L22.4	-
ENSG00000203498	5.13E-15	-2.63127	1	1 RP11-556O15.1	-
ENSG00000203504	5.13E-15	-2.63127	1	1 AC131571.2	K17985
ENSG00000203505	5.13E-15	-2.63127	1	1 AC003079.1	K15696
ENSG00000203506	5.13E-15	-2.63127	1	1 RBMS3-AS2	-
ENSG00000203507	5.13E-15	-2.63127	1	1 AC103801.1	K09228
ENSG00000203511	5.13E-15	-2.63127	1	1 AL353662.1	K01557
ENSG00000203512	5.13E-15	-2.63127	1	1 AL353662.2	K12581
ENSG00000203513	5.13E-15	-2.63127	1	1 AL353662.3	K15696
ENSG00000203518	5.13E-15	-2.63127	1	1 AL023807.1	K12022

ENSG00000203527	5.13E-15	-2.63127	1	1 Z99756.1	-
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ENSG00000203543	5.13E-15	-2.63127	1	1 AL353671.2	K17985
ENSG00000203547	5.13E-15	-2.63127	1	1 AL135901.1	K00779
ENSG00000203560	5.13E-15	-2.63127	1	1 OR52J1P	K04257
ENSG00000203562	5.13E-15	-2.63127	1	1 AC004771.1	-
ENSG00000203565	5.13E-15	-2.63127	1	1 RP13-259N13.2	-
ENSG00000203572	5.13E-15	-2.63127	1	1 AC090519.3	K07994
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ENSG00000203574	5.13E-15	-2.63127	1	1 AC090519.5	K02927
ENSG00000203575	5.13E-15	-2.63127	1	1 AC090519.6	K17985
ENSG00000203576	5.13E-15	-2.63127	1	1 AC090519.7	K12581
ENSG00000203578	5.13E-15	-2.63127	1	1 AC073940.1	K09582
ENSG00000203583	5.13E-15	-2.63127	1	1 AL021707.1	K09228
ENSG00000203585	5.13E-15	-2.63127	1	1 RP11-542B15.1	-
ENSG00000203593	5.13E-15	-2.63127	1	1 RP5-1096D14.6	-
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ENSG00000203601	5.13E-15	-2.63127	1	1 LINC00970	-
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ENSG00000203606	5.13E-15	-2.63127	1	1 AC004832.1	-
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ENSG00000203616	5.13E-15	-2.63127	1	1 RHOT1P2	K07870
ENSG00000203618	5.13E-15	-2.63127	1	1 GP1BB	K06262
ENSG00000203620	5.13E-15	-2.63127	1	1 RP11-84A19.2	-
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ENSG00000203643	5.13E-15	-2.63127	1	1 AC012456.3	-
ENSG00000203645	5.13E-15	-2.63127	1	1 LINC00501	-
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ENSG00000203648	5.13E-15	-2.63127	1	1 AC007618.3	K02991
ENSG00000203650	5.13E-15	-2.63127	1	1 RP4-562J12.2	-
ENSG00000203652	5.13E-15	-2.63127	1	1 AC099048.1	-
ENSG00000203659	5.13E-15	-2.63127	1	1 AL353671.3	K17985
ENSG00000203661	5.13E-15	-2.63127	1	1 OR2T5	K04257
ENSG00000203663	5.13E-15	-2.63127	1	1 OR2L2	K04257
ENSG00000203664	5.13E-15	-2.63127	1	1 OR2W5	K04257
ENSG00000203685	5.13E-15	-2.63127	1	1 C1orf95	-
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ENSG00000203690	5.13E-15	-2.63127	1	1 TCP10	-
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ENSG00000203729	5.13E-15	-2.63127	1	1 LINC00272	-
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ENSG00000203737	5.13E-15	-2.63127	1	1 GPR52	K08407
ENSG00000203740	5.13E-15	-2.63127	1	1 METTL11B	K19579
ENSG00000203747	5.13E-15	-2.63127	1	1 FCGR3A	K06463
ENSG00000203756	5.13E-15	-2.63127	1	1 TMEM244	-
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ENSG00000203758	5.13E-15	-2.63127	1	1 OR10T1P	K04257
ENSG00000203778	5.13E-15	-2.63127	1	1 FAM229B	-
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ENSG00000203786	5.13E-15	-2.63127	1	1 KPRP	-
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ENSG00000203809	5.13E-15	-2.63127	1	1 LINC00577	-
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ENSG00000203815	5.13E-15	-2.63127	1	1 FAM231D	-
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ENSG00000203818	5.13E-15	-2.63127	1	1 HIST2H3PS2	K11253
ENSG00000203819	5.13E-15	-2.63127	1	1 HIST2H2BC	K11252
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ENSG00000203835	5.13E-15	-2.63127	1	1 ABHD17AP1	-
ENSG00000203837	5.13E-15	-2.63127	1	1 PNLIPRP3	K14076
ENSG00000203855	5.13E-15	-2.63127	1	1 HSD3BP4	K00070
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ENSG00000203858	5.13E-15	-2.63127	1	1 HSD3BP2	K00070
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ENSG00000203864	5.13E-15	-2.63127	1	1 C1orf137	-
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ENSG00000203867	5.13E-15	-2.63127	1	1 RBM20	K12581
ENSG00000203870	5.13E-15	-2.63127	1	1 SMIM9	-
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ENSG00000203877	5.13E-15	-2.63127	1	1 RIPPLY2	-
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ENSG00000203897	5.13E-15	-2.63127	1	1 SPATA42	-
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ENSG00000203908	5.13E-15	-2.63127	1	1 KHDC3L	-
ENSG00000203909	5.13E-15	-2.63127	1	1 DPPA5	-
ENSG00000203914	5.13E-15	-2.63127	1	1 HSP90B3P	K09487
ENSG00000203923	5.13E-15	-2.63127	1	1 SPANXN1	-
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ENSG00000203926	5.13E-15	-2.63127	1	1 SPANXA2	-
ENSG00000203933	5.13E-15	-2.63127	1	1 CXorf66	-
ENSG00000203952	5.13E-15	-2.63127	1	1 CCDC160	-
ENSG00000203963	5.13E-15	-2.63127	1	1 C1orf141	K12795
ENSG00000203970	5.13E-15	-2.63127	1	1 DEFB110	-
ENSG00000203971	5.13E-15	-2.63127	1	1 RP13-379L11.2	-
ENSG00000203972	5.13E-15	-2.63127	1	1 GLYATL3	-
ENSG00000203985	5.13E-15	-2.63127	1	1 LDLRAD1	-
ENSG00000203987	5.13E-15	-2.63127	1	1 RP11-188C12.3	-
ENSG00000203989	5.13E-15	-2.63127	1	1 RHOXF2B	-
ENSG00000204003	5.13E-15	-2.63127	1	1 LCN6	-
ENSG00000204006	5.13E-15	-2.63127	1	1 C1orf185	-
ENSG00000204007	5.13E-15	-2.63127	1	1 GLT6D1	-
ENSG00000204020	5.13E-15	-2.63127	1	1 LIPN	-
ENSG00000204021	5.13E-15	-2.63127	1	1 LIPK	K14452
ENSG00000204022	5.13E-15	-2.63127	1	1 LIPJ	K14452
ENSG00000204025	5.13E-15	-2.63127	1	1 TRPC5OS	-
ENSG00000204031	5.13E-15	-2.63127	1	1 LCN1P2	-
ENSG00000204033	5.13E-15	-2.63127	1	1 LRIT2	-
ENSG00000204038	5.13E-15	-2.63127	1	1 AL359195.1	K01896
ENSG00000204049	5.13E-15	-2.63127	1	1 AL391421.1	-
ENSG00000204053	5.13E-15	-2.63127	1	1 MYCLP1	K09110
ENSG00000204065	5.13E-15	-2.63127	1	1 TCEAL5	-
ENSG00000204071	5.13E-15	-2.63127	1	1 TCEAL6	-
ENSG00000204072	5.13E-15	-2.63127	1	1 RP4-545K15.3	-
ENSG00000204086	5.13E-15	-2.63127	1	1 RPA4	K10741
ENSG00000204091	5.13E-15	-2.63127	1	1 TDRG1	-

ENSG00000204092	5.13E-15	-2.63127	1	1 LINC00951	-
ENSG00000204110	5.13E-15	-2.63127	1	1 RP1-153P14.8	-
ENSG00000204116	5.13E-15	-2.63127	1	1 CHIC1	-
ENSG00000204117	5.13E-15	-2.63127	1	1 RP4-640H8.2	-
ENSG00000204118	5.13E-15	-2.63127	1	1 NAP1L6	K11280
ENSG00000204119	5.13E-15	-2.63127	1	1 LINC00684	-
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ENSG00000204128	5.13E-15	-2.63127	1	1 C2orf72	-
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ENSG00000204136	5.13E-15	-2.63127	1	1 GGTA1P	K00743
ENSG00000204140	5.13E-15	-2.63127	1	1 CLPSL1	-
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ENSG00000204161	5.13E-15	-2.63127	1	1 C10orf128	-
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ENSG00000204175	5.13E-15	-2.63127	1	1 GPRIN2	-
ENSG00000204176	5.13E-15	-2.63127	1	1 SYT15	-
ENSG00000204179	5.13E-15	-2.63127	1	1 PTPN20A	K18039
ENSG00000204183	5.13E-15	-2.63127	1	1 GDF5OS	K04664
ENSG00000204187	5.13E-15	-2.63127	1	1 LINC00619	-
ENSG00000204188	5.13E-15	-2.63127	1	1 GGNBP1	-
ENSG00000204193	5.13E-15	-2.63127	1	1 TXNDC8	-
ENSG00000204194	5.13E-15	-2.63127	1	1 RPL12P1	K02870
ENSG00000204196	5.13E-15	-2.63127	1	1 AC011737.2	K02870
ENSG00000204227	5.13E-15	-2.63127	1	1 RING1	K10695
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ENSG00000204231	5.13E-15	-2.63127	1	1 RXRB	K08525
ENSG00000204246	5.13E-15	-2.63127	1	1 OR13C3	K04257
ENSG00000204248	5.13E-15	-2.63127	1	1 COL11A2	K19721
ENSG00000204250	5.13E-15	-2.63127	1	1 LINC00587	-
ENSG00000204252	5.13E-15	-2.63127	1	1 HLA-DOA	K06752
ENSG00000204257	5.13E-15	-2.63127	1	1 HLA-DMA	K06752
ENSG00000204261	5.13E-15	-2.63127	1	1 TAPSAR1	-
ENSG00000204264	5.13E-15	-2.63127	1	1 PSMB8	K02740
ENSG00000204267	5.13E-15	-2.63127	1	1 TAP2	K05654
ENSG00000204277	5.13E-15	-2.63127	1	1 RP11-219G17.4	-
ENSG00000204278	5.13E-15	-2.63127	1	1 TMEM235	-
ENSG00000204279	5.13E-15	-2.63127	1	1 PAGE3	-
ENSG00000204283	5.13E-15	-2.63127	1	1 FLJ45079	-
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ENSG00000204290	5.13E-15	-2.63127	1	1 BTNL2	-
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ENSG00000204296	5.13E-15	-2.63127	1	1 C6orf10	-
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ENSG00000204301	5.13E-15	-2.63127	1	1 NOTCH4	K02599
ENSG00000204305	5.13E-15	-2.63127	1	1 AGER	K19722
ENSG00000204306	5.13E-15	-2.63127	1	1 AP002348.1	-
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ENSG00000204314	5.13E-15	-2.63127	1	1 PRRT1	-
ENSG00000204315	5.13E-15	-2.63127	1	1 FKBPL	K11095
ENSG00000204334	5.13E-15	-2.63127	1	1 ERICH2	-
ENSG00000204335	5.13E-15	-2.63127	1	1 SP5	K09195
ENSG00000204338	5.13E-15	-2.63127	1	1 CYP21A1P	K00513
ENSG00000204345	5.13E-15	-2.63127	1	1 CD300LD	K17557
ENSG00000204347	5.13E-15	-2.63127	1	1 BTBD17	-
ENSG00000204348	5.13E-15	-2.63127	1	1 DXO	K14845
ENSG00000204351	5.13E-15	-2.63127	1	1 SKIV2L	K12599
ENSG00000204352	5.13E-15	-2.63127	1	1 C9orf129	-
ENSG00000204356	5.13E-15	-2.63127	1	1 NELFE	K15182

ENSG00000204361	5.13E-15	-2.63127	1	1 NXPE2	K09228
ENSG00000204363	5.13E-15	-2.63127	1	1 SPANXN5	-
ENSG00000204365	5.13E-15	-2.63127	1	1 C10orf126	-
ENSG00000204366	5.13E-15	-2.63127	1	1 ZBTB12	K10499
ENSG00000204368	5.13E-15	-2.63127	1	1 RP11-552E4.3	K15624
ENSG00000204371	5.13E-15	-2.63127	1	1 EHMT2	K11420
ENSG00000204375	5.13E-15	-2.63127	1	1 XAGE1E	-
ENSG00000204376	5.13E-15	-2.63127	1	1 XAGE1D	-
ENSG00000204379	5.13E-15	-2.63127	1	1 XAGE1A	-
ENSG00000204381	5.13E-15	-2.63127	1	1 LAYN	K10077
ENSG00000204382	5.13E-15	-2.63127	1	1 XAGE1B	-
ENSG00000204385	5.13E-15	-2.63127	1	1 SLC44A4	K15377
ENSG00000204386	5.13E-15	-2.63127	1	1 NEU1	K01186
ENSG00000204389	5.13E-15	-2.63127	1	1 HSPA1A	K03283
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ENSG00000204392	5.13E-15	-2.63127	1	1 LSM2	K12621
ENSG00000204393	5.13E-15	-2.63127	1	1 RP11-410N8.4	-
ENSG00000204394	5.13E-15	-2.63127	1	1 VARS	K01873
ENSG00000204398	5.13E-15	-2.63127	1	1 RP11-65D24.2	-
ENSG00000204399	5.13E-15	-2.63127	1	1 AC012306.2	K06974
ENSG00000204403	5.13E-15	-2.63127	1	1 CASP12	K04741
ENSG00000204410	5.13E-15	-2.63127	1	1 MSH5	K08741
ENSG00000204414	5.13E-15	-2.63127	1	1 CSHL1	K05438
ENSG00000204420	5.13E-15	-2.63127	1	1 C6orf25	K02927
ENSG00000204421	5.13E-15	-2.63127	1	1 LY6G6C	K06846
ENSG00000204422	5.13E-15	-2.63127	1	1 XXbac-BPG32J3.20	K06846
ENSG00000204424	5.13E-15	-2.63127	1	1 LY6G6F	-
ENSG00000204427	5.13E-15	-2.63127	1	1 ABHD16A	-
ENSG00000204428	5.13E-15	-2.63127	1	1 LY6G5C	-
ENSG00000204429	5.13E-15	-2.63127	1	1 RP11-1E11.1	-
ENSG00000204435	5.13E-15	-2.63127	1	1 CSNK2B	K03115
ENSG00000204437	5.13E-15	-2.63127	1	1 CTSLP6	K01365
ENSG00000204438	5.13E-15	-2.63127	1	1 GPANK1	-
ENSG00000204439	5.13E-15	-2.63127	1	1 C6orf47	-
ENSG00000204442	5.13E-15	-2.63127	1	1 FAM155A	-
ENSG00000204444	5.13E-15	-2.63127	1	1 APOM	-
ENSG00000204449	5.13E-15	-2.63127	1	1 TRIM49C	K12019
ENSG00000204450	5.13E-15	-2.63127	1	1 TRIM64	K12019
ENSG00000204455	5.13E-15	-2.63127	1	1 TRIM51BP	K12019
ENSG00000204456	5.13E-15	-2.63127	1	1 RP11-313I2.10	K12019
ENSG00000204460	5.13E-15	-2.63127	1	1 AC079586.1	-
ENSG00000204466	5.13E-15	-2.63127	1	1 DGKK	-
ENSG00000204469	5.13E-15	-2.63127	1	1 PRRC2A	-
ENSG00000204471	5.13E-15	-2.63127	1	1 TBC1D3P4	K11837
ENSG00000204472	5.13E-15	-2.63127	1	1 AIF1	K18617
ENSG00000204475	5.13E-15	-2.63127	1	1 NCR3	K06743
ENSG00000204478	5.13E-15	-2.63127	1	1 PRAMEF20	-
ENSG00000204479	5.13E-15	-2.63127	1	1 PRAMEF17	-
ENSG00000204480	5.13E-15	-2.63127	1	1 PRAMEF19	-
ENSG00000204481	5.13E-15	-2.63127	1	1 PRAMEF14	-
ENSG00000204482	5.13E-15	-2.63127	1	1 LST1	-
ENSG00000204485	5.13E-15	-2.63127	1	1 XX-FW84067D5.1	-
ENSG00000204486	5.13E-15	-2.63127	1	1 PRAMEF21	-
ENSG00000204488	5.13E-15	-2.63127	1	1 PRAMEF16	-
ENSG00000204491	5.13E-15	-2.63127	1	1 PRAMEF18	-
ENSG00000204495	5.13E-15	-2.63127	1	1 PRAMEF13	-
ENSG00000204498	5.13E-15	-2.63127	1	1 NFKBIL1	K09256
ENSG00000204501	5.13E-15	-2.63127	1	1 PRAMEF9	-

ENSG00000204502	5.13E-15	-2.63127	1	1 PRAMEF5	-
ENSG00000204503	5.13E-15	-2.63127	1	1 PRAMEF3	-
ENSG00000204505	5.13E-15	-2.63127	1	1 PRAMEF25	-
ENSG00000204508	5.13E-15	-2.63127	1	1 PRAMEF22	-
ENSG00000204510	5.13E-15	-2.63127	1	1 PRAMEF7	-
ENSG00000204511	5.13E-15	-2.63127	1	1 MCCD1	-
ENSG00000204513	5.13E-15	-2.63127	1	1 PRAMEF11	-
ENSG00000204516	5.13E-15	-2.63127	1	1 MICB	K09228
ENSG00000204518	5.13E-15	-2.63127	1	1 AADA4L4	K14351
ENSG00000204528	5.13E-15	-2.63127	1	1 PSORS1C3	-
ENSG00000204531	5.13E-15	-2.63127	1	1 POU5F1	K09367
ENSG00000204538	5.13E-15	-2.63127	1	1 PSORS1C2	-
ENSG00000204539	5.13E-15	-2.63127	1	1 CDSN	-
ENSG00000204542	5.13E-15	-2.63127	1	1 C6orf15	-
ENSG00000204544	5.13E-15	-2.63127	1	1 MUC21	-
ENSG00000204547	5.13E-15	-2.63127	1	1 DEFB122	-
ENSG00000204548	5.13E-15	-2.63127	1	1 DEFB121	-
ENSG00000204555	5.13E-15	-2.63127	1	1 RP4-610C12.2	K05031
ENSG00000204556	5.13E-15	-2.63127	1	1 CTD-2514C3.1	K09228
ENSG00000204560	5.13E-15	-2.63127	1	1 DHX16	K12813
ENSG00000204564	5.13E-15	-2.63127	1	1 C6orf136	-
ENSG00000204566	5.13E-15	-2.63127	1	1 C10orf115	-
ENSG00000204568	5.13E-15	-2.63127	1	1 MRPS18B	K16174
ENSG00000204569	5.13E-15	-2.63127	1	1 PPP1R10	-
ENSG00000204571	5.13E-15	-2.63127	1	1 KRTAP5-11	-
ENSG00000204572	5.13E-15	-2.63127	1	1 KRTAP5-10	-
ENSG00000204574	5.13E-15	-2.63127	1	1 ABCF1	K06184
ENSG00000204576	5.13E-15	-2.63127	1	1 PRR3	-
ENSG00000204577	5.13E-15	-2.63127	1	1 LILRB3	K06512
ENSG00000204590	5.13E-15	-2.63127	1	1 GNL1	-
ENSG00000204592	5.13E-15	-2.63127	1	1 HLA-E	K06751
ENSG00000204595	5.13E-15	-2.63127	1	1 DPRX	-
ENSG00000204599	5.13E-15	-2.63127	1	1 TRIM39	K12015
ENSG00000204603	5.13E-15	-2.63127	1	1 RP11-638F5.1	-
ENSG00000204610	5.13E-15	-2.63127	1	1 TRIM15	K12005
ENSG00000204612	5.13E-15	-2.63127	1	1 FOXB2	K09395
ENSG00000204613	5.13E-15	-2.63127	1	1 TRIM10	K12002
ENSG00000204614	5.13E-15	-2.63127	1	1 TRIM40	K12016
ENSG00000204616	5.13E-15	-2.63127	1	1 TRIM31	K12011
ENSG00000204618	5.13E-15	-2.63127	1	1 RNF39	-
ENSG00000204619	5.13E-15	-2.63127	1	1 PPP1R11	K17553
ENSG00000204620	5.13E-15	-2.63127	1	1 AC115618.1	K17985
ENSG00000204622	5.13E-15	-2.63127	1	1 HLA-J	K06751
ENSG00000204623	5.13E-15	-2.63127	1	1 ZNRD1-AS1	-
ENSG00000204624	5.13E-15	-2.63127	1	1 PTCHD2	-
ENSG00000204625	5.13E-15	-2.63127	1	1 HCG9	-
ENSG00000204632	5.13E-15	-2.63127	1	1 HLA-G	K06751
ENSG00000204637	5.13E-15	-2.63127	1	1 AC068538.2	-
ENSG00000204640	5.13E-15	-2.63127	1	1 NMS	-
ENSG00000204642	5.13E-15	-2.63127	1	1 HLA-F	K06751
ENSG00000204644	5.13E-15	-2.63127	1	1 ZFP57	K09228
ENSG00000204645	5.13E-15	-2.63127	1	1 SSX4	K15624
ENSG00000204648	5.13E-15	-2.63127	1	1 SSX9	K15625
ENSG00000204655	5.13E-15	-2.63127	1	1 MOG	K17270
ENSG00000204657	5.13E-15	-2.63127	1	1 OR2H2	K04257
ENSG00000204658	5.13E-15	-2.63127	1	1 RP11-218C14.2	K13905
ENSG00000204661	5.13E-15	-2.63127	1	1 C5orf60	K16467
ENSG00000204662	5.13E-15	-2.63127	1	1 CST9LP1	K13905

ENSG00000204663	5.13E-15	-2.63127	1	1 CST13P	-
ENSG00000204669	5.13E-15	-2.63127	1	1 C9orf57	-
ENSG00000204670	5.13E-15	-2.63127	1	1 IGKV1OR2-3	-
ENSG00000204671	5.13E-15	-2.63127	1	1 IL31	-
ENSG00000204677	5.13E-15	-2.63127	1	1 FAM153C	-
ENSG00000204681	5.13E-15	-2.63127	1	1 GABBR1	K04615
ENSG00000204683	5.13E-15	-2.63127	1	1 C10orf113	-
ENSG00000204684	5.13E-15	-2.63127	1	1 RP5-1004I9.1	-
ENSG00000204687	5.13E-15	-2.63127	1	1 MAS1L	K04324
ENSG00000204688	5.13E-15	-2.63127	1	1 OR2H1	K04257
ENSG00000204694	5.13E-15	-2.63127	1	1 OR11A1	K04257
ENSG00000204695	5.13E-15	-2.63127	1	1 OR14J1	K04257
ENSG00000204697	5.13E-15	-2.63127	1	1 OR2U1P	K04257
ENSG00000204699	5.13E-15	-2.63127	1	1 UBTFL3	-
ENSG00000204700	5.13E-15	-2.63127	1	1 OR2J2	K04257
ENSG00000204701	5.13E-15	-2.63127	1	1 OR2J3	K04257
ENSG00000204702	5.13E-15	-2.63127	1	1 OR2J1	K04257
ENSG00000204703	5.13E-15	-2.63127	1	1 OR2B3	K04257
ENSG00000204704	5.13E-15	-2.63127	1	1 OR2W1	K04257
ENSG00000204705	5.13E-15	-2.63127	1	1 UBTFL5	K12606
ENSG00000204706	5.13E-15	-2.63127	1	1 MAMDC2-AS1	-
ENSG00000204709	5.13E-15	-2.63127	1	1 C6orf100	-
ENSG00000204713	5.13E-15	-2.63127	1	1 TRIM27	K12009
ENSG00000204717	5.13E-15	-2.63127	1	1 AC073464.11	K17299
ENSG00000204718	5.13E-15	-2.63127	1	1 CNN2P12	K15411
ENSG00000204740	5.13E-15	-2.63127	1	1 MALRD1	K11299
ENSG00000204752	5.13E-15	-2.63127	1	1 AC025278.1	K17985
ENSG00000204754	5.13E-15	-2.63127	1	1 CTC-281M20.1	-
ENSG00000204767	5.13E-15	-2.63127	1	1 FAM196B	-
ENSG00000204776	5.13E-15	-2.63127	1	1 IGKV1OR-3	-
ENSG00000204779	5.13E-15	-2.63127	1	1 FOXD4L5	K09397
ENSG00000204780	5.13E-15	-2.63127	1	1 IGKV1OR9-1	-
ENSG00000204787	5.13E-15	-2.63127	1	1 REG1P	-
ENSG00000204788	5.13E-15	-2.63127	1	1 CR769776.1	-
ENSG00000204789	5.13E-15	-2.63127	1	1 ZNF204P	K09228
ENSG00000204791	5.13E-15	-2.63127	1	1 CTD-3065J16.6	-
ENSG00000204794	5.13E-15	-2.63127	1	1 PGM5P1	K15636
ENSG00000204801	5.13E-15	-2.63127	1	1 RP11-96J15.2	K04358
ENSG00000204802	5.13E-15	-2.63127	1	1 RP11-111F5.4	-
ENSG00000204807	5.13E-15	-2.63127	1	1 FAM27E2	-
ENSG00000204813	5.13E-15	-2.63127	1	1 RP11-34H11.3	-
ENSG00000204814	5.13E-15	-2.63127	1	1 RP11-160N1.10	-
ENSG00000204815	5.13E-15	-2.63127	1	1 TTC25	-
ENSG00000204816	5.13E-15	-2.63127	1	1 RP11-475I24.1	K04358
ENSG00000204818	5.13E-15	-2.63127	1	1 BX649563.4	K08458
ENSG00000204828	5.13E-15	-2.63127	1	1 FOXD4L2	K09397
ENSG00000204832	5.13E-15	-2.63127	1	1 ST8SIA6-AS1	-
ENSG00000204844	5.13E-15	-2.63127	1	1 FAM74A3	-
ENSG00000204848	5.13E-15	-2.63127	1	1 SPATA31A2	-
ENSG00000204849	5.13E-15	-2.63127	1	1 SPATA31A1	-
ENSG00000204850	5.13E-15	-2.63127	1	1 AC011484.1	K02183
ENSG00000204851	5.13E-15	-2.63127	1	1 PNMAL2	K02183
ENSG00000204860	5.13E-15	-2.63127	1	1 FAM201A	-
ENSG00000204872	5.13E-15	-2.63127	1	1 AC092653.5	-
ENSG00000204873	5.13E-15	-2.63127	1	1 KRTAP9-3	-
ENSG00000204880	5.13E-15	-2.63127	1	1 KRTAP4-8	-
ENSG00000204887	5.13E-15	-2.63127	1	1 KRTAP1-4	-
ENSG00000204889	5.13E-15	-2.63127	1	1 KRT40	K07604

ENSG00000204897	5.13E-15	-2.63127	1	1 KRT25	K07604
ENSG00000204904	5.13E-15	-2.63127	1	1 CXorf31	K12756
ENSG00000204909	5.13E-15	-2.63127	1	1 SPINK9	-
ENSG00000204915	5.13E-15	-2.63127	1	1 RP6-99M1.1	-
ENSG00000204918	5.13E-15	-2.63127	1	1 PRR20B	-
ENSG00000204919	5.13E-15	-2.63127	1	1 PRR20A	-
ENSG00000204930	5.13E-15	-2.63127	1	1 FAM221B	K09654
ENSG00000204933	5.13E-15	-2.63127	1	1 CD177P1	K06552
ENSG00000204934	5.13E-15	-2.63127	1	1 ATP6V0E2-AS1	-
ENSG00000204950	5.13E-15	-2.63127	1	1 LRRC10B	-
ENSG00000204952	5.13E-15	-2.63127	1	1 FBXO47	K10321
ENSG00000204960	5.13E-15	-2.63127	1	1 BLACE	-
ENSG00000204961	5.13E-15	-2.63127	1	1 PCDHA9	K16493
ENSG00000204962	5.13E-15	-2.63127	1	1 PCDHA8	K16493
ENSG00000204963	5.13E-15	-2.63127	1	1 PCDHA7	K16493
ENSG00000204965	5.13E-15	-2.63127	1	1 PCDHA5	K16493
ENSG00000204967	5.13E-15	-2.63127	1	1 PCDHA4	K16493
ENSG00000204969	5.13E-15	-2.63127	1	1 PCDHA2	K16493
ENSG00000204970	5.13E-15	-2.63127	1	1 PCDHA1	K16493
ENSG00000204971	5.13E-15	-2.63127	1	1 RP11-807H22.7	-
ENSG00000204978	5.13E-15	-2.63127	1	1 C19orf69	-
ENSG00000204979	5.13E-15	-2.63127	1	1 MS4A13	-
ENSG00000204983	5.13E-15	-2.63127	1	1 PRSS1	K01312
ENSG00000204989	5.13E-15	-2.63127	1	1 OR4D8P	K04257
ENSG00000204990	5.13E-15	-2.63127	1	1 RP5-842K16.1	-
ENSG00000204993	5.13E-15	-2.63127	1	1 AC139712.2	K15309
ENSG00000205020	5.13E-15	-2.63127	1	1 CCL4L1	K12964
ENSG00000205021	5.13E-15	-2.63127	1	1 CCL3L1	K05408
ENSG00000205025	5.13E-15	-2.63127	1	1 OR5G5P	K04257
ENSG00000205029	5.13E-15	-2.63127	1	1 OR5D16	K04257
ENSG00000205030	5.13E-15	-2.63127	1	1 OR5L2	K04257
ENSG00000205035	5.13E-15	-2.63127	1	1 RP11-707M1.1	K04604
ENSG00000205037	5.13E-15	-2.63127	1	1 RP11-863P13.4	-
ENSG00000205038	5.13E-15	-2.63127	1	1 PKHD1L1	-
ENSG00000205044	5.13E-15	-2.63127	1	1 RP11-56P9.11	K12019
ENSG00000205045	5.13E-15	-2.63127	1	1 SLFN12L	-
ENSG00000205054	5.13E-15	-2.63127	1	1 LINC01121	-
ENSG00000205056	5.13E-15	-2.63127	1	1 RP11-693J15.5	-
ENSG00000205057	5.13E-15	-2.63127	1	1 CLLU1OS	-
ENSG00000205076	5.13E-15	-2.63127	1	1 LGALS7	K10092
ENSG00000205078	5.13E-15	-2.63127	1	1 SYCE1L	K19534
ENSG00000205081	5.13E-15	-2.63127	1	1 CXorf30	-
ENSG00000205097	5.13E-15	-2.63127	1	1 FRG2	K09131
ENSG00000205100	5.13E-15	-2.63127	1	1 HSP90AA4P	K04079
ENSG00000205105	5.13E-15	-2.63127	1	1 COX17P1	K02260
ENSG00000205116	5.13E-15	-2.63127	1	1 TMEM88B	-
ENSG00000205126	5.13E-15	-2.63127	1	1 ACCSL	-
ENSG00000205148	5.13E-15	-2.63127	1	1 AC016251.1	-
ENSG00000205174	5.13E-15	-2.63127	1	1 C7orf66	-
ENSG00000205176	5.13E-15	-2.63127	1	1 REXO1L1P	K14570
ENSG00000205184	5.13E-15	-2.63127	1	1 SLC10A5P1	K14343
ENSG00000205186	5.13E-15	-2.63127	1	1 FABP9	-
ENSG00000205212	5.13E-15	-2.63127	1	1 CCDC144NL	-
ENSG00000205215	5.13E-15	-2.63127	1	1 AC015818.3	K07604
ENSG00000205231	5.13E-15	-2.63127	1	1 TTLL10-AS1	-
ENSG00000205240	5.13E-15	-2.63127	1	1 OR7E36P	K04257
ENSG00000205266	5.13E-15	-2.63127	1	1 AL353997.3	-
ENSG00000205267	5.13E-15	-2.63127	1	1 DGAT2L7P	K14457

ENSG00000205271	5.13E-15	-2.63127	1	1 CSPG4P10	K08115
ENSG00000205279	5.13E-15	-2.63127	1	1 CTXN3	–
ENSG00000205301	5.13E-15	-2.63127	1	1 RP11-542P2.1	K00738
ENSG00000205307	5.13E-15	-2.63127	1	1 SAP25	K19193
ENSG00000205312	5.13E-15	-2.63127	1	1 AC022596.2	K07604
ENSG00000205318	5.13E-15	-2.63127	1	1 GCNT6	K00742
ENSG00000205327	5.13E-15	-2.63127	1	1 OR6C68	K04257
ENSG00000205328	5.13E-15	-2.63127	1	1 OR6C65	K04257
ENSG00000205329	5.13E-15	-2.63127	1	1 OR6C3	K04257
ENSG00000205330	5.13E-15	-2.63127	1	1 OR6C1	K04257
ENSG00000205331	5.13E-15	-2.63127	1	1 OR6C72P	K04257
ENSG00000205333	5.13E-15	-2.63127	1	1 GOLGA2P1	K10595
ENSG00000205358	5.13E-15	-2.63127	1	1 MT1H	K14739
ENSG00000205359	5.13E-15	-2.63127	1	1 SLCO6A1	K14357
ENSG00000205360	5.13E-15	-2.63127	1	1 MT1CP	K14739
ENSG00000205362	5.13E-15	-2.63127	1	1 MT1A	K14739
ENSG00000205363	5.13E-15	-2.63127	1	1 C15orf59	–
ENSG00000205364	5.13E-15	-2.63127	1	1 MT1M	K14739
ENSG00000205396	5.13E-15	-2.63127	1	1 LINC00661	–
ENSG00000205409	5.13E-15	-2.63127	1	1 OR52E6	K04257
ENSG00000205412	5.13E-15	-2.63127	1	1 HNRNPA1P20	K12741
ENSG00000205414	5.13E-15	-2.63127	1	1 RP11-401P9.6	–
ENSG00000205424	5.13E-15	-2.63127	1	1 AL592528.1	–
ENSG00000205433	5.13E-15	-2.63127	1	1 SNRPGP6	K11099
ENSG00000205439	5.13E-15	-2.63127	1	1 KRTAP12-3	–
ENSG00000205441	5.13E-15	-2.63127	1	1 KRTAP10-7	–
ENSG00000205442	5.13E-15	-2.63127	1	1 IZUMO3	–
ENSG00000205444	5.13E-15	-2.63127	1	1 RP4-529N6.1	–
ENSG00000205445	5.13E-15	-2.63127	1	1 KRTAP10-2	–
ENSG00000205449	5.13E-15	-2.63127	1	1 NBPF22P	–
ENSG00000205452	5.13E-15	-2.63127	1	1 RP11-812E19.3	–
ENSG00000205456	5.13E-15	-2.63127	1	1 TP53TG3D	–
ENSG00000205457	5.13E-15	-2.63127	1	1 TP53TG3C	–
ENSG00000205488	5.13E-15	-2.63127	1	1 CALML3-AS1	–
ENSG00000205494	5.13E-15	-2.63127	1	1 OR52A4	K04257
ENSG00000205495	5.13E-15	-2.63127	1	1 OR52J3	K04257
ENSG00000205496	5.13E-15	-2.63127	1	1 OR51A2	K04257
ENSG00000205497	5.13E-15	-2.63127	1	1 OR51A4	K04257
ENSG00000205502	5.13E-15	-2.63127	1	1 C2CD4B	–
ENSG00000205505	5.13E-15	-2.63127	1	1 AC006014.10	K08694
ENSG00000205506	5.13E-15	-2.63127	1	1 AC004878.6	K08694
ENSG00000205508	5.13E-15	-2.63127	1	1 AC004878.5	K08694
ENSG00000205509	5.13E-15	-2.63127	1	1 AC138783.11	K08694
ENSG00000205549	5.13E-15	-2.63127	1	1 C9orf92	–
ENSG00000205562	5.13E-15	-2.63127	1	1 RP11-497E19.1	–
ENSG00000205565	5.13E-15	-2.63127	1	1 RP11-497H16.6	–
ENSG00000205579	5.13E-15	-2.63127	1	1 DYNLL1P1	K10418
ENSG00000205580	5.13E-15	-2.63127	1	1 AC006995.8	K08694
ENSG00000205584	5.13E-15	-2.63127	1	1 AC005488.11	K09572
ENSG00000205596	5.13E-15	-2.63127	1	1 RP5-1132H15.2	–
ENSG00000205611	5.13E-15	-2.63127	1	1 RP4-610C12.4	–
ENSG00000205625	5.13E-15	-2.63127	1	1 RP11-15G8.1	K17985
ENSG00000205628	5.13E-15	-2.63127	1	1 GS1-179L18.1	–
ENSG00000205632	5.13E-15	-2.63127	1	1 WI2-81516E3.1	–
ENSG00000205634	5.13E-15	-2.63127	1	1 LINC00898	–
ENSG00000205636	5.13E-15	-2.63127	1	1 LINC00583	–
ENSG00000205642	5.13E-15	-2.63127	1	1 VCX3B	–
ENSG00000205649	5.13E-15	-2.63127	1	1 HTN3	K13913

ENSG00000205653	5.13E-15	-2.63127	1	1 RP3-416J7.5	-
ENSG00000205662	5.13E-15	-2.63127	1	1 RP11-706O15.7	-
ENSG00000205667	5.13E-15	-2.63127	1	1 ARSH	K12374
ENSG00000205669	5.13E-15	-2.63127	1	1 ACOT6	K11993
ENSG00000205678	5.13E-15	-2.63127	1	1 TECRL	-
ENSG00000205682	5.13E-15	-2.63127	1	1 RP11-798L4.1	-
ENSG00000205695	5.13E-15	-2.63127	1	1 RP11-15H7.2	-
ENSG00000205716	5.13E-15	-2.63127	1	1 AC007248.6	-
ENSG00000205718	5.13E-15	-2.63127	1	1 MBD3L4	-
ENSG00000205740	5.13E-15	-2.63127	1	1 AL359878.1	K12581
ENSG00000205745	5.13E-15	-2.63127	1	1 PP13004	-
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ENSG00000205767	5.13E-15	-2.63127	1	1 CTD-2302E22.1	K02910
ENSG00000205775	5.13E-15	-2.63127	1	1 GAGE2E	-
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ENSG00000205786	5.13E-15	-2.63127	1	1 AC002511.1	-
ENSG00000205795	5.13E-15	-2.63127	1	1 CYS1	-
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ENSG00000205822	5.13E-15	-2.63127	1	1 TPTE2P6	K17985
ENSG00000205830	5.13E-15	-2.63127	1	1 AC024132.1	-
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ENSG00000205837	5.13E-15	-2.63127	1	1 LINC00487	-
ENSG00000205846	5.13E-15	-2.63127	1	1 CLEC6A	K17514
ENSG00000205847	5.13E-15	-2.63127	1	1 OR7E91P	K04257
ENSG00000205850	5.13E-15	-2.63127	1	1 AL359736.1	-
ENSG00000205856	5.13E-15	-2.63127	1	1 C22orf42	-
ENSG00000205857	5.13E-15	-2.63127	1	1 NANOGNB	K17985
ENSG00000205858	5.13E-15	-2.63127	1	1 LRRC72	-
ENSG00000205864	5.13E-15	-2.63127	1	1 KRTAP5-6	-
ENSG00000205865	5.13E-15	-2.63127	1	1 FAM99B	-
ENSG00000205866	5.13E-15	-2.63127	1	1 FAM99A	-
ENSG00000205879	5.13E-15	-2.63127	1	1 FAM90A2P	-
ENSG00000205882	5.13E-15	-2.63127	1	1 DEFB134	-
ENSG00000205883	5.13E-15	-2.63127	1	1 DEFB135	-
ENSG00000205884	5.13E-15	-2.63127	1	1 DEFB136	-
ENSG00000205897	5.13E-15	-2.63127	1	1 OR7E136P	K04257
ENSG00000205899	5.13E-15	-2.63127	1	1 BHLHA9	-
ENSG00000205916	5.13E-15	-2.63127	1	1 DAZ4	-
ENSG00000205923	5.13E-15	-2.63127	1	1 CEMP1	K01443
ENSG00000205927	5.13E-15	-2.63127	1	1 OLIG2	K09085
ENSG00000205929	5.13E-15	-2.63127	1	1 C21orf62	-
ENSG00000205930	5.13E-15	-2.63127	1	1 C21orf49	-
ENSG00000205936	5.13E-15	-2.63127	1	1 PPP1R12BP2	K12329
ENSG00000205940	5.13E-15	-2.63127	1	1 HSP90AB2P	K04079
ENSG00000205944	5.13E-15	-2.63127	1	1 DAZ2	-
ENSG00000205946	5.13E-15	-2.63127	1	1 USP17L6P	K11845
ENSG00000205955	5.13E-15	-2.63127	1	1 HSP90AA5P	K04079
ENSG00000205971	5.13E-15	-2.63127	1	1 AC074389.6	K19720
ENSG00000205976	5.13E-15	-2.63127	1	1 RP11-404K5.2	-
ENSG00000205989	5.13E-15	-2.63127	1	1 DEFB109	-
ENSG00000206014	5.13E-15	-2.63127	1	1 OR7E161P	K04257
ENSG00000206026	5.13E-15	-2.63127	1	1 SMIM21	-
ENSG00000206034	5.13E-15	-2.63127	1	1 DEFB109P1B	-
ENSG00000206042	5.13E-15	-2.63127	1	1 DEFA7P	K05230
ENSG00000206043	5.13E-15	-2.63127	1	1 C18orf63	-
ENSG00000206047	5.13E-15	-2.63127	1	1 DEFA1	K05230
ENSG00000206052	5.13E-15	-2.63127	1	1 DOK6	-
ENSG00000206062	5.13E-15	-2.63127	1	1 RP13-212L9.1	-

ENSG00000206066	5.13E-15	-2.63127	1	1 IGLL3P	K06554
ENSG00000206069	5.13E-15	-2.63127	1	1 TMEM211	-
ENSG00000206072	5.13E-15	-2.63127	1	1 SERPINB11	K13966
ENSG00000206102	5.13E-15	-2.63127	1	1 KRTAP19-8	-
ENSG00000206104	5.13E-15	-2.63127	1	1 KRTAP20-3	-
ENSG00000206105	5.13E-15	-2.63127	1	1 KRTAP20-4	-
ENSG00000206106	5.13E-15	-2.63127	1	1 KRTAP22-2	-
ENSG00000206107	5.13E-15	-2.63127	1	1 KRTAP27-1	-
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ENSG00000206114	5.13E-15	-2.63127	1	1 FAM138D	-
ENSG00000206120	5.13E-15	-2.63127	1	1 EGFEM1P	-
ENSG00000206129	5.13E-15	-2.63127	1	1 CTD-2008L17.2	-
ENSG00000206144	5.13E-15	-2.63127	1	1 RP11-400K9.2	K06855
ENSG00000206147	5.13E-15	-2.63127	1	1 RP11-106A1.2	K02893
ENSG00000206150	5.13E-15	-2.63127	1	1 RNASE13	-
ENSG00000206159	5.13E-15	-2.63127	1	1 GYG2P1	K00750
ENSG00000206177	5.13E-15	-2.63127	1	1 HBM	K13828
ENSG00000206187	5.13E-15	-2.63127	1	1 RP11-1084I9.1	-
ENSG00000206192	5.13E-15	-2.63127	1	1 ANKRD20A9P	K17299
ENSG00000206199	5.13E-15	-2.63127	1	1 ANKUB1	-
ENSG00000206203	5.13E-15	-2.63127	1	1 TSSK2	K08811
ENSG00000206249	5.13E-15	-2.63127	1	1 CTD-2308N23.2	-
ENSG00000206260	5.13E-15	-2.63127	1	1 PRR23A	K12581
ENSG00000206341	5.13E-15	-2.63127	1	1 HLA-H	K06751
ENSG00000206344	5.13E-15	-2.63127	1	1 HCG27	-
ENSG00000206356	5.13E-15	-2.63127	1	1 RP11-93O17.2	-
ENSG00000206422	5.13E-15	-2.63127	1	1 LRRC30	-
ENSG00000206432	5.13E-15	-2.63127	1	1 TMEM200C	-
ENSG00000206448	5.13E-15	-2.63127	1	1 PPIAP30	K03767
ENSG00000206474	5.13E-15	-2.63127	1	1 OR10C1	K04257
ENSG00000206483	5.13E-15	-2.63127	1	1 TXNRD3NB	K00384
ENSG00000206531	5.13E-15	-2.63127	1	1 CD200R1L	-
ENSG00000206536	5.13E-15	-2.63127	1	1 OR5K3	K04257
ENSG00000206552	5.13E-15	-2.63127	1	1 KRBOX1-AS1	-
ENSG00000206557	5.13E-15	-2.63127	1	1 TRIM71	K12035
ENSG00000206579	5.13E-15	-2.63127	1	1 XKR4	K17985
ENSG00000206582	5.13E-15	-2.63127	1	1 Y_RNA	-
ENSG00000206583	5.13E-15	-2.63127	1	1 RNU6-1292P	-
ENSG00000206585	5.13E-15	-2.63127	1	1 RNVU1-9	-
ENSG00000206587	5.13E-15	-2.63127	1	1 RNU6-46P	-
ENSG00000206588	5.13E-15	-2.63127	1	1 RNU1-28P	-
ENSG00000206589	5.13E-15	-2.63127	1	1 RNU6-354P	-
ENSG00000206590	5.13E-15	-2.63127	1	1 RNU6-132P	-
ENSG00000206592	5.13E-15	-2.63127	1	1 SNORA18	-
ENSG00000206593	5.13E-15	-2.63127	1	1 RNU6-47P	-
ENSG00000206595	5.13E-15	-2.63127	1	1 RNU6-877P	-
ENSG00000206596	5.13E-15	-2.63127	1	1 RNU1-27P	-
ENSG00000206597	5.13E-15	-2.63127	1	1 SNORA57	-
ENSG00000206598	5.13E-15	-2.63127	1	1 RNU6-1286P	-
ENSG00000206599	5.13E-15	-2.63127	1	1 RNU6-841P	-
ENSG00000206600	5.13E-15	-2.63127	1	1 RNU6-25P	-
ENSG00000206602	5.13E-15	-2.63127	1	1 SNORD58A	-
ENSG00000206604	5.13E-15	-2.63127	1	1 RNU6-425P	-
ENSG00000206606	5.13E-15	-2.63127	1	1 RNU6-1296P	-
ENSG00000206609	5.13E-15	-2.63127	1	1 SNORD116-11	-
ENSG00000206611	5.13E-15	-2.63127	1	1 SNORD24	-
ENSG00000206613	5.13E-15	-2.63127	1	1 RNU6-1336P	-
ENSG00000206614	5.13E-15	-2.63127	1	1 RNU6-477P	-

ENSG00000206615	5.13E-15	-2.63127	1	1 RNU6-338P	--
ENSG00000206616	5.13E-15	-2.63127	1	1 RNU6-741P	--
ENSG00000206617	5.13E-15	-2.63127	1	1 RNY1P5	--
ENSG00000206618	5.13E-15	-2.63127	1	1 RNU6-1264P	--
ENSG00000206620	5.13E-15	-2.63127	1	1 SNORD45C	--
ENSG00000206621	5.13E-15	-2.63127	1	1 SNORD116-14	--
ENSG00000206623	5.13E-15	-2.63127	1	1 RNU6-979P	--
ENSG00000206624	5.13E-15	-2.63127	1	1 RNU1-39P	--
ENSG00000206625	5.13E-15	-2.63127	1	1 RNU6-1	--
ENSG00000206627	5.13E-15	-2.63127	1	1 RNU6-969P	--
ENSG00000206629	5.13E-15	-2.63127	1	1 RNU1-63P	--
ENSG00000206631	5.13E-15	-2.63127	1	1 RNU6-657P	--
ENSG00000206635	5.13E-15	-2.63127	1	1 RNU6-1062P	--
ENSG00000206636	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206637	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000206638	5.13E-15	-2.63127	1	1 RNU6-672P	--
ENSG00000206639	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206641	5.13E-15	-2.63127	1	1 RNU6-449P	--
ENSG00000206644	5.13E-15	-2.63127	1	1 RNU6-1279P	--
ENSG00000206649	5.13E-15	-2.63127	1	1 SNORA20	--
ENSG00000206652	5.13E-15	-2.63127	1	1 RNU1-1	--
ENSG00000206654	5.13E-15	-2.63127	1	1 RNU6-608P	--
ENSG00000206656	5.13E-15	-2.63127	1	1 SNORD116-17	--
ENSG00000206659	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206660	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206661	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000206662	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206663	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206665	5.13E-15	-2.63127	1	1 RNU6-573P	--
ENSG00000206669	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206671	5.13E-15	-2.63127	1	1 RNU6-471P	--
ENSG00000206672	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206675	5.13E-15	-2.63127	1	1 RNU6-32P	--
ENSG00000206676	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206677	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206678	5.13E-15	-2.63127	1	1 RNU6-144P	--
ENSG00000206680	5.13E-15	-2.63127	1	1 SNORD21	--
ENSG00000206681	5.13E-15	-2.63127	1	1 RNU6-730P	--
ENSG00000206682	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206684	5.13E-15	-2.63127	1	1 RNU6-157P	--
ENSG00000206685	5.13E-15	-2.63127	1	1 RNU6-1189P	--
ENSG00000206686	5.13E-15	-2.63127	1	1 RNU6-1036P	--
ENSG00000206687	5.13E-15	-2.63127	1	1 RNU1-109P	--
ENSG00000206688	5.13E-15	-2.63127	1	1 SNORD116-18	--
ENSG00000206690	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206692	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206693	5.13E-15	-2.63127	1	1 SNORA56	--
ENSG00000206694	5.13E-15	-2.63127	1	1 RNVU1-3	--
ENSG00000206695	5.13E-15	-2.63127	1	1 RNU6-442P	--
ENSG00000206697	5.13E-15	-2.63127	1	1 RNY1P8	--
ENSG00000206699	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206700	5.13E-15	-2.63127	1	1 RNU6-723P	--
ENSG00000206701	5.13E-15	-2.63127	1	1 RNU6-1040P	--
ENSG00000206702	5.13E-15	-2.63127	1	1 RNU1-11P	--
ENSG00000206703	5.13E-15	-2.63127	1	1 RNU6-128P	--
ENSG00000206704	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206705	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206706	5.13E-15	-2.63127	1	1 Y_RNA	--

ENSG00000206708	5.13E-15	-2.63127	1	1 RNU6-1227P	--
ENSG00000206709	5.13E-15	-2.63127	1	1 RNU6-1080P	--
ENSG00000206710	5.13E-15	-2.63127	1	1 RNU6-147P	--
ENSG00000206711	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206714	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206715	5.13E-15	-2.63127	1	1 RNU6-444P	--
ENSG00000206716	5.13E-15	-2.63127	1	1 RNU6-133P	--
ENSG00000206717	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206718	5.13E-15	-2.63127	1	1 RNU6-546P	--
ENSG00000206719	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206721	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206722	5.13E-15	-2.63127	1	1 RNU6-1074P	--
ENSG00000206723	5.13E-15	-2.63127	1	1 RNU6-1056P	--
ENSG00000206724	5.13E-15	-2.63127	1	1 RNU6-756P	--
ENSG00000206725	5.13E-15	-2.63127	1	1 RNU6-1027P	--
ENSG00000206726	5.13E-15	-2.63127	1	1 RNU6-259P	--
ENSG00000206727	5.13E-15	-2.63127	1	1 SNORD116-9	--
ENSG00000206729	5.13E-15	-2.63127	1	1 RNU6-1126P	--
ENSG00000206730	5.13E-15	-2.63127	1	1 RNU6-468P	--
ENSG00000206731	5.13E-15	-2.63127	1	1 SNORA36	--
ENSG00000206732	5.13E-15	-2.63127	1	1 RNU6-936P	--
ENSG00000206733	5.13E-15	-2.63127	1	1 RNU6-641P	--
ENSG00000206734	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206737	5.13E-15	-2.63127	1	1 RNVU1-18	--
ENSG00000206738	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206741	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206743	5.13E-15	-2.63127	1	1 RNU6-484P	--
ENSG00000206744	5.13E-15	-2.63127	1	1 RNU6-620P	--
ENSG00000206745	5.13E-15	-2.63127	1	1 RNU6-643P	--
ENSG00000206746	5.13E-15	-2.63127	1	1 RNU6-142P	--
ENSG00000206749	5.13E-15	-2.63127	1	1 RNU6-1083P	--
ENSG00000206751	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206752	5.13E-15	-2.63127	1	1 RNU6-1323P	--
ENSG00000206755	5.13E-15	-2.63127	1	1 SNORA30	--
ENSG00000206756	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206758	5.13E-15	-2.63127	1	1 RNU6-317P	--
ENSG00000206759	5.13E-15	-2.63127	1	1 RNU6-787P	--
ENSG00000206760	5.13E-15	-2.63127	1	1 SNORA6	--
ENSG00000206761	5.13E-15	-2.63127	1	1 U3	--
ENSG00000206763	5.13E-15	-2.63127	1	1 RNU6-10P	--
ENSG00000206764	5.13E-15	-2.63127	1	1 RNU6-152P	--
ENSG00000206765	5.13E-15	-2.63127	1	1 RNU6-203P	--
ENSG00000206766	5.13E-15	-2.63127	1	1 RNU6-435P	--
ENSG00000206767	5.13E-15	-2.63127	1	1 RNU6-949P	--
ENSG00000206769	5.13E-15	-2.63127	1	1 RNU6-116P	--
ENSG00000206770	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206772	5.13E-15	-2.63127	1	1 RNU6-44P	--
ENSG00000206774	5.13E-15	-2.63127	1	1 RNU6-211P	--
ENSG00000206776	5.13E-15	-2.63127	1	1 SNORA32	--
ENSG00000206777	5.13E-15	-2.63127	1	1 RNU6-637P	--
ENSG00000206778	5.13E-15	-2.63127	1	1 RNU6-213P	--
ENSG00000206779	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206780	5.13E-15	-2.63127	1	1 SNORA75	--
ENSG00000206781	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206782	5.13E-15	-2.63127	1	1 RNU6-224P	--
ENSG00000206783	5.13E-15	-2.63127	1	1 RNU6-292P	--
ENSG00000206784	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206785	5.13E-15	-2.63127	1	1 SNORA15	--

ENSG00000206787	5.13E-15	-2.63127	1	1 RNU6-76P	--
ENSG00000206788	5.13E-15	-2.63127	1	1 RNU6-629P	--
ENSG00000206790	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206791	5.13E-15	-2.63127	1	1 RNU1-129P	--
ENSG00000206792	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206795	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206796	5.13E-15	-2.63127	1	1 RNU6-811P	--
ENSG00000206797	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206799	5.13E-15	-2.63127	1	1 SNORA32	--
ENSG00000206800	5.13E-15	-2.63127	1	1 RNY3P7	--
ENSG00000206801	5.13E-15	-2.63127	1	1 RNU6-639P	--
ENSG00000206802	5.13E-15	-2.63127	1	1 RNU6-926P	--
ENSG00000206803	5.13E-15	-2.63127	1	1 RNU6-968P	--
ENSG00000206804	5.13E-15	-2.63127	1	1 RNU6-1293P	--
ENSG00000206805	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206806	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206807	5.13E-15	-2.63127	1	1 RNU6-815P	--
ENSG00000206811	5.13E-15	-2.63127	1	1 SNORA10	--
ENSG00000206812	5.13E-15	-2.63127	1	1 RNU6-38P	--
ENSG00000206813	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206815	5.13E-15	-2.63127	1	1 RNU6-483P	--
ENSG00000206816	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206817	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206818	5.13E-15	-2.63127	1	1 RNU6-849P	--
ENSG00000206819	5.13E-15	-2.63127	1	1 RNU6-260P	--
ENSG00000206820	5.13E-15	-2.63127	1	1 RNU1-138P	--
ENSG00000206822	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206826	5.13E-15	-2.63127	1	1 RNU6-974P	--
ENSG00000206827	5.13E-15	-2.63127	1	1 RNU6-1032P	--
ENSG00000206828	5.13E-15	-2.63127	1	1 RNVU1-5	--
ENSG00000206833	5.13E-15	-2.63127	1	1 RNU6-20P	--
ENSG00000206834	5.13E-15	-2.63127	1	1 SNORA1	--
ENSG00000206835	5.13E-15	-2.63127	1	1 RNU1-74P	--
ENSG00000206836	5.13E-15	-2.63127	1	1 RNU6-1029P	--
ENSG00000206839	5.13E-15	-2.63127	1	1 RNU6-746P	--
ENSG00000206840	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206841	5.13E-15	-2.63127	1	1 RNU6-409P	--
ENSG00000206842	5.13E-15	-2.63127	1	1 RNU6-413P	--
ENSG00000206843	5.13E-15	-2.63127	1	1 RNU6-206P	--
ENSG00000206844	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206845	5.13E-15	-2.63127	1	1 RNU6-209P	--
ENSG00000206846	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206847	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206849	5.13E-15	-2.63127	1	1 SNORA18	--
ENSG00000206850	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206852	5.13E-15	-2.63127	1	1 RNU6-895P	--
ENSG00000206853	5.13E-15	-2.63127	1	1 SNORA51	--
ENSG00000206854	5.13E-15	-2.63127	1	1 RNY3P5	--
ENSG00000206855	5.13E-15	-2.63127	1	1 RNU6-571P	--
ENSG00000206856	5.13E-15	-2.63127	1	1 RNU6-427P	--
ENSG00000206857	5.13E-15	-2.63127	1	1 RNU6-214P	--
ENSG00000206858	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206862	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206863	5.13E-15	-2.63127	1	1 RNU5A-6P	--
ENSG00000206864	5.13E-15	-2.63127	1	1 RNU6-207P	--
ENSG00000206865	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206866	5.13E-15	-2.63127	1	1 RNU6-187P	--
ENSG00000206867	5.13E-15	-2.63127	1	1 RNU6-356P	--

ENSG00000206869	5.13E-15	-2.63127	1	1 SNORA70F	--
ENSG00000206870	5.13E-15	-2.63127	1	1 RNU6-398P	--
ENSG00000206871	5.13E-15	-2.63127	1	1 RNU6-533P	--
ENSG00000206875	5.13E-15	-2.63127	1	1 RNU6-761P	--
ENSG00000206877	5.13E-15	-2.63127	1	1 RNU6-1103P	--
ENSG00000206880	5.13E-15	-2.63127	1	1 RNU6-1310P	--
ENSG00000206882	5.13E-15	-2.63127	1	1 RNA5SP87	--
ENSG00000206886	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000206888	5.13E-15	-2.63127	1	1 RNU6-48P	--
ENSG00000206889	5.13E-15	-2.63127	1	1 RNU6-1200P	--
ENSG00000206891	5.13E-15	-2.63127	1	1 RNU6-217P	--
ENSG00000206892	5.13E-15	-2.63127	1	1 RNU6-42P	--
ENSG00000206895	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206896	5.13E-15	-2.63127	1	1 RNU6-1124P	--
ENSG00000206898	5.13E-15	-2.63127	1	1 SNORA51	--
ENSG00000206900	5.13E-15	-2.63127	1	1 RNU6-98P	--
ENSG00000206901	5.13E-15	-2.63127	1	1 SNORA72	--
ENSG00000206902	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206903	5.13E-15	-2.63127	1	1 SNORA24	--
ENSG00000206905	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206906	5.13E-15	-2.63127	1	1 RNU6-458P	--
ENSG00000206907	5.13E-15	-2.63127	1	1 RNU6-1013P	--
ENSG00000206908	5.13E-15	-2.63127	1	1 RNU1-136P	--
ENSG00000206909	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000206910	5.13E-15	-2.63127	1	1 SNORA29	--
ENSG00000206911	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206912	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206914	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206915	5.13E-15	-2.63127	1	1 RNU6-439P	--
ENSG00000206917	5.13E-15	-2.63127	1	1 RNU1-52P	--
ENSG00000206918	5.13E-15	-2.63127	1	1 RNU6-1181P	--
ENSG00000206923	5.13E-15	-2.63127	1	1 RNU6-432P	--
ENSG00000206924	5.13E-15	-2.63127	1	1 RNU6-689P	--
ENSG00000206925	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206926	5.13E-15	-2.63127	1	1 RNU6-1024P	--
ENSG00000206927	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206929	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206931	5.13E-15	-2.63127	1	1 RNU6-1042P	--
ENSG00000206932	5.13E-15	-2.63127	1	1 RNU6-4P	--
ENSG00000206935	5.13E-15	-2.63127	1	1 RNU6-514P	--
ENSG00000206936	5.13E-15	-2.63127	1	1 RNU4-52P	--
ENSG00000206938	5.13E-15	-2.63127	1	1 RNU4-31P	--
ENSG00000206939	5.13E-15	-2.63127	1	1 RNU6-281P	--
ENSG00000206941	5.13E-15	-2.63127	1	1 SNORD15A	--
ENSG00000206944	5.13E-15	-2.63127	1	1 RNU6-708P	--
ENSG00000206946	5.13E-15	-2.63127	1	1 RNU6-156P	--
ENSG00000206947	5.13E-15	-2.63127	1	1 SNORA20	--
ENSG00000206948	5.13E-15	-2.63127	1	1 SNORA36A	--
ENSG00000206949	5.13E-15	-2.63127	1	1 RNU6-1324P	--
ENSG00000206950	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206951	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206954	5.13E-15	-2.63127	1	1 RNU6-1201P	--
ENSG00000206957	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206958	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000206959	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206960	5.13E-15	-2.63127	1	1 RNU6-793P	--
ENSG00000206961	5.13E-15	-2.63127	1	1 SNORA51	--
ENSG00000206963	5.13E-15	-2.63127	1	1 RNU6-675P	--

ENSG00000206964	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206965	5.13E-15	-2.63127	1	1 RNU6-5P	--
ENSG00000206967	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206968	5.13E-15	-2.63127	1	1 RNVU1-16	--
ENSG00000206970	5.13E-15	-2.63127	1	1 RNU6-474P	--
ENSG00000206972	5.13E-15	-2.63127	1	1 RNU6-17P	--
ENSG00000206973	5.13E-15	-2.63127	1	1 RNU6-1145P	--
ENSG00000206974	5.13E-15	-2.63127	1	1 RNU6-1144P	--
ENSG00000206975	5.13E-15	-2.63127	1	1 RNU6-13P	--
ENSG00000206976	5.13E-15	-2.63127	1	1 SNORA7	--
ENSG00000206977	5.13E-15	-2.63127	1	1 SNORA8	--
ENSG00000206978	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206979	5.13E-15	-2.63127	1	1 SNORD61	--
ENSG00000206980	5.13E-15	-2.63127	1	1 RNU6-662P	--
ENSG00000206981	5.13E-15	-2.63127	1	1 RNU6-40P	--
ENSG00000206982	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206983	5.13E-15	-2.63127	1	1 RNU6-49P	--
ENSG00000206985	5.13E-15	-2.63127	1	1 RNU6-198P	--
ENSG00000206987	5.13E-15	-2.63127	1	1 U8	--
ENSG00000206990	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206991	5.13E-15	-2.63127	1	1 RNU6-610P	--
ENSG00000206996	5.13E-15	-2.63127	1	1 RNU6-842P	--
ENSG00000206997	5.13E-15	-2.63127	1	1 RNU6-524P	--
ENSG00000206998	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000206999	5.13E-15	-2.63127	1	1 RNU6-622P	--
ENSG00000207000	5.13E-15	-2.63127	1	1 RNU6-820P	--
ENSG00000207001	5.13E-15	-2.63127	1	1 SNORD116-2	--
ENSG00000207002	5.13E-15	-2.63127	1	1 SNORA5	--
ENSG00000207004	5.13E-15	-2.63127	1	1 RNU6-301P	--
ENSG00000207005	5.13E-15	-2.63127	1	1 RNU1-2	--
ENSG00000207007	5.13E-15	-2.63127	1	1 RNU6-891P	--
ENSG00000207010	5.13E-15	-2.63127	1	1 RNU6-1295P	--
ENSG00000207011	5.13E-15	-2.63127	1	1 RNY4P13	--
ENSG00000207012	5.13E-15	-2.63127	1	1 RNU6-72P	--
ENSG00000207013	5.13E-15	-2.63127	1	1 RNU6-804P	--
ENSG00000207014	5.13E-15	-2.63127	1	1 SNORD116-3	--
ENSG00000207016	5.13E-15	-2.63127	1	1 SNORA36C	--
ENSG00000207019	5.13E-15	-2.63127	1	1 RNU6-167P	--
ENSG00000207020	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207022	5.13E-15	-2.63127	1	1 SNORA51	--
ENSG00000207023	5.13E-15	-2.63127	1	1 RNU6-975P	--
ENSG00000207024	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207025	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207026	5.13E-15	-2.63127	1	1 RNU6-472P	--
ENSG00000207027	5.13E-15	-2.63127	1	1 SNORA67	--
ENSG00000207029	5.13E-15	-2.63127	1	1 RNU6-43P	--
ENSG00000207031	5.13E-15	-2.63127	1	1 SNORD59A	--
ENSG00000207032	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207033	5.13E-15	-2.63127	1	1 RNU6-154P	--
ENSG00000207034	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207037	5.13E-15	-2.63127	1	1 RNU6-339P	--
ENSG00000207039	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207041	5.13E-15	-2.63127	1	1 RNU6-3P	--
ENSG00000207044	5.13E-15	-2.63127	1	1 RNU6-1226P	--
ENSG00000207045	5.13E-15	-2.63127	1	1 RNU6-532P	--
ENSG00000207046	5.13E-15	-2.63127	1	1 RNU6-886P	--
ENSG00000207049	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207051	5.13E-15	-2.63127	1	1 SNORA27	--

ENSG00000207053	5.13E-15	-2.63127	1	1 RNU6-937P	--
ENSG00000207056	5.13E-15	-2.63127	1	1 RNU1-8P	--
ENSG00000207058	5.13E-15	-2.63127	1	1 RNU6-784P	--
ENSG00000207060	5.13E-15	-2.63127	1	1 RNU6-480P	--
ENSG00000207061	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207063	5.13E-15	-2.63127	1	1 SNORD116-1	--
ENSG00000207065	5.13E-15	-2.63127	1	1 RNU5A-2P	--
ENSG00000207067	5.13E-15	-2.63127	1	1 SNORA72	--
ENSG00000207068	5.13E-15	-2.63127	1	1 RNU6-463P	--
ENSG00000207069	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207071	5.13E-15	-2.63127	1	1 RNU6-1207P	--
ENSG00000207072	5.13E-15	-2.63127	1	1 RNU6-39P	--
ENSG00000207073	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207075	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207076	5.13E-15	-2.63127	1	1 RNU6-1113P	--
ENSG00000207077	5.13E-15	-2.63127	1	1 RNU6-1119P	--
ENSG00000207080	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207081	5.13E-15	-2.63127	1	1 RNU6-616P	--
ENSG00000207082	5.13E-15	-2.63127	1	1 RNU6-171P	--
ENSG00000207083	5.13E-15	-2.63127	1	1 RNU6-22P	--
ENSG00000207084	5.13E-15	-2.63127	1	1 SNORA72	--
ENSG00000207086	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207087	5.13E-15	-2.63127	1	1 RNU6-242P	--
ENSG00000207089	5.13E-15	-2.63127	1	1 RNU6-921P	--
ENSG00000207090	5.13E-15	-2.63127	1	1 RNU6-517P	--
ENSG00000207091	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207092	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207093	5.13E-15	-2.63127	1	1 SNORD116-8	--
ENSG00000207094	5.13E-15	-2.63127	1	1 SNORA67	--
ENSG00000207095	5.13E-15	-2.63127	1	1 RNU6-424P	--
ENSG00000207097	5.13E-15	-2.63127	1	1 RNU6-614P	--
ENSG00000207098	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000207099	5.13E-15	-2.63127	1	1 RNU6-166P	--
ENSG00000207100	5.13E-15	-2.63127	1	1 SNORA8	--
ENSG00000207101	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207104	5.13E-15	-2.63127	1	1 RNU6-434P	--
ENSG00000207105	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207106	5.13E-15	-2.63127	1	1 RNVU1-4	--
ENSG00000207108	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207109	5.13E-15	-2.63127	1	1 SNORD38	--
ENSG00000207112	5.13E-15	-2.63127	1	1 SNORA25	--
ENSG00000207113	5.13E-15	-2.63127	1	1 RNU6-16P	--
ENSG00000207114	5.13E-15	-2.63127	1	1 RNU6-348P	--
ENSG00000207115	5.13E-15	-2.63127	1	1 RNU6-364P	--
ENSG00000207116	5.13E-15	-2.63127	1	1 RNU6-31P	--
ENSG00000207117	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207118	5.13E-15	-2.63127	1	1 SNORD14D	--
ENSG00000207121	5.13E-15	-2.63127	1	1 RNU6-1230P	--
ENSG00000207122	5.13E-15	-2.63127	1	1 RNU6-591P	--
ENSG00000207123	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207124	5.13E-15	-2.63127	1	1 RNU6-163P	--
ENSG00000207128	5.13E-15	-2.63127	1	1 RNU6-729P	--
ENSG00000207130	5.13E-15	-2.63127	1	1 SNORA24	--
ENSG00000207131	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207132	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207133	5.13E-15	-2.63127	1	1 SNORD116-7	--
ENSG00000207134	5.13E-15	-2.63127	1	1 RNU6-106P	--
ENSG00000207135	5.13E-15	-2.63127	1	1 RNU6-452P	--

ENSG00000207136	5.13E-15	-2.63127	1	1 RNU6-769P	--
ENSG00000207137	5.13E-15	-2.63127	1	1 SNORD116-13	--
ENSG00000207138	5.13E-15	-2.63127	1	1 RNU6-869P	--
ENSG00000207139	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207141	5.13E-15	-2.63127	1	1 RNU6-802P	--
ENSG00000207142	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207144	5.13E-15	-2.63127	1	1 RNU6-1297P	--
ENSG00000207145	5.13E-15	-2.63127	1	1 SNORA18	--
ENSG00000207147	5.13E-15	-2.63127	1	1 SNORA51	--
ENSG00000207148	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207149	5.13E-15	-2.63127	1	1 RNU6-465P	--
ENSG00000207150	5.13E-15	-2.63127	1	1 RNU6-185P	--
ENSG00000207153	5.13E-15	-2.63127	1	1 RNU6-933P	--
ENSG00000207154	5.13E-15	-2.63127	1	1 RNU1-46P	--
ENSG00000207155	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207156	5.13E-15	-2.63127	1	1 RNU6-505P	--
ENSG00000207157	5.13E-15	-2.63127	1	1 RNY3P4	--
ENSG00000207158	5.13E-15	-2.63127	1	1 RNU6-929P	--
ENSG00000207160	5.13E-15	-2.63127	1	1 RNU6-1289P	--
ENSG00000207161	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207162	5.13E-15	-2.63127	1	1 RNU6-549P	--
ENSG00000207163	5.13E-15	-2.63127	1	1 RNU6-905P	--
ENSG00000207164	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207165	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000207166	5.13E-15	-2.63127	1	1 SNORA68	--
ENSG00000207167	5.13E-15	-2.63127	1	1 RNU6-1340P	--
ENSG00000207168	5.13E-15	-2.63127	1	1 SNORA15	--
ENSG00000207169	5.13E-15	-2.63127	1	1 RNU6-24P	--
ENSG00000207170	5.13E-15	-2.63127	1	1 RNU6-1215P	--
ENSG00000207172	5.13E-15	-2.63127	1	1 RNU6-1162P	--
ENSG00000207173	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207174	5.13E-15	-2.63127	1	1 SNORD116-15	--
ENSG00000207176	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207177	5.13E-15	-2.63127	1	1 SNORA51	--
ENSG00000207178	5.13E-15	-2.63127	1	1 RNU6-1122P	--
ENSG00000207180	5.13E-15	-2.63127	1	1 RNU6-411P	--
ENSG00000207182	5.13E-15	-2.63127	1	1 RNU1-44P	--
ENSG00000207183	5.13E-15	-2.63127	1	1 RNU6-843P	--
ENSG00000207184	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207185	5.13E-15	-2.63127	1	1 RNU6-1157P	--
ENSG00000207187	5.13E-15	-2.63127	1	1 SNORA64	--
ENSG00000207188	5.13E-15	-2.63127	1	1 RNU6-569P	--
ENSG00000207189	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207190	5.13E-15	-2.63127	1	1 RNU6-809P	--
ENSG00000207191	5.13E-15	-2.63127	1	1 SNORD116-5	--
ENSG00000207192	5.13E-15	-2.63127	1	1 RNU6-649P	--
ENSG00000207193	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207194	5.13E-15	-2.63127	1	1 RNU6-1026P	--
ENSG00000207195	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207196	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207197	5.13E-15	-2.63127	1	1 SNORD116-12	--
ENSG00000207198	5.13E-15	-2.63127	1	1 RNU6-1195P	--
ENSG00000207199	5.13E-15	-2.63127	1	1 SNORD38	--
ENSG00000207200	5.13E-15	-2.63127	1	1 RNU6-45P	--
ENSG00000207201	5.13E-15	-2.63127	1	1 RNU1-148P	--
ENSG00000207202	5.13E-15	-2.63127	1	1 RNU6-800P	--
ENSG00000207203	5.13E-15	-2.63127	1	1 RNU6-71P	--
ENSG00000207204	5.13E-15	-2.63127	1	1 RNU6-393P	--

ENSG00000207205	5.13E-15	-2.63127	1	1 RNVU1-15	--
ENSG00000207206	5.13E-15	-2.63127	1	1 RNU6-1035P	--
ENSG00000207207	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207208	5.13E-15	-2.63127	1	1 RNU6-790P	--
ENSG00000207209	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207210	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207212	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207213	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207214	5.13E-15	-2.63127	1	1 RNU6-102P	--
ENSG00000207215	5.13E-15	-2.63127	1	1 U3	--
ENSG00000207220	5.13E-15	-2.63127	1	1 RNU1-57P	--
ENSG00000207221	5.13E-15	-2.63127	1	1 SNORA70E	--
ENSG00000207222	5.13E-15	-2.63127	1	1 RNU6-456P	--
ENSG00000207223	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207225	5.13E-15	-2.63127	1	1 RNU6-692P	--
ENSG00000207227	5.13E-15	-2.63127	1	1 RNU6-900P	--
ENSG00000207229	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207231	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207235	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207237	5.13E-15	-2.63127	1	1 RNU6-110P	--
ENSG00000207241	5.13E-15	-2.63127	1	1 SNORD45A	--
ENSG00000207242	5.13E-15	-2.63127	1	1 RNU6-1065P	--
ENSG00000207243	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207244	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000207245	5.13E-15	-2.63127	1	1 SNORD116-29	--
ENSG00000207247	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207248	5.13E-15	-2.63127	1	1 RNU6-1005P	--
ENSG00000207249	5.13E-15	-2.63127	1	1 SNORA72	--
ENSG00000207251	5.13E-15	-2.63127	1	1 RNU6-342P	--
ENSG00000207252	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207255	5.13E-15	-2.63127	1	1 RNU6-1117P	--
ENSG00000207256	5.13E-15	-2.63127	1	1 RNU6-880P	--
ENSG00000207257	5.13E-15	-2.63127	1	1 RNU6-18P	--
ENSG00000207258	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207260	5.13E-15	-2.63127	1	1 RNU6-35P	--
ENSG00000207261	5.13E-15	-2.63127	1	1 RNU6-738P	--
ENSG00000207263	5.13E-15	-2.63127	1	1 SNORD116-16	--
ENSG00000207264	5.13E-15	-2.63127	1	1 RNU6-15P	--
ENSG00000207265	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207266	5.13E-15	-2.63127	1	1 RNU6-1241P	--
ENSG00000207267	5.13E-15	-2.63127	1	1 RNU6-1081P	--
ENSG00000207268	5.13E-15	-2.63127	1	1 SNORA70C	--
ENSG00000207269	5.13E-15	-2.63127	1	1 RN7SKP62	--
ENSG00000207270	5.13E-15	-2.63127	1	1 RNU6-601P	--
ENSG00000207271	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207274	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000207275	5.13E-15	-2.63127	1	1 RNU6-441P	--
ENSG00000207276	5.13E-15	-2.63127	1	1 RNU6-1160P	--
ENSG00000207277	5.13E-15	-2.63127	1	1 RNA5SP284	--
ENSG00000207278	5.13E-15	-2.63127	1	1 RNU6-831P	--
ENSG00000207279	5.13E-15	-2.63127	1	1 SNORD116-24	--
ENSG00000207282	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207283	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207286	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207287	5.13E-15	-2.63127	1	1 RNU6-1274P	--
ENSG00000207289	5.13E-15	-2.63127	1	1 RNU6-1235P	--
ENSG00000207290	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207291	5.13E-15	-2.63127	1	1 RNU6-30P	--

ENSG00000207292	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207293	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207294	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207295	5.13E-15	-2.63127	1	1 RNU6-851P	--
ENSG00000207296	5.13E-15	-2.63127	1	1 RNU6-140P	--
ENSG00000207298	5.13E-15	-2.63127	1	1 RNU6-83P	--
ENSG00000207299	5.13E-15	-2.63127	1	1 SNORD56	--
ENSG00000207300	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207302	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207303	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207304	5.13E-15	-2.63127	1	1 SNORA8	--
ENSG00000207305	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207306	5.13E-15	-2.63127	1	1 RNU6-1152P	--
ENSG00000207307	5.13E-15	-2.63127	1	1 RNU6-145P	--
ENSG00000207308	5.13E-15	-2.63127	1	1 RNU6-878P	--
ENSG00000207309	5.13E-15	-2.63127	1	1 RNU4-70P	--
ENSG00000207310	5.13E-15	-2.63127	1	1 RNU6-1127P	--
ENSG00000207312	5.13E-15	-2.63127	1	1 RNU6-429P	--
ENSG00000207316	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207317	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207318	5.13E-15	-2.63127	1	1 RNU6-1184P	--
ENSG00000207319	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207320	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207321	5.13E-15	-2.63127	1	1 RNU6-160P	--
ENSG00000207322	5.13E-15	-2.63127	1	1 RNU1-89P	--
ENSG00000207323	5.13E-15	-2.63127	1	1 RNU6-901P	--
ENSG00000207325	5.13E-15	-2.63127	1	1 RNY1P4	--
ENSG00000207326	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207327	5.13E-15	-2.63127	1	1 RNU6-883P	--
ENSG00000207328	5.13E-15	-2.63127	1	1 RNU6-636P	--
ENSG00000207329	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207330	5.13E-15	-2.63127	1	1 RNU6-73P	--
ENSG00000207331	5.13E-15	-2.63127	1	1 RNU6-1263P	--
ENSG00000207332	5.13E-15	-2.63127	1	1 RNU6-146P	--
ENSG00000207333	5.13E-15	-2.63127	1	1 RNU6-680P	--
ENSG00000207334	5.13E-15	-2.63127	1	1 RNU6-12P	--
ENSG00000207336	5.13E-15	-2.63127	1	1 RNU6-658P	--
ENSG00000207338	5.13E-15	-2.63127	1	1 RNU6-296P	--
ENSG00000207339	5.13E-15	-2.63127	1	1 RNU1-69P	--
ENSG00000207340	5.13E-15	-2.63127	1	1 RNVU1-10	--
ENSG00000207341	5.13E-15	-2.63127	1	1 RNA5SP64	--
ENSG00000207343	5.13E-15	-2.63127	1	1 RNU6-225P	--
ENSG00000207344	5.13E-15	-2.63127	1	1 SNORA22	--
ENSG00000207345	5.13E-15	-2.63127	1	1 RNU6-1222P	--
ENSG00000207347	5.13E-15	-2.63127	1	1 RNU6-306P	--
ENSG00000207349	5.13E-15	-2.63127	1	1 RNVU1-17	--
ENSG00000207351	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207352	5.13E-15	-2.63127	1	1 RNU6-540P	--
ENSG00000207355	5.13E-15	-2.63127	1	1 RNU6-1257P	--
ENSG00000207356	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207359	5.13E-15	-2.63127	1	1 RNU6-925P	--
ENSG00000207360	5.13E-15	-2.63127	1	1 RNU6-14P	--
ENSG00000207361	5.13E-15	-2.63127	1	1 RNU6-178P	--
ENSG00000207362	5.13E-15	-2.63127	1	1 RNU6-422P	--
ENSG00000207363	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207364	5.13E-15	-2.63127	1	1 RNU6-939P	--
ENSG00000207365	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207366	5.13E-15	-2.63127	1	1 RNU6-297P	--

ENSG00000207367	5.13E-15	-2.63127	1	1 RNU6-29P	--
ENSG00000207368	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207369	5.13E-15	-2.63127	1	1 RNU6-665P	--
ENSG00000207371	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207375	5.13E-15	-2.63127	1	1 SNORD116-23	--
ENSG00000207378	5.13E-15	-2.63127	1	1 RNU6-748P	--
ENSG00000207379	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207381	5.13E-15	-2.63127	1	1 RNU6-950P	--
ENSG00000207382	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207384	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207385	5.13E-15	-2.63127	1	1 RNU6-310P	--
ENSG00000207386	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207387	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207389	5.13E-15	-2.63127	1	1 RNU1-4	--
ENSG00000207390	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207391	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207392	5.13E-15	-2.63127	1	1 SNORA20	--
ENSG00000207393	5.13E-15	-2.63127	1	1 RNU6-136P	--
ENSG00000207394	5.13E-15	-2.63127	1	1 RNU6-1060P	--
ENSG00000207395	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207397	5.13E-15	-2.63127	1	1 RNU6-1179P	--
ENSG00000207401	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207402	5.13E-15	-2.63127	1	1 RNU6-959P	--
ENSG00000207403	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207404	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207405	5.13E-15	-2.63127	1	1 SNORA64	--
ENSG00000207406	5.13E-15	-2.63127	1	1 SNORA41	--
ENSG00000207407	5.13E-15	-2.63127	1	1 SNORA1	--
ENSG00000207408	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207410	5.13E-15	-2.63127	1	1 SNORA8	--
ENSG00000207411	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207412	5.13E-15	-2.63127	1	1 RNU6-455P	--
ENSG00000207414	5.13E-15	-2.63127	1	1 RNU6-768P	--
ENSG00000207415	5.13E-15	-2.63127	1	1 RNU6-1151P	--
ENSG00000207416	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207417	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207418	5.13E-15	-2.63127	1	1 RNVU1-7	--
ENSG00000207420	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207421	5.13E-15	-2.63127	1	1 SNORD38B	--
ENSG00000207422	5.13E-15	-2.63127	1	1 RNU6-813P	--
ENSG00000207426	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207428	5.13E-15	-2.63127	1	1 RNU6-95P	--
ENSG00000207430	5.13E-15	-2.63127	1	1 U8	--
ENSG00000207431	5.13E-15	-2.63127	1	1 RNU6-906P	--
ENSG00000207432	5.13E-15	-2.63127	1	1 U8	--
ENSG00000207433	5.13E-15	-2.63127	1	1 RNU6-246P	--
ENSG00000207434	5.13E-15	-2.63127	1	1 RNU6-1072P	--
ENSG00000207435	5.13E-15	-2.63127	1	1 RNU6-114P	--
ENSG00000207439	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207440	5.13E-15	-2.63127	1	1 RNU6-541P	--
ENSG00000207441	5.13E-15	-2.63127	1	1 RNU6-21P	--
ENSG00000207442	5.13E-15	-2.63127	1	1 SNORD116-6	--
ENSG00000207443	5.13E-15	-2.63127	1	1 RNU6-417P	--
ENSG00000207444	5.13E-15	-2.63127	1	1 SNORD56B	--
ENSG00000207448	5.13E-15	-2.63127	1	1 RNU6-520P	--
ENSG00000207449	5.13E-15	-2.63127	1	1 RNU6-19P	--
ENSG00000207451	5.13E-15	-2.63127	1	1 RNU6-291P	--
ENSG00000207452	5.13E-15	-2.63127	1	1 RNU6-606P	--

ENSG00000207453	5.13E-15	-2.63127	1	1 RNU6-535P	--
ENSG00000207454	5.13E-15	-2.63127	1	1 RNU6-1104P	--
ENSG00000207456	5.13E-15	-2.63127	1	1 RNU6-997P	--
ENSG00000207458	5.13E-15	-2.63127	1	1 RNY3P9	--
ENSG00000207459	5.13E-15	-2.63127	1	1 RNU6-1311P	--
ENSG00000207460	5.13E-15	-2.63127	1	1 SNORD116-19	--
ENSG00000207461	5.13E-15	-2.63127	1	1 RNU6-253P	--
ENSG00000207462	5.13E-15	-2.63127	1	1 RNU6-376P	--
ENSG00000207465	5.13E-15	-2.63127	1	1 RNU6-734P	--
ENSG00000207466	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207472	5.13E-15	-2.63127	1	1 RNU6-41P	--
ENSG00000207473	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207474	5.13E-15	-2.63127	1	1 RNY1P7	--
ENSG00000207475	5.13E-15	-2.63127	1	1 SNORA42	--
ENSG00000207476	5.13E-15	-2.63127	1	1 RNU6-286P	--
ENSG00000207477	5.13E-15	-2.63127	1	1 RNU6-318P	--
ENSG00000207480	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207481	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207483	5.13E-15	-2.63127	1	1 RNU6-1067P	--
ENSG00000207484	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207486	5.13E-15	-2.63127	1	1 RNU6-1044P	--
ENSG00000207488	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207490	5.13E-15	-2.63127	1	1 RNU6-987P	--
ENSG00000207491	5.13E-15	-2.63127	1	1 RNU6-423P	--
ENSG00000207492	5.13E-15	-2.63127	1	1 RNU6-713P	--
ENSG00000207493	5.13E-15	-2.63127	1	1 SNORA46	--
ENSG00000207494	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207495	5.13E-15	-2.63127	1	1 RNY3P10	--
ENSG00000207496	5.13E-15	-2.63127	1	1 SNORA7A	--
ENSG00000207497	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207499	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207500	5.13E-15	-2.63127	1	1 SNORD102	--
ENSG00000207501	5.13E-15	-2.63127	1	1 RNVI1-14	--
ENSG00000207502	5.13E-15	-2.63127	1	1 SNORA42	--
ENSG00000207503	5.13E-15	-2.63127	1	1 SNORA32	--
ENSG00000207504	5.13E-15	-2.63127	1	1 RNU6-1031P	--
ENSG00000207505	5.13E-15	-2.63127	1	1 RNU6-1105P	--
ENSG00000207507	5.13E-15	-2.63127	1	1 RNU6-9	--
ENSG00000207508	5.13E-15	-2.63127	1	1 RNU6-1237P	--
ENSG00000207511	5.13E-15	-2.63127	1	1 RNU6-771P	--
ENSG00000207513	5.13E-15	-2.63127	1	1 RNU1-3	--
ENSG00000207514	5.13E-15	-2.63127	1	1 RNU6-385P	--
ENSG00000207515	5.13E-15	-2.63127	1	1 RNU6-555P	--
ENSG00000207516	5.13E-15	-2.63127	1	1 SNORA41	--
ENSG00000207518	5.13E-15	-2.63127	1	1 RNU6-59P	--
ENSG00000207524	5.13E-15	-2.63127	1	1 RNU6-33P	--
ENSG00000207525	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000207546	5.13E-15	-2.63127	1	1 MIR548C	--
ENSG00000207548	5.13E-15	-2.63127	1	1 MIR217	--
ENSG00000207549	5.13E-15	-2.63127	1	1 MIR521-2	--
ENSG00000207550	5.13E-15	-2.63127	1	1 MIR99B	--
ENSG00000207551	5.13E-15	-2.63127	1	1 MIR608	--
ENSG00000207552	5.13E-15	-2.63127	1	1 MIR633	--
ENSG00000207553	5.13E-15	-2.63127	1	1 MIR518C	--
ENSG00000207555	5.13E-15	-2.63127	1	1 MIR520F	--
ENSG00000207556	5.13E-15	-2.63127	1	1 MIR636	--
ENSG00000207558	5.13E-15	-2.63127	1	1 MIR487A	--
ENSG00000207559	5.13E-15	-2.63127	1	1 MIR578	--

ENSG00000207562	5.13E-15	-2.63127	1	1	MIR34C	--
ENSG00000207569	5.13E-15	-2.63127	1	1	MIR433	--
ENSG00000207571	5.13E-15	-2.63127	1	1	MIR615	--
ENSG00000207572	5.13E-15	-2.63127	1	1	MIR363	--
ENSG00000207573	5.13E-15	-2.63127	1	1	MIR550A2	--
ENSG00000207574	5.13E-15	-2.63127	1	1	MIR661	--
ENSG00000207577	5.13E-15	-2.63127	1	1	MIR587	--
ENSG00000207578	5.13E-15	-2.63127	1	1	MIR583	--
ENSG00000207579	5.13E-15	-2.63127	1	1	MIR662	--
ENSG00000207580	5.13E-15	-2.63127	1	1	MIR526B	--
ENSG00000207581	5.13E-15	-2.63127	1	1	MIR199B	--
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ENSG00000207586	5.13E-15	-2.63127	1	1	MIR135A2	--
ENSG00000207587	5.13E-15	-2.63127	1	1	MIR544A	--
ENSG00000207589	5.13E-15	-2.63127	1	1	MIR508	--
ENSG00000207590	5.13E-15	-2.63127	1	1	MIR215	--
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ENSG00000207595	5.13E-15	-2.63127	1	1	MIR181A2	--
ENSG00000207597	5.13E-15	-2.63127	1	1	MIR490	--
ENSG00000207598	5.13E-15	-2.63127	1	1	MIR124-3	--
ENSG00000207599	5.13E-15	-2.63127	1	1	MIR520E	--
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ENSG00000207617	5.13E-15	-2.63127	1	1	MIR3074	--
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ENSG00000207621	5.13E-15	-2.63127	1	1	MIR224	--
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ENSG00000207626	5.13E-15	-2.63127	1	1	MIR562	--
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ENSG00000207628	5.13E-15	-2.63127	1	1	MIR651	--
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ENSG00000207636	5.13E-15	-2.63127	1	1	MIR631	--
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ENSG00000207638	5.13E-15	-2.63127	1	1	MIR99A	--
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ENSG00000207688	5.13E-15	-2.63127	1	1 MIR548AA2	--
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ENSG00000207733	5.13E-15	-2.63127	1	1 MIR637	--
ENSG00000207734	5.13E-15	-2.63127	1	1 MIR517A	--
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ENSG00000207747	5.13E-15	-2.63127	1	1 MIR518D	--
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ENSG00000207767	5.13E-15	-2.63127	1	1 MIR516A1	--
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ENSG00000207798	5.13E-15	-2.63127	1	1 MIR216A	--
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ENSG00000207803	5.13E-15	-2.63127	1	1 MIR518A1	--
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ENSG00000207813	5.13E-15	-2.63127	1	1 MIR605	--
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ENSG00000207827	5.13E-15	-2.63127	1	1 MIR30A	--
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ENSG00000207983	5.13E-15	-2.63127	1	1 MIR613	--
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ENSG00000208003	5.13E-15	-2.63127	1	1 MIR549	--
ENSG00000208004	5.13E-15	-2.63127	1	1 MIR323B	--
ENSG00000208006	5.13E-15	-2.63127	1	1 MIR16-1	--
ENSG00000208008	5.13E-15	-2.63127	1	1 MIR125A	--
ENSG00000208009	5.13E-15	-2.63127	1	1 MIR130A	--
ENSG00000208012	5.13E-15	-2.63127	1	1 MIRLET7F2	--
ENSG00000208013	5.13E-15	-2.63127	1	1 MIR652	--
ENSG00000208014	5.13E-15	-2.63127	1	1 MIR653	--
ENSG00000208015	5.13E-15	-2.63127	1	1 MIR362	--
ENSG00000208016	5.13E-15	-2.63127	1	1 MIR523	--
ENSG00000208017	5.13E-15	-2.63127	1	1 MIR140	--
ENSG00000208022	5.13E-15	-2.63127	1	1 MIR618	--
ENSG00000208023	5.13E-15	-2.63127	1	1 MIR185	--
ENSG00000208024	5.13E-15	-2.63127	1	1 MIR199A2	--
ENSG00000208025	5.13E-15	-2.63127	1	1 MIR591	--
ENSG00000208027	5.13E-15	-2.63127	1	1 MIR485	--
ENSG00000208032	5.13E-15	-2.63127	1	1 MIR548A3	--
ENSG00000208033	5.13E-15	-2.63127	1	1 MIR609	--
ENSG00000208034	5.13E-15	-2.63127	1	1 MIR92A2	--
ENSG00000208035	5.13E-15	-2.63127	1	1 MIR143	--
ENSG00000208037	5.13E-15	-2.63127	1	1 MIR320A	--
ENSG00000208038	5.13E-15	-2.63127	1	1 MIR492	--
ENSG00000208308	5.13E-15	-2.63127	1	1 SNORA40	--
ENSG00000208797	5.13E-15	-2.63127	1	1 SNORD73A	--
ENSG00000208839	5.13E-15	-2.63127	1	1 SNORA35	--
ENSG00000208883	5.13E-15	-2.63127	1	1 SNORD96B	--
ENSG00000208892	5.13E-15	-2.63127	1	1 SNORA49	--
ENSG00000209082	5.13E-15	-2.63127	1	1 MT-TL1	--
ENSG00000209480	5.13E-15	-2.63127	1	1 SNORD83B	--
ENSG00000209582	5.13E-15	-2.63127	1	1 SNORA48	--
ENSG00000209645	5.13E-15	-2.63127	1	1 SNORD105	--
ENSG00000209702	5.13E-15	-2.63127	1	1 SNORD41	--
ENSG00000210049	5.13E-15	-2.63127	1	1 MT-TF	--
ENSG00000210077	5.13E-15	-2.63127	1	1 MT-TV	--
ENSG00000210100	5.13E-15	-2.63127	1	1 MT-TI	--
ENSG00000210107	5.13E-15	-2.63127	1	1 MT-TQ	--

ENSG00000210112	5.13E-15	-2.63127	1	1 MT-TM	-
ENSG00000210117	5.13E-15	-2.63127	1	1 MT-TW	-
ENSG00000210127	5.13E-15	-2.63127	1	1 MT-TA	-
ENSG00000210135	5.13E-15	-2.63127	1	1 MT-TN	-
ENSG00000210140	5.13E-15	-2.63127	1	1 MT-TC	-
ENSG00000210144	5.13E-15	-2.63127	1	1 MT-TY	-
ENSG00000210151	5.13E-15	-2.63127	1	1 MT-TS1	-
ENSG00000210154	5.13E-15	-2.63127	1	1 MT-TD	-
ENSG00000210156	5.13E-15	-2.63127	1	1 MT-TK	-
ENSG00000210164	5.13E-15	-2.63127	1	1 MT-TG	-
ENSG00000210174	5.13E-15	-2.63127	1	1 MT-TR	-
ENSG00000210176	5.13E-15	-2.63127	1	1 MT-TH	-
ENSG00000210181	5.13E-15	-2.63127	1	1 RNU6ATAC4P	-
ENSG00000210184	5.13E-15	-2.63127	1	1 MT-TS2	-
ENSG00000210191	5.13E-15	-2.63127	1	1 MT-TL2	-
ENSG00000210194	5.13E-15	-2.63127	1	1 MT-TE	-
ENSG00000210195	5.13E-15	-2.63127	1	1 MT-TT	-
ENSG00000210678	5.13E-15	-2.63127	1	1 RNU6ATAC2P	-
ENSG00000210709	5.13E-15	-2.63127	1	1 RNU6ATAC3P	-
ENSG00000210741	5.13E-15	-2.63127	1	1 MIR196A1	-
ENSG00000210825	5.13E-15	-2.63127	1	1 SNORA40	-
ENSG00000210839	5.13E-15	-2.63127	1	1 RNU6ATAC5P	-
ENSG00000210841	5.13E-15	-2.63127	1	1 RNU6ATAC26P	-
ENSG00000211137	5.13E-15	-2.63127	1	1 MIR190A	-
ENSG00000211482	5.13E-15	-2.63127	1	1 AC092574.1	-
ENSG00000211483	5.13E-15	-2.63127	1	1 AC018450.1	-
ENSG00000211495	5.13E-15	-2.63127	1	1 AL009174.1	-
ENSG00000211498	5.13E-15	-2.63127	1	1 AC093311.1	-
ENSG00000211499	5.13E-15	-2.63127	1	1 AC110056.1	-
ENSG00000211508	5.13E-15	-2.63127	1	1 AL359538.1	-
ENSG00000211510	5.13E-15	-2.63127	1	1 AL590726.1	-
ENSG00000211514	5.13E-15	-2.63127	1	1 MIR454	-
ENSG00000211515	5.13E-15	-2.63127	1	1 AC079005.1	-
ENSG00000211517	5.13E-15	-2.63127	1	1 MIR671	-
ENSG00000211518	5.13E-15	-2.63127	1	1 AC006988.1	-
ENSG00000211519	5.13E-15	-2.63127	1	1 MIR147B	-
ENSG00000211520	5.13E-15	-2.63127	1	1 MIR216B	-
ENSG00000211524	5.13E-15	-2.63127	1	1 MIR718	-
ENSG00000211525	5.13E-15	-2.63127	1	1 BX323860.1	-
ENSG00000211526	5.13E-15	-2.63127	1	1 AL121869.1	-
ENSG00000211528	5.13E-15	-2.63127	1	1 AP001525.1	-
ENSG00000211530	5.13E-15	-2.63127	1	1 AL354933.1	-
ENSG00000211532	5.13E-15	-2.63127	1	1 MIR526A2	-
ENSG00000211534	5.13E-15	-2.63127	1	1 AL121588.1	-
ENSG00000211535	5.13E-15	-2.63127	1	1 MIR711	-
ENSG00000211538	5.13E-15	-2.63127	1	1 MIR501	-
ENSG00000211542	5.13E-15	-2.63127	1	1 AC007436.1	-
ENSG00000211543	5.13E-15	-2.63127	1	1 MIR320B1	-
ENSG00000211544	5.13E-15	-2.63127	1	1 AC069286.1	-
ENSG00000211553	5.13E-15	-2.63127	1	1 AC118278.1	-
ENSG00000211554	5.13E-15	-2.63127	1	1 AC096645.1	-
ENSG00000211556	5.13E-15	-2.63127	1	1 AL157702.1	-
ENSG00000211562	5.13E-15	-2.63127	1	1 AC103686.1	-
ENSG00000211563	5.13E-15	-2.63127	1	1 MIR338	-
ENSG00000211566	5.13E-15	-2.63127	1	1 AC114788.1	-
ENSG00000211568	5.13E-15	-2.63127	1	1 MIR670	-
ENSG00000211571	5.13E-15	-2.63127	1	1 AC010525.2	-
ENSG00000211573	5.13E-15	-2.63127	1	1 AC125238.1	-

ENSG00000211574	5.13E-15	-2.63127	1	1 MIR770	--
ENSG00000211575	5.13E-15	-2.63127	1	1 MIR760	--
ENSG00000211577	5.13E-15	-2.63127	1	1 AC090673.1	--
ENSG00000211578	5.13E-15	-2.63127	1	1 MIR766	--
ENSG00000211579	5.13E-15	-2.63127	1	1 MIR759	--
ENSG00000211580	5.13E-15	-2.63127	1	1 MIR769	--
ENSG00000211582	5.13E-15	-2.63127	1	1 MIR758	--
ENSG00000211583	5.13E-15	-2.63127	1	1 MIR767	--
ENSG00000211588	5.13E-15	-2.63127	1	1 AL023913.1	--
ENSG00000211590	5.13E-15	-2.63127	1	1 MIR802	--
ENSG00000211591	5.13E-15	-2.63127	1	1 MIR762	--
ENSG00000211592	5.13E-15	-2.63127	1	1 IGKC	--
ENSG00000211593	5.13E-15	-2.63127	1	1 IGKJ5	--
ENSG00000211594	5.13E-15	-2.63127	1	1 IGKJ4	--
ENSG00000211595	5.13E-15	-2.63127	1	1 IGKJ3	--
ENSG00000211596	5.13E-15	-2.63127	1	1 IGKJ2	--
ENSG00000211597	5.13E-15	-2.63127	1	1 IGKJ1	--
ENSG00000211598	5.13E-15	-2.63127	1	1 IGKV4-1	--
ENSG00000211599	5.13E-15	-2.63127	1	1 IGKV5-2	--
ENSG00000211611	5.13E-15	-2.63127	1	1 IGKV6-21	--
ENSG00000211619	5.13E-15	-2.63127	1	1 IGKV2-40	--
ENSG00000211623	5.13E-15	-2.63127	1	1 IGKV2D-26	--
ENSG00000211625	5.13E-15	-2.63127	1	1 IGKV3D-20	--
ENSG00000211626	5.13E-15	-2.63127	1	1 IGKV6D-41	--
ENSG00000211630	5.13E-15	-2.63127	1	1 IGKV1D-13	--
ENSG00000211632	5.13E-15	-2.63127	1	1 IGKV3D-11	--
ENSG00000211633	5.13E-15	-2.63127	1	1 IGKV1D-42	--
ENSG00000211637	5.13E-15	-2.63127	1	1 IGLV4-69	K06553
ENSG00000211638	5.13E-15	-2.63127	1	1 IGLV8-61	--
ENSG00000211639	5.13E-15	-2.63127	1	1 IGLV4-60	--
ENSG00000211640	5.13E-15	-2.63127	1	1 IGLV6-57	K06553
ENSG00000211641	5.13E-15	-2.63127	1	1 IGLV11-55	K06553
ENSG00000211642	5.13E-15	-2.63127	1	1 IGLV10-54	K06553
ENSG00000211643	5.13E-15	-2.63127	1	1 IGLV5-52	K06553
ENSG00000211645	5.13E-15	-2.63127	1	1 IGLV1-50	--
ENSG00000211647	5.13E-15	-2.63127	1	1 IGLV5-48	K06553
ENSG00000211648	5.13E-15	-2.63127	1	1 IGLV1-47	--
ENSG00000211649	5.13E-15	-2.63127	1	1 IGLV7-46	--
ENSG00000211650	5.13E-15	-2.63127	1	1 IGLV5-45	K06553
ENSG00000211651	5.13E-15	-2.63127	1	1 IGLV1-44	--
ENSG00000211652	5.13E-15	-2.63127	1	1 IGLV7-43	--
ENSG00000211653	5.13E-15	-2.63127	1	1 IGLV1-40	--
ENSG00000211654	5.13E-15	-2.63127	1	1 IGLV5-37	K06553
ENSG00000211655	5.13E-15	-2.63127	1	1 IGLV1-36	--
ENSG00000211656	5.13E-15	-2.63127	1	1 IGLV2-33	--
ENSG00000211657	5.13E-15	-2.63127	1	1 IGLV3-32	K06554
ENSG00000211658	5.13E-15	-2.63127	1	1 IGLV3-27	K06554
ENSG00000211659	5.13E-15	-2.63127	1	1 IGLV3-25	K06554
ENSG00000211660	5.13E-15	-2.63127	1	1 IGLV2-23	K06553
ENSG00000211661	5.13E-15	-2.63127	1	1 IGLV3-22	--
ENSG00000211662	5.13E-15	-2.63127	1	1 IGLV3-21	K06554
ENSG00000211663	5.13E-15	-2.63127	1	1 IGLV3-19	--
ENSG00000211664	5.13E-15	-2.63127	1	1 IGLV2-18	K06553
ENSG00000211665	5.13E-15	-2.63127	1	1 IGLV3-16	K06554
ENSG00000211666	5.13E-15	-2.63127	1	1 IGLV2-14	K06553
ENSG00000211667	5.13E-15	-2.63127	1	1 IGLV3-12	K06554
ENSG00000211668	5.13E-15	-2.63127	1	1 IGLV2-11	--
ENSG00000211669	5.13E-15	-2.63127	1	1 IGLV3-10	--

ENSG00000211670	5.13E-15	-2.63127	1	1 IGLV3-9	K06554
ENSG00000211671	5.13E-15	-2.63127	1	1 IGLV2-8	-
ENSG00000211672	5.13E-15	-2.63127	1	1 IGLV4-3	-
ENSG00000211673	5.13E-15	-2.63127	1	1 IGLV3-1	K06554
ENSG00000211674	5.13E-15	-2.63127	1	1 IGLJ1	-
ENSG00000211675	5.13E-15	-2.63127	1	1 IGLC1	K06554
ENSG00000211676	5.13E-15	-2.63127	1	1 IGLJ2	-
ENSG00000211677	5.13E-15	-2.63127	1	1 IGLC2	K06554
ENSG00000211678	5.13E-15	-2.63127	1	1 IGLJ3	-
ENSG00000211679	5.13E-15	-2.63127	1	1 IGLC3	K06554
ENSG00000211680	5.13E-15	-2.63127	1	1 IGLJ4	-
ENSG00000211681	5.13E-15	-2.63127	1	1 IGLJ5	-
ENSG00000211682	5.13E-15	-2.63127	1	1 IGLJ6	-
ENSG00000211684	5.13E-15	-2.63127	1	1 IGLJ7	-
ENSG00000211685	5.13E-15	-2.63127	1	1 IGLC7	K06554
ENSG00000211687	5.13E-15	-2.63127	1	1 TRGJ2	-
ENSG00000211688	5.13E-15	-2.63127	1	1 TRGJP2	-
ENSG00000211690	5.13E-15	-2.63127	1	1 TRGJ1	-
ENSG00000211691	5.13E-15	-2.63127	1	1 TRGJP	-
ENSG00000211692	5.13E-15	-2.63127	1	1 TRGJP1	-
ENSG00000211693	5.13E-15	-2.63127	1	1 TRGV11	-
ENSG00000211694	5.13E-15	-2.63127	1	1 TRGV10	-
ENSG00000211695	5.13E-15	-2.63127	1	1 TRGV9	-
ENSG00000211696	5.13E-15	-2.63127	1	1 TRGV8	-
ENSG00000211697	5.13E-15	-2.63127	1	1 TRGV5	-
ENSG00000211698	5.13E-15	-2.63127	1	1 TRGV4	-
ENSG00000211699	5.13E-15	-2.63127	1	1 TRGV3	-
ENSG00000211701	5.13E-15	-2.63127	1	1 TRGV1	-
ENSG00000211706	5.13E-15	-2.63127	1	1 TRBV6-1	K10785
ENSG00000211707	5.13E-15	-2.63127	1	1 TRBV7-1	-
ENSG00000211710	5.13E-15	-2.63127	1	1 TRBV4-1	-
ENSG00000211713	5.13E-15	-2.63127	1	1 TRBV6-4	-
ENSG00000211714	5.13E-15	-2.63127	1	1 TRBV7-3	-
ENSG00000211715	5.13E-15	-2.63127	1	1 TRBV5-3	K10785
ENSG00000211716	5.13E-15	-2.63127	1	1 TRBV9	K10785
ENSG00000211717	5.13E-15	-2.63127	1	1 TRBV10-1	K10785
ENSG00000211720	5.13E-15	-2.63127	1	1 TRBV11-1	-
ENSG00000211721	5.13E-15	-2.63127	1	1 TRBV6-5	-
ENSG00000211724	5.13E-15	-2.63127	1	1 TRBV6-6	-
ENSG00000211725	5.13E-15	-2.63127	1	1 TRBV5-5	K10785
ENSG00000211727	5.13E-15	-2.63127	1	1 TRBV7-6	-
ENSG00000211728	5.13E-15	-2.63127	1	1 TRBV5-6	K10785
ENSG00000211731	5.13E-15	-2.63127	1	1 TRBV5-7	K10785
ENSG00000211732	5.13E-15	-2.63127	1	1 TRBV6-9	-
ENSG00000211734	5.13E-15	-2.63127	1	1 TRBV5-1	K10785
ENSG00000211739	5.13E-15	-2.63127	1	1 TRBV12-2	-
ENSG00000211745	5.13E-15	-2.63127	1	1 TRBV4-2	-
ENSG00000211746	5.13E-15	-2.63127	1	1 TRBV19	-
ENSG00000211747	5.13E-15	-2.63127	1	1 TRBV20-1	-
ENSG00000211749	5.13E-15	-2.63127	1	1 TRBV23-1	-
ENSG00000211750	5.13E-15	-2.63127	1	1 TRBV24-1	K10785
ENSG00000211751	5.13E-15	-2.63127	1	1 TRBV25-1	-
ENSG00000211752	5.13E-15	-2.63127	1	1 TRBV27	-
ENSG00000211753	5.13E-15	-2.63127	1	1 TRBV28	-
ENSG00000211764	5.13E-15	-2.63127	1	1 TRBJ2-1	-
ENSG00000211765	5.13E-15	-2.63127	1	1 TRBJ2-2	-
ENSG00000211766	5.13E-15	-2.63127	1	1 TRBJ2-2P	-
ENSG00000211767	5.13E-15	-2.63127	1	1 TRBJ2-3	-

ENSG00000211768	5.13E-15	-2.63127	1	1 TRBJ2-4	--
ENSG00000211769	5.13E-15	-2.63127	1	1 TRBJ2-5	--
ENSG00000211770	5.13E-15	-2.63127	1	1 TRBJ2-6	--
ENSG00000211771	5.13E-15	-2.63127	1	1 TRBJ2-7	--
ENSG00000211772	5.13E-15	-2.63127	1	1 TRBC2	K10785
ENSG00000211776	5.13E-15	-2.63127	1	1 TRAV2	--
ENSG00000211777	5.13E-15	-2.63127	1	1 TRAV3	--
ENSG00000211778	5.13E-15	-2.63127	1	1 TRAV4	--
ENSG00000211779	5.13E-15	-2.63127	1	1 TRAV5	--
ENSG00000211780	5.13E-15	-2.63127	1	1 TRAV6	--
ENSG00000211781	5.13E-15	-2.63127	1	1 TRAV7	--
ENSG00000211782	5.13E-15	-2.63127	1	1 TRAV8-1	--
ENSG00000211783	5.13E-15	-2.63127	1	1 TRAV9-1	K10784
ENSG00000211784	5.13E-15	-2.63127	1	1 TRAV10	--
ENSG00000211785	5.13E-15	-2.63127	1	1 TRAV12-1	--
ENSG00000211786	5.13E-15	-2.63127	1	1 TRAV8-2	--
ENSG00000211787	5.13E-15	-2.63127	1	1 TRAV8-3	--
ENSG00000211788	5.13E-15	-2.63127	1	1 TRAV13-1	--
ENSG00000211789	5.13E-15	-2.63127	1	1 TRAV12-2	--
ENSG00000211790	5.13E-15	-2.63127	1	1 TRAV8-4	--
ENSG00000211791	5.13E-15	-2.63127	1	1 TRAV13-2	--
ENSG00000211792	5.13E-15	-2.63127	1	1 TRAV14DV4	--
ENSG00000211793	5.13E-15	-2.63127	1	1 TRAV9-2	K10784
ENSG00000211794	5.13E-15	-2.63127	1	1 TRAV12-3	--
ENSG00000211795	5.13E-15	-2.63127	1	1 TRAV8-6	--
ENSG00000211796	5.13E-15	-2.63127	1	1 TRAV16	--
ENSG00000211797	5.13E-15	-2.63127	1	1 TRAV17	--
ENSG00000211798	5.13E-15	-2.63127	1	1 TRAV18	--
ENSG00000211799	5.13E-15	-2.63127	1	1 TRAV19	--
ENSG00000211800	5.13E-15	-2.63127	1	1 TRAV20	--
ENSG00000211801	5.13E-15	-2.63127	1	1 TRAV21	--
ENSG00000211802	5.13E-15	-2.63127	1	1 TRAV22	--
ENSG00000211803	5.13E-15	-2.63127	1	1 TRAV23DV6	K10784
ENSG00000211804	5.13E-15	-2.63127	1	1 TRDV1	--
ENSG00000211805	5.13E-15	-2.63127	1	1 TRAV24	--
ENSG00000211806	5.13E-15	-2.63127	1	1 TRAV25	--
ENSG00000211807	5.13E-15	-2.63127	1	1 TRAV26-1	--
ENSG00000211808	5.13E-15	-2.63127	1	1 TRAV8-7	--
ENSG00000211809	5.13E-15	-2.63127	1	1 TRAV27	--
ENSG00000211810	5.13E-15	-2.63127	1	1 TRAV29DV5	--
ENSG00000211812	5.13E-15	-2.63127	1	1 TRAV26-2	--
ENSG00000211813	5.13E-15	-2.63127	1	1 TRAV34	--
ENSG00000211814	5.13E-15	-2.63127	1	1 TRAV35	--
ENSG00000211815	5.13E-15	-2.63127	1	1 TRAV36DV7	--
ENSG00000211816	5.13E-15	-2.63127	1	1 TRAV38-1	--
ENSG00000211817	5.13E-15	-2.63127	1	1 TRAV38-2DV8	--
ENSG00000211818	5.13E-15	-2.63127	1	1 TRAV39	--
ENSG00000211819	5.13E-15	-2.63127	1	1 TRAV40	--
ENSG00000211820	5.13E-15	-2.63127	1	1 TRAV41	--
ENSG00000211821	5.13E-15	-2.63127	1	1 TRDV2	--
ENSG00000211825	5.13E-15	-2.63127	1	1 TRDJ1	--
ENSG00000211826	5.13E-15	-2.63127	1	1 TRDJ4	--
ENSG00000211827	5.13E-15	-2.63127	1	1 TRDJ2	--
ENSG00000211828	5.13E-15	-2.63127	1	1 TRDJ3	--
ENSG00000211829	5.13E-15	-2.63127	1	1 TRDC	--
ENSG00000211831	5.13E-15	-2.63127	1	1 TRAJ61	--
ENSG00000211832	5.13E-15	-2.63127	1	1 TRAJ59	--
ENSG00000211833	5.13E-15	-2.63127	1	1 TRAJ58	--

ENSG00000211834	5.13E-15	-2.63127	1	1 TRAJ57	-
ENSG00000211835	5.13E-15	-2.63127	1	1 TRAJ56	-
ENSG00000211836	5.13E-15	-2.63127	1	1 TRAJ54	-
ENSG00000211837	5.13E-15	-2.63127	1	1 TRAJ53	-
ENSG00000211838	5.13E-15	-2.63127	1	1 TRAJ52	-
ENSG00000211839	5.13E-15	-2.63127	1	1 TRAJ50	-
ENSG00000211840	5.13E-15	-2.63127	1	1 TRAJ49	-
ENSG00000211841	5.13E-15	-2.63127	1	1 TRAJ48	-
ENSG00000211842	5.13E-15	-2.63127	1	1 TRAJ47	-
ENSG00000211843	5.13E-15	-2.63127	1	1 TRAJ46	-
ENSG00000211844	5.13E-15	-2.63127	1	1 TRAJ45	-
ENSG00000211845	5.13E-15	-2.63127	1	1 TRAJ44	-
ENSG00000211846	5.13E-15	-2.63127	1	1 TRAJ43	-
ENSG00000211847	5.13E-15	-2.63127	1	1 TRAJ42	-
ENSG00000211848	5.13E-15	-2.63127	1	1 TRAJ41	-
ENSG00000211849	5.13E-15	-2.63127	1	1 TRAJ40	-
ENSG00000211850	5.13E-15	-2.63127	1	1 TRAJ39	-
ENSG00000211851	5.13E-15	-2.63127	1	1 TRAJ38	-
ENSG00000211852	5.13E-15	-2.63127	1	1 TRAJ37	-
ENSG00000211853	5.13E-15	-2.63127	1	1 TRAJ36	-
ENSG00000211854	5.13E-15	-2.63127	1	1 TRAJ35	-
ENSG00000211855	5.13E-15	-2.63127	1	1 TRAJ34	-
ENSG00000211856	5.13E-15	-2.63127	1	1 TRAJ33	-
ENSG00000211857	5.13E-15	-2.63127	1	1 TRAJ32	-
ENSG00000211858	5.13E-15	-2.63127	1	1 TRAJ31	-
ENSG00000211859	5.13E-15	-2.63127	1	1 TRAJ30	-
ENSG00000211860	5.13E-15	-2.63127	1	1 TRAJ29	-
ENSG00000211861	5.13E-15	-2.63127	1	1 TRAJ28	-
ENSG00000211862	5.13E-15	-2.63127	1	1 TRAJ27	-
ENSG00000211863	5.13E-15	-2.63127	1	1 TRAJ26	-
ENSG00000211864	5.13E-15	-2.63127	1	1 TRAJ25	-
ENSG00000211865	5.13E-15	-2.63127	1	1 TRAJ24	-
ENSG00000211866	5.13E-15	-2.63127	1	1 TRAJ23	-
ENSG00000211867	5.13E-15	-2.63127	1	1 TRAJ22	-
ENSG00000211868	5.13E-15	-2.63127	1	1 TRAJ21	-
ENSG00000211869	5.13E-15	-2.63127	1	1 TRAJ20	-
ENSG00000211870	5.13E-15	-2.63127	1	1 TRAJ19	-
ENSG00000211871	5.13E-15	-2.63127	1	1 TRAJ18	-
ENSG00000211872	5.13E-15	-2.63127	1	1 TRAJ17	-
ENSG00000211873	5.13E-15	-2.63127	1	1 TRAJ16	-
ENSG00000211874	5.13E-15	-2.63127	1	1 TRAJ15	-
ENSG00000211875	5.13E-15	-2.63127	1	1 TRAJ14	-
ENSG00000211876	5.13E-15	-2.63127	1	1 TRAJ13	-
ENSG00000211877	5.13E-15	-2.63127	1	1 TRAJ12	-
ENSG00000211878	5.13E-15	-2.63127	1	1 TRAJ11	-
ENSG00000211879	5.13E-15	-2.63127	1	1 TRAJ10	-
ENSG00000211880	5.13E-15	-2.63127	1	1 TRAJ9	-
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ENSG00000211882	5.13E-15	-2.63127	1	1 TRAJ7	-
ENSG00000211883	5.13E-15	-2.63127	1	1 TRAJ6	-
ENSG00000211884	5.13E-15	-2.63127	1	1 TRAJ5	K10784
ENSG00000211885	5.13E-15	-2.63127	1	1 TRAJ4	-
ENSG00000211886	5.13E-15	-2.63127	1	1 TRAJ3	-
ENSG00000211887	5.13E-15	-2.63127	1	1 TRAJ2	-
ENSG00000211888	5.13E-15	-2.63127	1	1 TRAJ1	-
ENSG00000211890	5.13E-15	-2.63127	1	1 IGHA2	K06856
ENSG00000211891	5.13E-15	-2.63127	1	1 IGHE	-
ENSG00000211893	5.13E-15	-2.63127	1	1 IGHG2	K06856

ENSG00000211895	5.13E-15	-2.63127	1	1 IGHA1	K06856
ENSG00000211896	5.13E-15	-2.63127	1	1 IGHG1	K06856
ENSG00000211897	5.13E-15	-2.63127	1	1 IGHG3	K06856
ENSG00000211898	5.13E-15	-2.63127	1	1 IGHD	-
ENSG00000211899	5.13E-15	-2.63127	1	1 IGHM	-
ENSG00000211900	5.13E-15	-2.63127	1	1 IGHJ6	-
ENSG00000211904	5.13E-15	-2.63127	1	1 IGHJ2	-
ENSG00000211905	5.13E-15	-2.63127	1	1 IGHJ1	K06856
ENSG00000211907	5.13E-15	-2.63127	1	1 IGHD1-26	-
ENSG00000211909	5.13E-15	-2.63127	1	1 IGHD5-24	-
ENSG00000211911	5.13E-15	-2.63127	1	1 IGHD3-22	-
ENSG00000211912	5.13E-15	-2.63127	1	1 IGHD2-21	-
ENSG00000211914	5.13E-15	-2.63127	1	1 IGHD6-19	-
ENSG00000211915	5.13E-15	-2.63127	1	1 IGHD5-18	-
ENSG00000211917	5.13E-15	-2.63127	1	1 IGHD3-16	-
ENSG00000211918	5.13E-15	-2.63127	1	1 IGHD2-15	-
ENSG00000211920	5.13E-15	-2.63127	1	1 IGHD6-13	-
ENSG00000211921	5.13E-15	-2.63127	1	1 IGHD5-12	-
ENSG00000211923	5.13E-15	-2.63127	1	1 IGHD3-10	-
ENSG00000211924	5.13E-15	-2.63127	1	1 IGHD3-9	-
ENSG00000211925	5.13E-15	-2.63127	1	1 IGHD2-8	-
ENSG00000211928	5.13E-15	-2.63127	1	1 IGHD5-5	-
ENSG00000211930	5.13E-15	-2.63127	1	1 IGHD3-3	-
ENSG00000211931	5.13E-15	-2.63127	1	1 IGHD2-2	-
ENSG00000211933	5.13E-15	-2.63127	1	1 IGHV6-1	K06856
ENSG00000211934	5.13E-15	-2.63127	1	1 IGHV1-2	K06856
ENSG00000211935	5.13E-15	-2.63127	1	1 IGHV1-3	K06856
ENSG00000211936	5.13E-15	-2.63127	1	1 IGHV4-4	K06856
ENSG00000211938	5.13E-15	-2.63127	1	1 IGHV3-7	K06856
ENSG00000211939	5.13E-15	-2.63127	1	1 IGHV1-8	K06856
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ENSG00000211941	5.13E-15	-2.63127	1	1 IGHV3-11	K06856
ENSG00000211942	5.13E-15	-2.63127	1	1 IGHV3-13	K06856
ENSG00000211943	5.13E-15	-2.63127	1	1 IGHV3-15	K06856
ENSG00000211944	5.13E-15	-2.63127	1	1 IGHV3-16	K06856
ENSG00000211945	5.13E-15	-2.63127	1	1 IGHV1-18	K06856
ENSG00000211946	5.13E-15	-2.63127	1	1 IGHV3-20	K06856
ENSG00000211947	5.13E-15	-2.63127	1	1 IGHV3-21	K06856
ENSG00000211949	5.13E-15	-2.63127	1	1 IGHV3-23	K06856
ENSG00000211950	5.13E-15	-2.63127	1	1 IGHV1-24	K06856
ENSG00000211951	5.13E-15	-2.63127	1	1 IGHV2-26	-
ENSG00000211952	5.13E-15	-2.63127	1	1 IGHV4-28	K06856
ENSG00000211953	5.13E-15	-2.63127	1	1 IGHV3-30	K06856
ENSG00000211955	5.13E-15	-2.63127	1	1 IGHV3-33	K06856
ENSG00000211956	5.13E-15	-2.63127	1	1 IGHV4-34	K06856
ENSG00000211957	5.13E-15	-2.63127	1	1 IGHV3-35	K06856
ENSG00000211958	5.13E-15	-2.63127	1	1 IGHV3-38	K06856
ENSG00000211962	5.13E-15	-2.63127	1	1 IGHV1-46	K06856
ENSG00000211964	5.13E-15	-2.63127	1	1 IGHV3-48	K06856
ENSG00000211965	5.13E-15	-2.63127	1	1 IGHV3-49	K06856
ENSG00000211966	5.13E-15	-2.63127	1	1 IGHV5-51	-
ENSG00000211967	5.13E-15	-2.63127	1	1 IGHV3-53	K06856
ENSG00000211968	5.13E-15	-2.63127	1	1 IGHV1-58	K06856
ENSG00000211970	5.13E-15	-2.63127	1	1 IGHV4-61	K06856
ENSG00000211972	5.13E-15	-2.63127	1	1 IGHV3-66	K06856
ENSG00000211973	5.13E-15	-2.63127	1	1 IGHV1-69	K06856
ENSG00000211974	5.13E-15	-2.63127	1	1 IGHV2-70	-
ENSG00000211976	5.13E-15	-2.63127	1	1 IGHV3-73	K06856

ENSG00000211978	5.13E-15	-2.63127	1	1 IGHV5-78	-
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ENSG00000211983	5.13E-15	-2.63127	1	1 AL138919.1	-
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ENSG00000211995	5.13E-15	-2.63127	1	1 AP000428.1	-
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ENSG00000212007	5.13E-15	-2.63127	1	1 AL596329.1	-
ENSG00000212013	5.13E-15	-2.63127	1	1 MIR509-2	-
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ENSG00000212017	5.13E-15	-2.63127	1	1 MIR548U	-
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ENSG00000212031	5.13E-15	-2.63127	1	1 AC117444.1	-
ENSG00000212032	5.13E-15	-2.63127	1	1 AC007486.1	-
ENSG00000212034	5.13E-15	-2.63127	1	1 AC084262.1	-
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ENSG00000212037	5.13E-15	-2.63127	1	1 AL049831.1	-
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ENSG00000212040	5.13E-15	-2.63127	1	1 MIR543	-
ENSG00000212044	5.13E-15	-2.63127	1	1 CR812485.1	-
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ENSG00000212051	5.13E-15	-2.63127	1	1 MIR320C2	-
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ENSG00000212055	5.13E-15	-2.63127	1	1 AC122136.1	-
ENSG00000212057	5.13E-15	-2.63127	1	1 AL139318.1	-
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ENSG00000212065	5.13E-15	-2.63127	1	1 AL591034.1	-
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ENSG00000212067	5.13E-15	-2.63127	1	1 AP005227.1	-
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ENSG00000212071	5.13E-15	-2.63127	1	1 AL162511.1	-
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ENSG00000212082	5.13E-15	-2.63127	1	1 AC010368.1	-
ENSG00000212084	5.13E-15	-2.63127	1	1 AL121914.1	-
ENSG00000212085	5.13E-15	-2.63127	1	1 AC105245.1	-
ENSG00000212086	5.13E-15	-2.63127	1	1 AL390119.1	-
ENSG00000212089	5.13E-15	-2.63127	1	1 AP002490.1	-
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ENSG00000212100	5.13E-15	-2.63127	1	1 MIR764	-
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ENSG00000212122	5.13E-15	-2.63127	1	1 TSSK1B	K08811
ENSG00000212124	5.13E-15	-2.63127	1	1 TAS2R19	K08474
ENSG00000212125	5.13E-15	-2.63127	1	1 TAS2R15	K08474
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ENSG00000212127	5.13E-15	-2.63127	1	1 TAS2R14	K08474
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ENSG00000212133	5.13E-15	-2.63127	1	1 RNU6-1168P	--
ENSG00000212134	5.13E-15	-2.63127	1	1 SNORA40	--
ENSG00000212135	5.13E-15	-2.63127	1	1 SNORD67	--
ENSG00000212136	5.13E-15	-2.63127	1	1 RNU6-696P	--
ENSG00000212138	5.13E-15	-2.63127	1	1 RNA5SP372	--
ENSG00000212140	5.13E-15	-2.63127	1	1 RNU6-1320P	--
ENSG00000212144	5.13E-15	-2.63127	1	1 U8	--
ENSG00000212145	5.13E-15	-2.63127	1	1 U8	--
ENSG00000212146	5.13E-15	-2.63127	1	1 RNU6-910P	--
ENSG00000212147	5.13E-15	-2.63127	1	1 RNU6-1106P	--
ENSG00000212149	5.13E-15	-2.63127	1	1 SNORA40	--
ENSG00000212153	5.13E-15	-2.63127	1	1 RNU1-82P	--
ENSG00000212154	5.13E-15	-2.63127	1	1 RNA5SP377	--
ENSG00000212156	5.13E-15	-2.63127	1	1 RNU6-576P	--
ENSG00000212157	5.13E-15	-2.63127	1	1 RNU6-1319P	--
ENSG00000212158	5.13E-15	-2.63127	1	1 SNORD66	--
ENSG00000212160	5.13E-15	-2.63127	1	1 RNU6-205P	--
ENSG00000212161	5.13E-15	-2.63127	1	1 SNORD64	--
ENSG00000212163	5.13E-15	-2.63127	1	1 SNORD91A	--
ENSG00000212165	5.13E-15	-2.63127	1	1 U3	--
ENSG00000212167	5.13E-15	-2.63127	1	1 RNU6-763P	--
ENSG00000212168	5.13E-15	-2.63127	1	1 SNORD78	--
ENSG00000212170	5.13E-15	-2.63127	1	1 RNU1-77P	--
ENSG00000212171	5.13E-15	-2.63127	1	1 RNA5SP86	--
ENSG00000212172	5.13E-15	-2.63127	1	1 RNU1-149P	--
ENSG00000212174	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000212176	5.13E-15	-2.63127	1	1 RNA5SP207	--
ENSG00000212181	5.13E-15	-2.63127	1	1 SNORA48	--
ENSG00000212182	5.13E-15	-2.63127	1	1 U3	--
ENSG00000212184	5.13E-15	-2.63127	1	1 RNU6-440P	--
ENSG00000212186	5.13E-15	-2.63127	1	1 RNU6-258P	--
ENSG00000212187	5.13E-15	-2.63127	1	1 SNORA26	--
ENSG00000212189	5.13E-15	-2.63127	1	1 RNU6-328P	--
ENSG00000212190	5.13E-15	-2.63127	1	1 RNU6-298P	--
ENSG00000212191	5.13E-15	-2.63127	1	1 SNORD65	--
ENSG00000212195	5.13E-15	-2.63127	1	1 U3	--
ENSG00000212197	5.13E-15	-2.63127	1	1 RNY3P6	--
ENSG00000212199	5.13E-15	-2.63127	1	1 RNU6-127P	--
ENSG00000212204	5.13E-15	-2.63127	1	1 RNA5SP91	--
ENSG00000212205	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000212206	5.13E-15	-2.63127	1	1 SNORA69	--
ENSG00000212207	5.13E-15	-2.63127	1	1 RNU6-1321P	--
ENSG00000212211	5.13E-15	-2.63127	1	1 U3	--
ENSG00000212214	5.13E-15	-2.63127	1	1 SNORA48	--
ENSG00000212215	5.13E-15	-2.63127	1	1 RNU6-913P	--
ENSG00000212216	5.13E-15	-2.63127	1	1 RNU6-816P	--
ENSG00000212219	5.13E-15	-2.63127	1	1 RNU6-604P	--
ENSG00000212221	5.13E-15	-2.63127	1	1 RNU6-220P	--
ENSG00000212224	5.13E-15	-2.63127	1	1 SNORA26	--

ENSG00000212226	5.13E-15	-2.63127	1	1 RNU6-907P	--
ENSG00000212228	5.13E-15	-2.63127	1	1 SNORA48	--
ENSG00000212229	5.13E-15	-2.63127	1	1 SNORD65	--
ENSG00000212230	5.13E-15	-2.63127	1	1 RNU6-747P	--
ENSG00000212238	5.13E-15	-2.63127	1	1 RNA5SP244	--
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ENSG00000212241	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000212246	5.13E-15	-2.63127	1	1 RNU6-360P	--
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ENSG00000212249	5.13E-15	-2.63127	1	1 U8	--
ENSG00000212251	5.13E-15	-2.63127	1	1 RNA5SP376	--
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ENSG00000212258	5.13E-15	-2.63127	1	1 RNA5SP176	--
ENSG00000212259	5.13E-15	-2.63127	1	1 RNU6-308P	--
ENSG00000212260	5.13E-15	-2.63127	1	1 RNU6-724P	--
ENSG00000212264	5.13E-15	-2.63127	1	1 SNORD65	--
ENSG00000212265	5.13E-15	-2.63127	1	1 RNA5SP185	--
ENSG00000212266	5.13E-15	-2.63127	1	1 SNORA40	--
ENSG00000212269	5.13E-15	-2.63127	1	1 RNU6-788P	--
ENSG00000212270	5.13E-15	-2.63127	1	1 SNORD37	--
ENSG00000212273	5.13E-15	-2.63127	1	1 SNORA40	--
ENSG00000212276	5.13E-15	-2.63127	1	1 RNA5SP292	--
ENSG00000212277	5.13E-15	-2.63127	1	1 SNORD43	--
ENSG00000212278	5.13E-15	-2.63127	1	1 SNORD81	--
ENSG00000212279	5.13E-15	-2.63127	1	1 SNORD77	--
ENSG00000212280	5.13E-15	-2.63127	1	1 RNA5SP256	--
ENSG00000212282	5.13E-15	-2.63127	1	1 RNU6-578P	--
ENSG00000212283	5.13E-15	-2.63127	1	1 SNORD89	--
ENSG00000212289	5.13E-15	-2.63127	1	1 RNA5SP339	--
ENSG00000212290	5.13E-15	-2.63127	1	1 RNA5SP424	--
ENSG00000212292	5.13E-15	-2.63127	1	1 RNU6-239P	--
ENSG00000212293	5.13E-15	-2.63127	1	1 SNORA16	--
ENSG00000212295	5.13E-15	-2.63127	1	1 SNORD28	--
ENSG00000212297	5.13E-15	-2.63127	1	1 RNU6-821P	--
ENSG00000212298	5.13E-15	-2.63127	1	1 RNU6-1009P	--
ENSG00000212302	5.13E-15	-2.63127	1	1 SNORD41	--
ENSG00000212303	5.13E-15	-2.63127	1	1 RNU6-1154P	--
ENSG00000212305	5.13E-15	-2.63127	1	1 RNU6-679P	--
ENSG00000212306	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000212308	5.13E-15	-2.63127	1	1 RNA5SP23	--
ENSG00000212309	5.13E-15	-2.63127	1	1 SNORD70	--
ENSG00000212312	5.13E-15	-2.63127	1	1 RNA5SP109	--
ENSG00000212314	5.13E-15	-2.63127	1	1 RNU6-1307P	--
ENSG00000212316	5.13E-15	-2.63127	1	1 RNU6-1228P	--
ENSG00000212319	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000212321	5.13E-15	-2.63127	1	1 U3	--
ENSG00000212324	5.13E-15	-2.63127	1	1 RNU6-129P	--
ENSG00000212325	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000212329	5.13E-15	-2.63127	1	1 RNU6-316P	--
ENSG00000212330	5.13E-15	-2.63127	1	1 RNU6-244P	--
ENSG00000212331	5.13E-15	-2.63127	1	1 RNA5SP297	--
ENSG00000212332	5.13E-15	-2.63127	1	1 RNU6-780P	--
ENSG00000212333	5.13E-15	-2.63127	1	1 RNA5SP213	--
ENSG00000212335	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000212336	5.13E-15	-2.63127	1	1 RNA5SP210	--
ENSG00000212338	5.13E-15	-2.63127	1	1 SNORA67	--

ENSG00000212340	5.13E-15	-2.63127	1	1 RNU6-739P	--
ENSG00000212344	5.13E-15	-2.63127	1	1 RNU6-823P	--
ENSG00000212345	5.13E-15	-2.63127	1	1 RNU6-700P	--
ENSG00000212347	5.13E-15	-2.63127	1	1 SNORD77	--
ENSG00000212348	5.13E-15	-2.63127	1	1 RNU6-1300P	--
ENSG00000212354	5.13E-15	-2.63127	1	1 RNU6-1242P	--
ENSG00000212358	5.13E-15	-2.63127	1	1 RNU6-837P	--
ENSG00000212359	5.13E-15	-2.63127	1	1 RNU6-550P	--
ENSG00000212360	5.13E-15	-2.63127	1	1 RNU6-1177P	--
ENSG00000212363	5.13E-15	-2.63127	1	1 SNORA40	--
ENSG00000212365	5.13E-15	-2.63127	1	1 RNA5SP332	--
ENSG00000212366	5.13E-15	-2.63127	1	1 RNU6-1246P	--
ENSG00000212368	5.13E-15	-2.63127	1	1 RNU6-1000P	--
ENSG00000212370	5.13E-15	-2.63127	1	1 RNU6-482P	--
ENSG00000212373	5.13E-15	-2.63127	1	1 RNA5SP171	--
ENSG00000212374	5.13E-15	-2.63127	1	1 RNU6-401P	--
ENSG00000212377	5.13E-15	-2.63127	1	1 SNORD37	--
ENSG00000212379	5.13E-15	-2.63127	1	1 RNU6-269P	--
ENSG00000212380	5.13E-15	-2.63127	1	1 SNORD115-45	--
ENSG00000212382	5.13E-15	-2.63127	1	1 RNU6-159P	--
ENSG00000212383	5.13E-15	-2.63127	1	1 SNORA48	--
ENSG00000212384	5.13E-15	-2.63127	1	1 SNORD113-2	--
ENSG00000212385	5.13E-15	-2.63127	1	1 RNU6-817P	--
ENSG00000212387	5.13E-15	-2.63127	1	1 RNU6-1055P	--
ENSG00000212388	5.13E-15	-2.63127	1	1 RNU6-796P	--
ENSG00000212389	5.13E-15	-2.63127	1	1 RNU6-1275P	--
ENSG00000212391	5.13E-15	-2.63127	1	1 SNORA48	--
ENSG00000212392	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000212395	5.13E-15	-2.63127	1	1 SNORA67	--
ENSG00000212397	5.13E-15	-2.63127	1	1 snosnR66	--
ENSG00000212398	5.13E-15	-2.63127	1	1 RNU6-1248P	--
ENSG00000212404	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000212407	5.13E-15	-2.63127	1	1 RNU6-663P	--
ENSG00000212409	5.13E-15	-2.63127	1	1 RNY4P18	--
ENSG00000212410	5.13E-15	-2.63127	1	1 RNU6-932P	--
ENSG00000212411	5.13E-15	-2.63127	1	1 SNORD115	--
ENSG00000212413	5.13E-15	-2.63127	1	1 RNU11-3P	--
ENSG00000212414	5.13E-15	-2.63127	1	1 SNORD77	--
ENSG00000212415	5.13E-15	-2.63127	1	1 SNORD77	--
ENSG00000212418	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000212420	5.13E-15	-2.63127	1	1 RNU6-1111P	--
ENSG00000212421	5.13E-15	-2.63127	1	1 SNORA26	--
ENSG00000212422	5.13E-15	-2.63127	1	1 U3	--
ENSG00000212424	5.13E-15	-2.63127	1	1 RNU1-119P	--
ENSG00000212425	5.13E-15	-2.63127	1	1 RNA5SP105	--
ENSG00000212428	5.13E-15	-2.63127	1	1 SNORD115	--
ENSG00000212429	5.13E-15	-2.63127	1	1 RNU11-6P	--
ENSG00000212433	5.13E-15	-2.63127	1	1 RNA5SP252	--
ENSG00000212434	5.13E-15	-2.63127	1	1 U3	--
ENSG00000212441	5.13E-15	-2.63127	1	1 RNU6-1269P	--
ENSG00000212442	5.13E-15	-2.63127	1	1 RNU6-243P	--
ENSG00000212445	5.13E-15	-2.63127	1	1 SNORA48	--
ENSG00000212446	5.13E-15	-2.63127	1	1 RNU6-131P	--
ENSG00000212447	5.13E-15	-2.63127	1	1 SNORD90	--
ENSG00000212448	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000212450	5.13E-15	-2.63127	1	1 RNU6-241P	--
ENSG00000212451	5.13E-15	-2.63127	1	1 RNU11-4P	--
ENSG00000212454	5.13E-15	-2.63127	1	1 RNA5SP286	--

ENSG00000212455	5.13E-15	-2.63127	1	1 SNORA40	-
ENSG00000212456	5.13E-15	-2.63127	1	1 RNVU1-13	-
ENSG00000212457	5.13E-15	-2.63127	1	1 RNU6-644P	-
ENSG00000212458	5.13E-15	-2.63127	1	1 SNORA48	-
ENSG00000212459	5.13E-15	-2.63127	1	1 RNU6-695P	-
ENSG00000212460	5.13E-15	-2.63127	1	1 RNU6-460P	-
ENSG00000212461	5.13E-15	-2.63127	1	1 SNORA17	-
ENSG00000212468	5.13E-15	-2.63127	1	1 RNU6-754P	-
ENSG00000212469	5.13E-15	-2.63127	1	1 RNU6-1158P	-
ENSG00000212473	5.13E-15	-2.63127	1	1 RNU1-101P	-
ENSG00000212475	5.13E-15	-2.63127	1	1 RNU6-400P	-
ENSG00000212479	5.13E-15	-2.63127	1	1 U3	-
ENSG00000212482	5.13E-15	-2.63127	1	1 RNU6-530P	-
ENSG00000212485	5.13E-15	-2.63127	1	1 RNU6-1197P	-
ENSG00000212489	5.13E-15	-2.63127	1	1 RNU6-1109P	-
ENSG00000212490	5.13E-15	-2.63127	1	1 SNORA26	-
ENSG00000212495	5.13E-15	-2.63127	1	1 RNU6-332P	-
ENSG00000212496	5.13E-15	-2.63127	1	1 RNU6-1093P	-
ENSG00000212497	5.13E-15	-2.63127	1	1 RNA5SP465	-
ENSG00000212498	5.13E-15	-2.63127	1	1 SNORD86	-
ENSG00000212499	5.13E-15	-2.63127	1	1 RNA5SP300	-
ENSG00000212505	5.13E-15	-2.63127	1	1 RNA5SP299	-
ENSG00000212510	5.13E-15	-2.63127	1	1 RNU6-972P	-
ENSG00000212511	5.13E-15	-2.63127	1	1 U3	-
ENSG00000212512	5.13E-15	-2.63127	1	1 Y_RNA	-
ENSG00000212516	5.13E-15	-2.63127	1	1 RNU6-1268P	-
ENSG00000212517	5.13E-15	-2.63127	1	1 SNORA26	-
ENSG00000212518	5.13E-15	-2.63127	1	1 RNU11-5P	-
ENSG00000212520	5.13E-15	-2.63127	1	1 RNU6-1250P	-
ENSG00000212521	5.13E-15	-2.63127	1	1 RNU6-918P	-
ENSG00000212522	5.13E-15	-2.63127	1	1 Y_RNA	-
ENSG00000212525	5.13E-15	-2.63127	1	1 RNA5SP212	-
ENSG00000212527	5.13E-15	-2.63127	1	1 RNA5SP63	-
ENSG00000212528	5.13E-15	-2.63127	1	1 SNORD115-47	-
ENSG00000212529	5.13E-15	-2.63127	1	1 SNORA57	-
ENSG00000212532	5.13E-15	-2.63127	1	1 SNORD66	-
ENSG00000212534	5.13E-15	-2.63127	1	1 SNORD70	-
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ENSG00000212538	5.13E-15	-2.63127	1	1 U3	-
ENSG00000212539	5.13E-15	-2.63127	1	1 U3	-
ENSG00000212544	5.13E-15	-2.63127	1	1 RNVU1-19	-
ENSG00000212545	5.13E-15	-2.63127	1	1 RNU6-337P	-
ENSG00000212546	5.13E-15	-2.63127	1	1 RNU6-995P	-
ENSG00000212549	5.13E-15	-2.63127	1	1 RNA5SP354	-
ENSG00000212550	5.13E-15	-2.63127	1	1 RNU1-78P	-
ENSG00000212551	5.13E-15	-2.63127	1	1 U3	-
ENSG00000212552	5.13E-15	-2.63127	1	1 SNORD91B	-
ENSG00000212553	5.13E-15	-2.63127	1	1 SNORD116	-
ENSG00000212555	5.13E-15	-2.63127	1	1 RNU6-192P	-
ENSG00000212556	5.13E-15	-2.63127	1	1 Y_RNA	-
ENSG00000212558	5.13E-15	-2.63127	1	1 SNORA26	-
ENSG00000212559	5.13E-15	-2.63127	1	1 RNA5SP35	-
ENSG00000212560	5.13E-15	-2.63127	1	1 RNU6-630P	-
ENSG00000212561	5.13E-15	-2.63127	1	1 RNU6-381P	-
ENSG00000212564	5.13E-15	-2.63127	1	1 RNU6-1326P	-
ENSG00000212565	5.13E-15	-2.63127	1	1 SNORA68	-
ENSG00000212567	5.13E-15	-2.63127	1	1 SNORA57	-
ENSG00000212568	5.13E-15	-2.63127	1	1 RNU6-1254P	-

ENSG00000212571	5.13E-15	-2.63127	1	1 RNA5SP482	--
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ENSG00000212579	5.13E-15	-2.63127	1	1 SNORA40	--
ENSG00000212580	5.13E-15	-2.63127	1	1 SNORA75	--
ENSG00000212581	5.13E-15	-2.63127	1	1 U8	--
ENSG00000212582	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000212584	5.13E-15	-2.63127	1	1 RNU6-587P	--
ENSG00000212585	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000212586	5.13E-15	-2.63127	1	1 SNORA8	--
ENSG00000212587	5.13E-15	-2.63127	1	1 SNORA40	--
ENSG00000212589	5.13E-15	-2.63127	1	1 SNORA17	--
ENSG00000212590	5.13E-15	-2.63127	1	1 SNORA26	--
ENSG00000212593	5.13E-15	-2.63127	1	1 SNORA75	--
ENSG00000212594	5.13E-15	-2.63127	1	1 U8	--
ENSG00000212595	5.13E-15	-2.63127	1	1 5S_rRNA	--
ENSG00000212597	5.13E-15	-2.63127	1	1 RNU6-876P	--
ENSG00000212598	5.13E-15	-2.63127	1	1 U3	--
ENSG00000212599	5.13E-15	-2.63127	1	1 RNU6-279P	--
ENSG00000212601	5.13E-15	-2.63127	1	1 RNA5SP53	--
ENSG00000212604	5.13E-15	-2.63127	1	1 SNORA48	--
ENSG00000212608	5.13E-15	-2.63127	1	1 SNORA26	--
ENSG00000212609	5.13E-15	-2.63127	1	1 RNU1-139P	--
ENSG00000212610	5.13E-15	-2.63127	1	1 U3	--
ENSG00000212611	5.13E-15	-2.63127	1	1 SNORD30	--
ENSG00000212612	5.13E-15	-2.63127	1	1 RNU6-1239P	--
ENSG00000212615	5.13E-15	-2.63127	1	1 SNORD58	--
ENSG00000212618	5.13E-15	-2.63127	1	1 snoMBII-202	--
ENSG00000212620	5.13E-15	-2.63127	1	1 SNORA75	--
ENSG00000212623	5.13E-15	-2.63127	1	1 RNU6-493P	--
ENSG00000212624	5.13E-15	-2.63127	1	1 SNORA26	--
ENSG00000212625	5.13E-15	-2.63127	1	1 RNA5SP397	--
ENSG00000212626	5.13E-15	-2.63127	1	1 SNORA48	--
ENSG00000212628	5.13E-15	-2.63127	1	1 RNA5SP241	--
ENSG00000212657	5.13E-15	-2.63127	1	1 KRTAP16-1	--
ENSG00000212658	5.13E-15	-2.63127	1	1 KRTAP29-1	--
ENSG00000212659	5.13E-15	-2.63127	1	1 KRTAP9-6	K11447
ENSG00000212663	5.13E-15	-2.63127	1	1 RP1-122K4.3	--
ENSG00000212695	5.13E-15	-2.63127	1	1 RP11-134K1.2	K02882
ENSG00000212712	5.13E-15	-2.63127	1	1 AP002414.1	K10392
ENSG00000212717	5.13E-15	-2.63127	1	1 DEFB117	--
ENSG00000212721	5.13E-15	-2.63127	1	1 KRTAP4-11	--
ENSG00000212722	5.13E-15	-2.63127	1	1 KRTAP4-9	--
ENSG00000212724	5.13E-15	-2.63127	1	1 KRTAP2-3	--
ENSG00000212725	5.13E-15	-2.63127	1	1 KRTAP2-1	--
ENSG00000212768	5.13E-15	-2.63127	1	1 AC114546.1	K12874
ENSG00000212769	5.13E-15	-2.63127	1	1 HMGN2P8	K11300
ENSG00000212807	5.13E-15	-2.63127	1	1 OR2A42	K04257
ENSG00000212855	5.13E-15	-2.63127	1	1 TTTY2	--
ENSG00000212856	5.13E-15	-2.63127	1	1 TTTY2B	--
ENSG00000212899	5.13E-15	-2.63127	1	1 KRTAP3-3	--
ENSG00000212900	5.13E-15	-2.63127	1	1 KRTAP3-2	--
ENSG00000212901	5.13E-15	-2.63127	1	1 KRTAP3-1	--
ENSG00000212916	5.13E-15	-2.63127	1	1 MAP10	--
ENSG00000212928	5.13E-15	-2.63127	1	1 AL391152.1	--
ENSG00000212932	5.13E-15	-2.63127	1	1 RPL23AP4	K02893
ENSG00000212933	5.13E-15	-2.63127	1	1 KRTAP12-4	--
ENSG00000212935	5.13E-15	-2.63127	1	1 KRTAP10-3	--
ENSG00000212938	5.13E-15	-2.63127	1	1 KRTAP6-3	--

ENSG00000212951	5.13E-15	-2.63127	1	1 RP11-211N8.3	-
ENSG00000212952	5.13E-15	-2.63127	1	1 BX088651.1	-
ENSG00000212961	5.13E-15	-2.63127	1	1 HNRNPA1P40	K12741
ENSG00000212989	5.13E-15	-2.63127	1	1 RP11-351E7.2	-
ENSG00000212997	5.13E-15	-2.63127	1	1 AC023632.1	-
ENSG00000212999	5.13E-15	-2.63127	1	1 AC117834.1	-
ENSG00000213002	5.13E-15	-2.63127	1	1 AC120194.1	-
ENSG00000213003	5.13E-15	-2.63127	1	1 BTF3P12	K01527
ENSG00000213005	5.13E-15	-2.63127	1	1 PTTG3P	K06635
ENSG00000213016	5.13E-15	-2.63127	1	1 AC008746.9	K06725
ENSG00000213022	5.13E-15	-2.63127	1	1 KLK9	K09618
ENSG00000213023	5.13E-15	-2.63127	1	1 SYT3	K15290
ENSG00000213026	5.13E-15	-2.63127	1	1 CFL1P4	K05765
ENSG00000213028	5.13E-15	-2.63127	1	1 RP11-108F13.2	-
ENSG00000213029	5.13E-15	-2.63127	1	1 SPHAR	-
ENSG00000213030	5.13E-15	-2.63127	1	1 CGB8	K10045
ENSG00000213032	5.13E-15	-2.63127	1	1 NDUFA3P3	K03947
ENSG00000213035	5.13E-15	-2.63127	1	1 RPL23AP80	K02893
ENSG00000213036	5.13E-15	-2.63127	1	1 RP11-365D23.4	K12399
ENSG00000213045	5.13E-15	-2.63127	1	1 RP11-532L16.1	-
ENSG00000213046	5.13E-15	-2.63127	1	1 EEF1A1P32	K03231
ENSG00000213048	5.13E-15	-2.63127	1	1 OR5S1P	K04257
ENSG00000213050	5.13E-15	-2.63127	1	1 TPM3P1	K09290
ENSG00000213051	5.13E-15	-2.63127	1	1 RPL5P5	K02932
ENSG00000213060	5.13E-15	-2.63127	1	1 RP4-612B18.3	K02958
ENSG00000213063	5.13E-15	-2.63127	1	1 RPL29P7	K02905
ENSG00000213065	5.13E-15	-2.63127	1	1 RP3-431P23.2	-
ENSG00000213067	5.13E-15	-2.63127	1	1 RP11-760D2.10	K13197
ENSG00000213068	5.13E-15	-2.63127	1	1 RP11-277B15.1	K02962
ENSG00000213069	5.13E-15	-2.63127	1	1 KRT8P40	K07605
ENSG00000213070	5.13E-15	-2.63127	1	1 HMGB3P6	K11296
ENSG00000213071	5.13E-15	-2.63127	1	1 LPAL2	K09644
ENSG00000213075	5.13E-15	-2.63127	1	1 RPL31P11	K02910
ENSG00000213076	5.13E-15	-2.63127	1	1 yR211F11.2	K08516
ENSG00000213078	5.13E-15	-2.63127	1	1 RP5-933K21.2	K10251
ENSG00000213081	5.13E-15	-2.63127	1	1 AC012362.3	K05757
ENSG00000213082	5.13E-15	-2.63127	1	1 PPP1R14BP2	K17555
ENSG00000213083	5.13E-15	-2.63127	1	1 AC010731.6	-
ENSG00000213084	5.13E-15	-2.63127	1	1 AC008555.2	K17985
ENSG00000213087	5.13E-15	-2.63127	1	1 RP11-613F7.1	K02951
ENSG00000213088	5.13E-15	-2.63127	1	1 DARC	K06574
ENSG00000213091	5.13E-15	-2.63127	1	1 PHBP1	K17080
ENSG00000213100	5.13E-15	-2.63127	1	1 KRT18P68	K07604
ENSG00000213107	5.13E-15	-2.63127	1	1 AHCYP5	K01251
ENSG00000213108	5.13E-15	-2.63127	1	1 BTF3L4P3	K01527
ENSG00000213109	5.13E-15	-2.63127	1	1 RP11-55K22.2	K02936
ENSG00000213110	5.13E-15	-2.63127	1	1 AC019178.2	K11980
ENSG00000213113	5.13E-15	-2.63127	1	1 TUBB8P8	K07375
ENSG00000213115	5.13E-15	-2.63127	1	1 AC104131.1	-
ENSG00000213117	5.13E-15	-2.63127	1	1 RP3-352A20.1	K06990
ENSG00000213120	5.13E-15	-2.63127	1	1 LIN28AP1	K18754
ENSG00000213121	5.13E-15	-2.63127	1	1 AL590867.1	-
ENSG00000213122	5.13E-15	-2.63127	1	1 RPL23AP46	K02893
ENSG00000213126	5.13E-15	-2.63127	1	1 AC092642.1	K12859
ENSG00000213128	5.13E-15	-2.63127	1	1 RPL32P31	K02912
ENSG00000213133	5.13E-15	-2.63127	1	1 PPP1R14BP5	K17555
ENSG00000213137	5.13E-15	-2.63127	1	1 ARF1P2	K07937
ENSG00000213140	5.13E-15	-2.63127	1	1 ELK2AP	K04375

ENSG00000213147	5.13E-15	-2.63127	1	1 RPL23AP60	K02893
ENSG00000213148	5.13E-15	-2.63127	1	1 AC073465.1	-
ENSG00000213150	5.13E-15	-2.63127	1	1 RP11-346C16.2	K06124
ENSG00000213152	5.13E-15	-2.63127	1	1 RPL7AP60	K02936
ENSG00000213153	5.13E-15	-2.63127	1	1 RP11-259P6.3	-
ENSG00000213155	5.13E-15	-2.63127	1	1 RP11-252O18.3	-
ENSG00000213157	5.13E-15	-2.63127	1	1 RP11-259P15.1	K02912
ENSG00000213158	5.13E-15	-2.63127	1	1 GAPDHP36	K00134
ENSG00000213159	5.13E-15	-2.63127	1	1 CEND1P1	-
ENSG00000213165	5.13E-15	-2.63127	1	1 AC090425.1	K12581
ENSG00000213167	5.13E-15	-2.63127	1	1 AL591516.4	K17985
ENSG00000213170	5.13E-15	-2.63127	1	1 RP11-81B10.2	K07953
ENSG00000213171	5.13E-15	-2.63127	1	1 LINGO4	-
ENSG00000213172	5.13E-15	-2.63127	1	1 RP1-228H13.2	K02865
ENSG00000213174	5.13E-15	-2.63127	1	1 RP11-373E16.1	K02903
ENSG00000213176	5.13E-15	-2.63127	1	1 RPL13P6	K02873
ENSG00000213177	5.13E-15	-2.63127	1	1 PRDX2P4	K03386
ENSG00000213179	5.13E-15	-2.63127	1	1 RPL17P41	K02880
ENSG00000213180	5.13E-15	-2.63127	1	1 RPL36AP48	K02929
ENSG00000213181	5.13E-15	-2.63127	1	1 OR10N1P	K04257
ENSG00000213182	5.13E-15	-2.63127	1	1 OR10D5P	K04257
ENSG00000213183	5.13E-15	-2.63127	1	1 RPS7P8	K02993
ENSG00000213184	5.13E-15	-2.63127	1	1 RP11-335F8.2	K10684
ENSG00000213187	5.13E-15	-2.63127	1	1 COPS5P1	K09613
ENSG00000213194	5.13E-15	-2.63127	1	1 AC016732.2	K02202
ENSG00000213197	5.13E-15	-2.63127	1	1 AC012066.1	-
ENSG00000213201	5.13E-15	-2.63127	1	1 FABP5P10	K08754
ENSG00000213203	5.13E-15	-2.63127	1	1 GIMAP1	-
ENSG00000213205	5.13E-15	-2.63127	1	1 STRADBP1	K17532
ENSG00000213209	5.13E-15	-2.63127	1	1 AC005229.7	-
ENSG00000213210	5.13E-15	-2.63127	1	1 AC005229.5	K02912
ENSG00000213211	5.13E-15	-2.63127	1	1 KRT18P64	K07604
ENSG00000213215	5.13E-15	-2.63127	1	1 OR2F1	K04257
ENSG00000213218	5.13E-15	-2.63127	1	1 CSH2	K05438
ENSG00000213226	5.13E-15	-2.63127	1	1 RP11-337C18.4	K13948
ENSG00000213231	5.13E-15	-2.63127	1	1 TCL1B	K16836
ENSG00000213232	5.13E-15	-2.63127	1	1 PPP1R2P10	K16833
ENSG00000213233	5.13E-15	-2.63127	1	1 RPL23AP62	K02893
ENSG00000213234	5.13E-15	-2.63127	1	1 ST13P10	K09560
ENSG00000213235	5.13E-15	-2.63127	1	1 EEF1A1P16	K03231
ENSG00000213237	5.13E-15	-2.63127	1	1 AC008155.1	K13784
ENSG00000213238	5.13E-15	-2.63127	1	1 AC008155.2	K02962
ENSG00000213244	5.13E-15	-2.63127	1	1 HIST2H3DP1	K11253
ENSG00000213247	5.13E-15	-2.63127	1	1 RP11-479A21.1	-
ENSG00000213264	5.13E-15	-2.63127	1	1 NIP7P2	K07565
ENSG00000213265	5.13E-15	-2.63127	1	1 TSGA13	K04613
ENSG00000213269	5.13E-15	-2.63127	1	1 AC004386.4	K02991
ENSG00000213270	5.13E-15	-2.63127	1	1 RPL6P25	K02934
ENSG00000213272	5.13E-15	-2.63127	1	1 RP11-613M5.1	K02936
ENSG00000213275	5.13E-15	-2.63127	1	1 IFITM9P	K06566
ENSG00000213285	5.13E-15	-2.63127	1	1 AC138031.1	K02893
ENSG00000213287	5.13E-15	-2.63127	1	1 RP11-680L20.1	K17769
ENSG00000213291	5.13E-15	-2.63127	1	1 RP11-420H19.3	K02910
ENSG00000213295	5.13E-15	-2.63127	1	1 AC092106.2	K02891
ENSG00000213296	5.13E-15	-2.63127	1	1 RP5-1106E3.1	K02981
ENSG00000213297	5.13E-15	-2.63127	1	1 ZNF625-ZNF20	K09228
ENSG00000213301	5.13E-15	-2.63127	1	1 HMGB3P11	K11296
ENSG00000213302	5.13E-15	-2.63127	1	1 RP11-560I19.2	K02910

ENSG00000213303	5.13E-15	-2.63127	1	1 CTC-398G3.2	K02951
ENSG00000213304	5.13E-15	-2.63127	1	1 CTC-398G3.1	K02882
ENSG00000213305	5.13E-15	-2.63127	1	1 HNRNPCP6	K12884
ENSG00000213307	5.13E-15	-2.63127	1	1 RPL18P11	K02883
ENSG00000213309	5.13E-15	-2.63127	1	1 RPL9P18	K02940
ENSG00000213310	5.13E-15	-2.63127	1	1 CYCSP19	K08738
ENSG00000213316	5.13E-15	-2.63127	1	1 LTC4S	K00807
ENSG00000213318	5.13E-15	-2.63127	1	1 RP11-331F4.1	K02987
ENSG00000213328	5.13E-15	-2.63127	1	1 RP11-281O15.2	K17823
ENSG00000213331	5.13E-15	-2.63127	1	1 RP11-713C19.2	K11188
ENSG00000213332	5.13E-15	-2.63127	1	1 SLC25A5P6	K05863
ENSG00000213333	5.13E-15	-2.63127	1	1 NPM1P50	K11276
ENSG00000213335	5.13E-15	-2.63127	1	1 CLNS1AP1	K05019
ENSG00000213338	5.13E-15	-2.63127	1	1 ATF4P1	K04374
ENSG00000213343	5.13E-15	-2.63127	1	1 RP11-118B13.1	K02889
ENSG00000213344	5.13E-15	-2.63127	1	1 PCNPP3	—
ENSG00000213355	5.13E-15	-2.63127	1	1 CNN2P8	—
ENSG00000213356	5.13E-15	-2.63127	1	1 AC018696.6	K17985
ENSG00000213358	5.13E-15	-2.63127	1	1 AC092933.4	K15696
ENSG00000213361	5.13E-15	-2.63127	1	1 RP4-778K6.1	K02920
ENSG00000213362	5.13E-15	-2.63127	1	1 FTH1P12	K00522
ENSG00000213363	5.13E-15	-2.63127	1	1 RPS3P6	K02985
ENSG00000213365	5.13E-15	-2.63127	1	1 AP000593.6	K12836
ENSG00000213368	5.13E-15	-2.63127	1	1 ST13P11	K09560
ENSG00000213370	5.13E-15	-2.63127	1	1 RANP6	K07936
ENSG00000213371	5.13E-15	-2.63127	1	1 NAP1L1P3	K11279
ENSG00000213373	5.13E-15	-2.63127	1	1 LINC00671	—
ENSG00000213375	5.13E-15	-2.63127	1	1 AC068279.1	K17985
ENSG00000213383	5.13E-15	-2.63127	1	1 AC104297.1	K01507
ENSG00000213384	5.13E-15	-2.63127	1	1 EIF4E2P1	K03259
ENSG00000213386	5.13E-15	-2.63127	1	1 RP11-779O18.2	—
ENSG00000213391	5.13E-15	-2.63127	1	1 RP11-66N11.6	—
ENSG00000213393	5.13E-15	-2.63127	1	1 RP11-546B8.1	K02885
ENSG00000213397	5.13E-15	-2.63127	1	1 HAUS7	K16590
ENSG00000213399	5.13E-15	-2.63127	1	1 AC022210.2	K02981
ENSG00000213400	5.13E-15	-2.63127	1	1 RPL12P18	K02870
ENSG00000213403	5.13E-15	-2.63127	1	1 CISD1P1	—
ENSG00000213406	5.13E-15	-2.63127	1	1 ANXA2P1	K17092
ENSG00000213410	5.13E-15	-2.63127	1	1 AC009951.2	K12022
ENSG00000213411	5.13E-15	-2.63127	1	1 RBM22P2	K12872
ENSG00000213414	5.13E-15	-2.63127	1	1 CTB-47B8.5	K09554
ENSG00000213416	5.13E-15	-2.63127	1	1 KRTAP4-12	—
ENSG00000213417	5.13E-15	-2.63127	1	1 KRTAP2-4	—
ENSG00000213421	5.13E-15	-2.63127	1	1 RP11-84O12.2	K02936
ENSG00000213423	5.13E-15	-2.63127	1	1 RBMX2P2	K13107
ENSG00000213424	5.13E-15	-2.63127	1	1 KRT222	—
ENSG00000213431	5.13E-15	-2.63127	1	1 RP11-301G23.1	—
ENSG00000213435	5.13E-15	-2.63127	1	1 ATP6V0CP3	K02155
ENSG00000213439	5.13E-15	-2.63127	1	1 OR5AC1	K04257
ENSG00000213440	5.13E-15	-2.63127	1	1 H2AFZP1	K11251
ENSG00000213448	5.13E-15	-2.63127	1	1 RPS23P2	K02973
ENSG00000213449	5.13E-15	-2.63127	1	1 GAPDHP28	K00134
ENSG00000213450	5.13E-15	-2.63127	1	1 VDAC1P7	K05862
ENSG00000213451	5.13E-15	-2.63127	1	1 OR6C69P	K04257
ENSG00000213452	5.13E-15	-2.63127	1	1 AKR1B1P2	K00011
ENSG00000213455	5.13E-15	-2.63127	1	1 AC091654.7	K03767
ENSG00000213461	5.13E-15	-2.63127	1	1 RP13-235E23.1	K02912
ENSG00000213467	5.13E-15	-2.63127	1	1 HMGB1P37	K10802

ENSG00000213470	5.13E-15	-2.63127	1	1 RP11-972K6.1	K02910
ENSG00000213478	5.13E-15	-2.63127	1	1 CFL1P2	K05765
ENSG00000213480	5.13E-15	-2.63127	1	1 RP11-364P2.2	—
ENSG00000213483	5.13E-15	-2.63127	1	1 NDUFAF4P2	K18161
ENSG00000213484	5.13E-15	-2.63127	1	1 EIF4A1P8	K03257
ENSG00000213486	5.13E-15	-2.63127	1	1 AC108039.1	K02875
ENSG00000213487	5.13E-15	-2.63127	1	1 ASS1P4	K01940
ENSG00000213488	5.13E-15	-2.63127	1	1 CTB-85P21.1	K02940
ENSG00000213489	5.13E-15	-2.63127	1	1 RP13-147D17.1	—
ENSG00000213493	5.13E-15	-2.63127	1	1 ACTN4P1	K05699
ENSG00000213494	5.13E-15	-2.63127	1	1 CCL14	K05514
ENSG00000213495	5.13E-15	-2.63127	1	1 RP11-416L21.1	K02898
ENSG00000213498	5.13E-15	-2.63127	1	1 TPT1P13	—
ENSG00000213500	5.13E-15	-2.63127	1	1 LAP3P2	K11142
ENSG00000213509	5.13E-15	-2.63127	1	1 PPIAP16	K03767
ENSG00000213512	5.13E-15	-2.63127	1	1 GBP7	—
ENSG00000213522	5.13E-15	-2.63127	1	1 RAC1P5	K04392
ENSG00000213525	5.13E-15	-2.63127	1	1 RP11-383B24.3	—
ENSG00000213526	5.13E-15	-2.63127	1	1 SETP8	K11290
ENSG00000213527	5.13E-15	-2.63127	1	1 RP11-591L14.1	K02951
ENSG00000213530	5.13E-15	-2.63127	1	1 MTHFD2P5	K13403
ENSG00000213536	5.13E-15	-2.63127	1	1 GNG5P1	K04542
ENSG00000213538	5.13E-15	-2.63127	1	1 KRT8P41	K07605
ENSG00000213539	5.13E-15	-2.63127	1	1 YBX1P6	K09276
ENSG00000213543	5.13E-15	-2.63127	1	1 RARRES2P2	K10044
ENSG00000213547	5.13E-15	-2.63127	1	1 VN1R64P	K04614
ENSG00000213548	5.13E-15	-2.63127	1	1 AC005522.6	K03767
ENSG00000213549	5.13E-15	-2.63127	1	1 AC005077.8	K03687
ENSG00000213558	5.13E-15	-2.63127	1	1 HMGN2P32	K11300
ENSG00000213560	5.13E-15	-2.63127	1	1 RP11-386I14.3	K13251
ENSG00000213561	5.13E-15	-2.63127	1	1 RP11-386I14.2	K13566
ENSG00000213568	5.13E-15	-2.63127	1	1 HNRNPA1P13	K12741
ENSG00000213574	5.13E-15	-2.63127	1	1 LDHAP5	K00016
ENSG00000213578	5.13E-15	-2.63127	1	1 CPLX3	K15295
ENSG00000213579	5.13E-15	-2.63127	1	1 RP4-595K12.1	K02905
ENSG00000213587	5.13E-15	-2.63127	1	1 RP11-646D13.1	K03767
ENSG00000213588	5.13E-15	-2.63127	1	1 ZBTB9	K10496
ENSG00000213594	5.13E-15	-2.63127	1	1 GAPDHP25	K00134
ENSG00000213599	5.13E-15	-2.63127	1	1 SLX1A-SULT1A3	—
ENSG00000213600	5.13E-15	-2.63127	1	1 U73169.1	—
ENSG00000213601	5.13E-15	-2.63127	1	1 KRT18P19	K07604
ENSG00000213604	5.13E-15	-2.63127	1	1 RP11-444K7.8	—
ENSG00000213605	5.13E-15	-2.63127	1	1 AC111200.2	K02976
ENSG00000213606	5.13E-15	-2.63127	1	1 AKR1B10P1	K00011
ENSG00000213607	5.13E-15	-2.63127	1	1 OR4A45P	K04257
ENSG00000213608	5.13E-15	-2.63127	1	1 SLC25A14P1	K15106
ENSG00000213620	5.13E-15	-2.63127	1	1 AL121657.4	K02889
ENSG00000213622	5.13E-15	-2.63127	1	1 AL163952.1	—
ENSG00000213630	5.13E-15	-2.63127	1	1 RP11-772E11.1	—
ENSG00000213640	5.13E-15	-2.63127	1	1 RP11-797H7.3	K15410
ENSG00000213641	5.13E-15	-2.63127	1	1 RPL7AP4	K02936
ENSG00000213642	5.13E-15	-2.63127	1	1 RP11-561N12.5	K06773
ENSG00000213643	5.13E-15	-2.63127	1	1 VN1R37P	K04614
ENSG00000213644	5.13E-15	-2.63127	1	1 RP11-165H4.3	—
ENSG00000213645	5.13E-15	-2.63127	1	1 SLC25A1P3	K15100
ENSG00000213650	5.13E-15	-2.63127	1	1 RP11-760D2.7	K06630
ENSG00000213652	5.13E-15	-2.63127	1	1 HMGB3P30	K11296
ENSG00000213653	5.13E-15	-2.63127	1	1 RPL22P22	K02891

ENSG00000213654	5.13E-15	-2.63127	1	1 GPSM3	K15838
ENSG00000213655	5.13E-15	-2.63127	1	1 CTD-2347I17.1	K12160
ENSG00000213657	5.13E-15	-2.63127	1	1 RP11-346D6.4	K02910
ENSG00000213659	5.13E-15	-2.63127	1	1 RSU1P3	—
ENSG00000213661	5.13E-15	-2.63127	1	1 RP11-510I6.2	K02883
ENSG00000213663	5.13E-15	-2.63127	1	1 CTD-2158P22.1	K02889
ENSG00000213664	5.13E-15	-2.63127	1	1 RPS16P8	K02960
ENSG00000213667	5.13E-15	-2.63127	1	1 PGGT1BP1	K11713
ENSG00000213669	5.13E-15	-2.63127	1	1 RP11-476B13.2	K02889
ENSG00000213684	5.13E-15	-2.63127	1	1 LDHBP2	K00016
ENSG00000213686	5.13E-15	-2.63127	1	1 DUSP8P1	K04459
ENSG00000213690	5.13E-15	-2.63127	1	1 RP11-513D4.1	—
ENSG00000213695	5.13E-15	-2.63127	1	1 RPS7P14	K02993
ENSG00000213697	5.13E-15	-2.63127	1	1 CTBP2P6	K04496
ENSG00000213698	5.13E-15	-2.63127	1	1 RP1-172N19.4	K10364
ENSG00000213701	5.13E-15	-2.63127	1	1 SETP22	K11290
ENSG00000213702	5.13E-15	-2.63127	1	1 AC008865.1	—
ENSG00000213704	5.13E-15	-2.63127	1	1 EEF1A1P15	K03231
ENSG00000213706	5.13E-15	-2.63127	1	1 AL590762.7	K07863
ENSG00000213708	5.13E-15	-2.63127	1	1 SLC16A14P1	K08190
ENSG00000213711	5.13E-15	-2.63127	1	1 PHBP7	K17080
ENSG00000213716	5.13E-15	-2.63127	1	1 FABP5P5	—
ENSG00000213719	5.13E-15	-2.63127	1	1 CLIC1	K05021
ENSG00000213721	5.13E-15	-2.63127	1	1 HMGN2P30	K11300
ENSG00000213722	5.13E-15	-2.63127	1	1 DDAH2	K01482
ENSG00000213724	5.13E-15	-2.63127	1	1 PRDX2P2	K03386
ENSG00000213726	5.13E-15	-2.63127	1	1 RPS2P52	K02981
ENSG00000213727	5.13E-15	-2.63127	1	1 LA16c-60G3.7	—
ENSG00000213729	5.13E-15	-2.63127	1	1 AC098828.3	K02960
ENSG00000213730	5.13E-15	-2.63127	1	1 POLD2P1	K02328
ENSG00000213735	5.13E-15	-2.63127	1	1 ANAPC10P1	K03357
ENSG00000213736	5.13E-15	-2.63127	1	1 RP11-662I13.1	K09699
ENSG00000213739	5.13E-15	-2.63127	1	1 AC007679.1	K03767
ENSG00000213744	5.13E-15	-2.63127	1	1 RPS10P14	K02947
ENSG00000213747	5.13E-15	-2.63127	1	1 RP13-278H16.2	K18463
ENSG00000213752	5.13E-15	-2.63127	1	1 CTA-268H5.9	K02947
ENSG00000213754	5.13E-15	-2.63127	1	1 RP11-284B18.3	K18083
ENSG00000213755	5.13E-15	-2.63127	1	1 RP11-342F17.1	K02905
ENSG00000213759	5.13E-15	-2.63127	1	1 UGT2B11	K00699
ENSG00000213760	5.13E-15	-2.63127	1	1 ATP6V1G2	K02152
ENSG00000213770	5.13E-15	-2.63127	1	1 FAM210CP	—
ENSG00000213772	5.13E-15	-2.63127	1	1 RP11-385J23.1	K03113
ENSG00000213774	5.13E-15	-2.63127	1	1 AC010904.1	—
ENSG00000213777	5.13E-15	-2.63127	1	1 CTD-2224J9.8	K04614
ENSG00000213778	5.13E-15	-2.63127	1	1 HNRNPA1P32	K12741
ENSG00000213779	5.13E-15	-2.63127	1	1 RP11-452G18.1	K02905
ENSG00000213780	5.13E-15	-2.63127	1	1 GTF2H4	K03144
ENSG00000213781	5.13E-15	-2.63127	1	1 PSMC1P2	K03062
ENSG00000213783	5.13E-15	-2.63127	1	1 RPL35P4	K02918
ENSG00000213785	5.13E-15	-2.63127	1	1 RP11-449L13.2	K00011
ENSG00000213786	5.13E-15	-2.63127	1	1 NHP2P2	K11129
ENSG00000213787	5.13E-15	-2.63127	1	1 RPL7AP38	K02936
ENSG00000213790	5.13E-15	-2.63127	1	1 OLA1P1	K06942
ENSG00000213791	5.13E-15	-2.63127	1	1 RP11-941H19.2	K02989
ENSG00000213798	5.13E-15	-2.63127	1	1 AC004129.9	K02936
ENSG00000213816	5.13E-15	-2.63127	1	1 CNN2P4	—
ENSG00000213820	5.13E-15	-2.63127	1	1 RPL13P2	K02873
ENSG00000213822	5.13E-15	-2.63127	1	1 CEACAM18	K06499

ENSG00000213828	5.13E-15	-2.63127	1	1 AC017028.1	-
ENSG00000213842	5.13E-15	-2.63127	1	1 SUGT1P2	K12795
ENSG00000213849	5.13E-15	-2.63127	1	1 AC104306.1	K02910
ENSG00000213851	5.13E-15	-2.63127	1	1 RP11-324J13.1	K02981
ENSG00000213854	5.13E-15	-2.63127	1	1 CNN2P6	-
ENSG00000213856	5.13E-15	-2.63127	1	1 VDAC1P2	K05862
ENSG00000213864	5.13E-15	-2.63127	1	1 EEF1B2P2	K03232
ENSG00000213867	5.13E-15	-2.63127	1	1 RP11-829H16.2	K02901
ENSG00000213873	5.13E-15	-2.63127	1	1 RP11-678D18.1	K03767
ENSG00000213875	5.13E-15	-2.63127	1	1 AC005019.2	K02898
ENSG00000213876	5.13E-15	-2.63127	1	1 RPL7AP64	-
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ENSG00000213880	5.13E-15	-2.63127	1	1 RPL7AP7	K02936
ENSG00000213882	5.13E-15	-2.63127	1	1 CYB5P4	-
ENSG00000213886	5.13E-15	-2.63127	1	1 UBD	K12157
ENSG00000213891	5.13E-15	-2.63127	1	1 RPL3P6	K02925
ENSG00000213892	5.13E-15	-2.63127	1	1 CEACAM16	K06499
ENSG00000213896	5.13E-15	-2.63127	1	1 RP11-546M4.1	K02910
ENSG00000213900	5.13E-15	-2.63127	1	1 RPS17P1	K02962
ENSG00000213908	5.13E-15	-2.63127	1	1 CYP2A7P1	K17685
ENSG00000213911	5.13E-15	-2.63127	1	1 OR2G1P	K04257
ENSG00000213916	5.13E-15	-2.63127	1	1 RPL13P	K02873
ENSG00000213917	5.13E-15	-2.63127	1	1 RPL5P8	K02932
ENSG00000213921	5.13E-15	-2.63127	1	1 LEUTX	-
ENSG00000213922	5.13E-15	-2.63127	1	1 AC011500.1	-
ENSG00000213924	5.13E-15	-2.63127	1	1 HNRNPH1P2	K12898
ENSG00000213925	5.13E-15	-2.63127	1	1 NPM1P33	K11276
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ENSG00000213927	5.13E-15	-2.63127	1	1 CCL27	K16598
ENSG00000213934	5.13E-15	-2.63127	1	1 HBG1	K13824
ENSG00000213935	5.13E-15	-2.63127	1	1 AC092610.12	K02891
ENSG00000213938	5.13E-15	-2.63127	1	1 SEPHS1P6	K01008
ENSG00000213940	5.13E-15	-2.63127	1	1 RP11-94D20.1	K02872
ENSG00000213946	5.13E-15	-2.63127	1	1 DNAJB1P1	K09507
ENSG00000213950	5.13E-15	-2.63127	1	1 RPS10P2	K02947
ENSG00000213954	5.13E-15	-2.63127	1	1 RP11-280O24.1	K02138
ENSG00000213956	5.13E-15	-2.63127	1	1 RP11-269M20.1	K12738
ENSG00000213959	5.13E-15	-2.63127	1	1 RP5-1100H13.3	K10733
ENSG00000213962	5.13E-15	-2.63127	1	1 API5P2	-
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ENSG00000213970	5.13E-15	-2.63127	1	1 RP11-264F23.1	K02958
ENSG00000213971	5.13E-15	-2.63127	1	1 RP11-15H20.6	-
ENSG00000213972	5.13E-15	-2.63127	1	1 RP3-522P13.2	K12741
ENSG00000213973	5.13E-15	-2.63127	1	1 ZNF99	K09228
ENSG00000213979	5.13E-15	-2.63127	1	1 RPL7AP14	K02936
ENSG00000213981	5.13E-15	-2.63127	1	1 AC007277.3	-
ENSG00000213987	5.13E-15	-2.63127	1	1 RP11-399E6.2	K02929
ENSG00000213988	5.13E-15	-2.63127	1	1 ZNF90	K02995
ENSG00000213996	5.13E-15	-2.63127	1	1 TM6SF2	-
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ENSG00000214003	5.13E-15	-2.63127	1	1 ATP5F1P3	K02127
ENSG00000214009	5.13E-15	-2.63127	1	1 PCNAP3	K04802
ENSG00000214012	5.13E-15	-2.63127	1	1 KRT18P38	K07604
ENSG00000214015	5.13E-15	-2.63127	1	1 RP11-414H17.2	-
ENSG00000214016	5.13E-15	-2.63127	1	1 RP6-105D16.1	K02998
ENSG00000214020	5.13E-15	-2.63127	1	1 FTLP4	K13625
ENSG00000214024	5.13E-15	-2.63127	1	1 AC012501.1	K02893
ENSG00000214025	5.13E-15	-2.63127	1	1 ATP5F1P4	K02127

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ENSG00000214035	5.13E-15	-2.63127	1	1 AC073310.4	K15043
ENSG00000214039	5.13E-15	-2.63127	1	1 RP11-474D1.3	-
ENSG00000214041	5.13E-15	-2.63127	1	1 PGAM1P4	K01834
ENSG00000214042	5.13E-15	-2.63127	1	1 IFNA7	K05414
ENSG00000214043	5.13E-15	-2.63127	1	1 RP5-944M2.3	-
ENSG00000214045	5.13E-15	-2.63127	1	1 RP6-186E3.1	K00088
ENSG00000214047	5.13E-15	-2.63127	1	1 RPS11P7	K02949
ENSG00000214051	5.13E-15	-2.63127	1	1 ARF4P3	K07939
ENSG00000214062	5.13E-15	-2.63127	1	1 RPL7P17	-
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ENSG00000214073	5.13E-15	-2.63127	1	1 RPL21P17	K02889
ENSG00000214074	5.13E-15	-2.63127	1	1 RPL23AP39	K02893
ENSG00000214076	5.13E-15	-2.63127	1	1 CPSF1P1	K14401
ENSG00000214077	5.13E-15	-2.63127	1	1 GNAQP1	K04634
ENSG00000214089	5.13E-15	-2.63127	1	1 RP11-256K7.1	K02940
ENSG00000214097	5.13E-15	-2.63127	1	1 SMCO1	-
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ENSG00000214105	5.13E-15	-2.63127	1	1 CTD-2116F7.1	-
ENSG00000214107	5.13E-15	-2.63127	1	1 MAGEB1	-
ENSG00000214109	5.13E-15	-2.63127	1	1 AC008686.1	K12581
ENSG00000214111	5.13E-15	-2.63127	1	1 RP1-258N20.3	K16795
ENSG00000214121	5.13E-15	-2.63127	1	1 TDPX2	K13279
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ENSG00000214132	5.13E-15	-2.63127	1	1 RP11-420O16.2	K14295
ENSG00000214141	5.13E-15	-2.63127	1	1 ACTN4P2	K05699
ENSG00000214142	5.13E-15	-2.63127	1	1 RPL7P60	K02937
ENSG00000214144	5.13E-15	-2.63127	1	1 RP11-488L18.1	K03283
ENSG00000214147	5.13E-15	-2.63127	1	1 RP11-332P22.2	K05746
ENSG00000214161	5.13E-15	-2.63127	1	1 SDC4P	K16338
ENSG00000214164	5.13E-15	-2.63127	1	1 AC018696.5	-
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ENSG00000214179	5.13E-15	-2.63127	1	1 AC112200.1	-
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ENSG00000214189	5.13E-15	-2.63127	1	1 ZNF788	K09228
ENSG00000214190	5.13E-15	-2.63127	1	1 RP11-12D24.7	K15705
ENSG00000214195	5.13E-15	-2.63127	1	1 HMGN2P31	K11300
ENSG00000214199	5.13E-15	-2.63127	1	1 EEF1A1P12	K03231
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ENSG00000214210	5.13E-15	-2.63127	1	1 RP11-208P4.1	K17985
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ENSG00000214245	5.13E-15	-2.63127	1	1 HDHD1P3	K17623
ENSG00000214252	5.13E-15	-2.63127	1	1 AZGP1P2	-
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ENSG00000214255	5.13E-15	-2.63127	1	1 RPS2P6	K02981
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ENSG00000214262	5.13E-15	-2.63127	1	1 ANKRD36BP1	K17299
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ENSG00000214265	5.13E-15	-2.63127	1	1 SNURF	K11100
ENSG00000214266	5.13E-15	-2.63127	1	1 STARP1	K16931
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ENSG00000214269	5.13E-15	-2.63127	1	1 LGMNP1	K01369
ENSG00000214273	5.13E-15	-2.63127	1	1 AGGF1P1	-
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ENSG00000214283	5.13E-15	-2.63127	1	1 RP11-85F14.1	-
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ENSG00000214286	5.13E-15	-2.63127	1	1 PDCL3P3	-
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ENSG00000214290	5.13E-15	-2.63127	1	1 COLCA2	-
ENSG00000214295	5.13E-15	-2.63127	1	1 FOXO1B	K07201
ENSG00000214297	5.13E-15	-2.63127	1	1 ALDOAP2	K01623
ENSG00000214298	5.13E-15	-2.63127	1	1 MRPS21P6	K02970
ENSG00000214301	5.13E-15	-2.63127	1	1 RP11-91K8.4	-
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ENSG00000214324	5.13E-15	-2.63127	1	1 C3orf56	-
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ENSG00000214326	5.13E-15	-2.63127	1	1 RPL31P1	K02910
ENSG00000214329	5.13E-15	-2.63127	1	1 SLC9B1P2	-
ENSG00000214330	5.13E-15	-2.63127	1	1 ABCD1P5	K05675
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ENSG00000214338	5.13E-15	-2.63127	1	1 SOGA3	-
ENSG00000214342	5.13E-15	-2.63127	1	1 ATP5F1P2	K02127
ENSG00000214344	5.13E-15	-2.63127	1	1 OR4F13P	K04257
ENSG00000214347	5.13E-15	-2.63127	1	1 CTB-180A7.8	-
ENSG00000214351	5.13E-15	-2.63127	1	1 OR1X5P	K04257
ENSG00000214354	5.13E-15	-2.63127	1	1 AC133644.3	K16794
ENSG00000214360	5.13E-15	-2.63127	1	1 EFCAB9	-
ENSG00000214362	5.13E-15	-2.63127	1	1 RP11-7D5.2	K02984
ENSG00000214366	5.13E-15	-2.63127	1	1 RP11-138H14.1	K03259
ENSG00000214369	5.13E-15	-2.63127	1	1 AC009967.3	K18674
ENSG00000214374	5.13E-15	-2.63127	1	1 RPLP2P1	K02943
ENSG00000214376	5.13E-15	-2.63127	1	1 VSTM5	-
ENSG00000214381	5.13E-15	-2.63127	1	1 LINC00488	-
ENSG00000214397	5.13E-15	-2.63127	1	1 DKFZP779J2370	-
ENSG00000214405	5.13E-15	-2.63127	1	1 RP11-40M23.1	K07836
ENSG00000214407	5.13E-15	-2.63127	1	1 RP11-221J22.1	-
ENSG00000214414	5.13E-15	-2.63127	1	1 TRIM77	K12019
ENSG00000214415	5.13E-15	-2.63127	1	1 GNAT3	K04631
ENSG00000214417	5.13E-15	-2.63127	1	1 KRT18P13	K07604
ENSG00000214424	5.13E-15	-2.63127	1	1 FAM149B1P1	-
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ENSG00000214434	5.13E-15	-2.63127	1	1 NIFKP1	K14838
ENSG00000214447	5.13E-15	-2.63127	1	1 FAM187A	-
ENSG00000214457	5.13E-15	-2.63127	1	1 RPL7P29	K02937

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ENSG00000214479	5.13E-15	-2.63127	1	1 AL139333.1	-
ENSG00000214484	5.13E-15	-2.63127	1	1 AC074008.1	K02998
ENSG00000214487	5.13E-15	-2.63127	1	1 OR7E148P	K04257
ENSG00000214491	5.13E-15	-2.63127	1	1 SEC14L6	K17985
ENSG00000214511	5.13E-15	-2.63127	1	1 HIGD1C	-
ENSG00000214513	5.13E-15	-2.63127	1	1 NOTO	K17985
ENSG00000214518	5.13E-15	-2.63127	1	1 KRTAP2-2	-
ENSG00000214525	5.13E-15	-2.63127	1	1 AC130709.1	-
ENSG00000214526	5.13E-15	-2.63127	1	1 AP000343.1	K02947
ENSG00000214533	5.13E-15	-2.63127	1	1 KRT18P33	K07604
ENSG00000214541	5.13E-15	-2.63127	1	1 RPS4XP3	K02987
ENSG00000214549	5.13E-15	-2.63127	1	1 SDHCP2	K00236
ENSG00000214553	5.13E-15	-2.63127	1	1 LRRC37A11P	K01185
ENSG00000214556	5.13E-15	-2.63127	1	1 C17orf98	-
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ENSG00000214561	5.13E-15	-2.63127	1	1 RBBP4P4	K10752
ENSG00000214563	5.13E-15	-2.63127	1	1 GAPDHP15	K00134
ENSG00000214566	5.13E-15	-2.63127	1	1 GAPDHP41	K00134
ENSG00000214578	5.13E-15	-2.63127	1	1 HMG2P15	K11300
ENSG00000214581	5.13E-15	-2.63127	1	1 RP11-80F22.10	K09228
ENSG00000214584	5.13E-15	-2.63127	1	1 PGGT1BP2	K11713
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ENSG00000214602	5.13E-15	-2.63127	1	1 CTBP2P5	K04496
ENSG00000214604	5.13E-15	-2.63127	1	1 NPM1P36	K11276
ENSG00000214607	5.13E-15	-2.63127	1	1 ADAM24P	K08609
ENSG00000214612	5.13E-15	-2.63127	1	1 RPS19P1	K02966
ENSG00000214614	5.13E-15	-2.63127	1	1 RP11-989E6.3	-
ENSG00000214617	5.13E-15	-2.63127	1	1 SLC6A10P	K05039
ENSG00000214626	5.13E-15	-2.63127	1	1 POLR3DP1	K03026
ENSG00000214628	5.13E-15	-2.63127	1	1 RP11-392M9.2	K03961
ENSG00000214629	5.13E-15	-2.63127	1	1 RPSAP6	K02998
ENSG00000214641	5.13E-15	-2.63127	1	1 RP11-793K1.1	K02957
ENSG00000214642	5.13E-15	-2.63127	1	1 DEFB113	-
ENSG00000214643	5.13E-15	-2.63127	1	1 DEFB133	-
ENSG00000214645	5.13E-15	-2.63127	1	1 AL162389.1	-
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ENSG00000214651	5.13E-15	-2.63127	1	1 RP11-477J21.2	K02147
ENSG00000214652	5.13E-15	-2.63127	1	1 RP11-3N2.13	K09228
ENSG00000214657	5.13E-15	-2.63127	1	1 RP11-120J4.1	K02942
ENSG00000214660	5.13E-15	-2.63127	1	1 SLC29A4P2	K03323
ENSG00000214668	5.13E-15	-2.63127	1	1 SLC29A4P1	K03323
ENSG00000214669	5.13E-15	-2.63127	1	1 RP11-18B16.1	-
ENSG00000214670	5.13E-15	-2.63127	1	1 AC007956.1	K12479
ENSG00000214671	5.13E-15	-2.63127	1	1 RPL6P12	K02934
ENSG00000214676	5.13E-15	-2.63127	1	1 RPL9P16	K02940
ENSG00000214681	5.13E-15	-2.63127	1	1 IQCF5	-
ENSG00000214684	5.13E-15	-2.63127	1	1 AC003045.1	-
ENSG00000214686	5.13E-15	-2.63127	1	1 IQCF6	-
ENSG00000214696	5.13E-15	-2.63127	1	1 AC007347.1	K17985
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ENSG00000214720	5.13E-15	-2.63127	1	1 KRT18P49	K07604
ENSG00000214727	5.13E-15	-2.63127	1	1 RPL5P35	K02932
ENSG00000214732	5.13E-15	-2.63127	1	1 RP1-139D8.6	-
ENSG00000214736	5.13E-15	-2.63127	1	1 TOMM6	K17772
ENSG00000214743	5.13E-15	-2.63127	1	1 MRPS5P3	K02988

ENSG00000214745	5.13E-15	-2.63127	1	1 RP11-54I5.1	K14455
ENSG00000214748	5.13E-15	-2.63127	1	1 RP11-332E4.1	K02903
ENSG00000214754	5.13E-15	-2.63127	1	1 AC004870.5	K12891
ENSG00000214759	5.13E-15	-2.63127	1	1 CTD-2509G16.1	K02929
ENSG00000214760	5.13E-15	-2.63127	1	1 RPL21P1	K02889
ENSG00000214761	5.13E-15	-2.63127	1	1 HNRNPA1P15	K12741
ENSG00000214773	5.13E-15	-2.63127	1	1 RP11-717D12.1	_
ENSG00000214782	5.13E-15	-2.63127	1	1 MS4A18	_
ENSG00000214787	5.13E-15	-2.63127	1	1 MS4A4E	K12900
ENSG00000214788	5.13E-15	-2.63127	1	1 OOSP1	_
ENSG00000214794	5.13E-15	-2.63127	1	1 KRT18P42	K07604
ENSG00000214797	5.13E-15	-2.63127	1	1 RP11-1036E20.9	_
ENSG00000214803	5.13E-15	-2.63127	1	1 RP11-37N22.1	_
ENSG00000214807	5.13E-15	-2.63127	1	1 NPM1P31	K11276
ENSG00000214812	5.13E-15	-2.63127	1	1 RP5-1053E7.3	K07955
ENSG00000214814	5.13E-15	-2.63127	1	1 FER1L6	_
ENSG00000214815	5.13E-15	-2.63127	1	1 AC008265.2	K00088
ENSG00000214819	5.13E-15	-2.63127	1	1 CDRT15L2	_
ENSG00000214820	5.13E-15	-2.63127	1	1 MPRIPP1	_
ENSG00000214821	5.13E-15	-2.63127	1	1 HMGB1P4	K10802
ENSG00000214823	5.13E-15	-2.63127	1	1 NXT1P1	K14285
ENSG00000214825	5.13E-15	-2.63127	1	1 EI24P3	K10134
ENSG00000214827	5.13E-15	-2.63127	1	1 MTCP1	K16837
ENSG00000214835	5.13E-15	-2.63127	1	1 RPL23AP6	K02893
ENSG00000214837	5.13E-15	-2.63127	1	1 RP11-261C10.3	_
ENSG00000214841	5.13E-15	-2.63127	1	1 AC005493.1	_
ENSG00000214842	5.13E-15	-2.63127	1	1 RAD51AP2	_
ENSG00000214843	5.13E-15	-2.63127	1	1 ZFYVE9P2	K04679
ENSG00000214844	5.13E-15	-2.63127	1	1 AC007952.1	K04364
ENSG00000214846	5.13E-15	-2.63127	1	1 RP11-115L11.1	K02865
ENSG00000214853	5.13E-15	-2.63127	1	1 RP11-509M23.1	K03767
ENSG00000214854	5.13E-15	-2.63127	1	1 AL031590.1	_
ENSG00000214855	5.13E-15	-2.63127	1	1 APOC1P1	_
ENSG00000214857	5.13E-15	-2.63127	1	1 SHFM1P1	K10881
ENSG00000214866	5.13E-15	-2.63127	1	1 DCDC2C	_
ENSG00000214867	5.13E-15	-2.63127	1	1 SRSF9P1	K12890
ENSG00000214869	5.13E-15	-2.63127	1	1 TPM3P4	K09290
ENSG00000214870	5.13E-15	-2.63127	1	1 AC004540.5	_
ENSG00000214872	5.13E-15	-2.63127	1	1 SMTNL1	_
ENSG00000214878	5.13E-15	-2.63127	1	1 RPL5P31	K02932
ENSG00000214880	5.13E-15	-2.63127	1	1 OR7E5P	K04257
ENSG00000214881	5.13E-15	-2.63127	1	1 TMEM14D	_
ENSG00000214883	5.13E-15	-2.63127	1	1 RP11-574M7.2	K13184
ENSG00000214888	5.13E-15	-2.63127	1	1 XXyac-YM21GA2.7	_
ENSG00000214889	5.13E-15	-2.63127	1	1 RPS9P1	K02997
ENSG00000214890	5.13E-15	-2.63127	1	1 CTD-2299I21.1	_
ENSG00000214891	5.13E-15	-2.63127	1	1 TRIM64C	K12019
ENSG00000214892	5.13E-15	-2.63127	1	1 USP8P1	K11839
ENSG00000214894	5.13E-15	-2.63127	1	1 LINC00243	_
ENSG00000214896	5.13E-15	-2.63127	1	1 RPSAP55	K02998
ENSG00000214897	5.13E-15	-2.63127	1	1 U82695.5	_
ENSG00000214903	5.13E-15	-2.63127	1	1 RPS15AP3	K02957
ENSG00000214904	5.13E-15	-2.63127	1	1 DUTP8	K01520
ENSG00000214908	5.13E-15	-2.63127	1	1 RP11-229M1.2	K02991
ENSG00000214914	5.13E-15	-2.63127	1	1 RPL23AP3	K02893
ENSG00000214915	5.13E-15	-2.63127	1	1 XX-FW80269A6.1	_
ENSG00000214917	5.13E-15	-2.63127	1	1 RP11-53I6.1	K02957
ENSG00000214919	5.13E-15	-2.63127	1	1 AC104472.1	K12581

ENSG00000214921	5.13E-15	-2.63127	1	1 AC003102.1	K01557
ENSG00000214922	5.13E-15	-2.63127	1	1 HLA-F-AS1	-
ENSG00000214925	5.13E-15	-2.63127	1	1 RP3-507I15.1	K02929
ENSG00000214929	5.13E-15	-2.63127	1	1 SPATA31D1	-
ENSG00000214930	5.13E-15	-2.63127	1	1 KRT8P6	K07605
ENSG00000214942	5.13E-15	-2.63127	1	1 AC113167.1	-
ENSG00000214943	5.13E-15	-2.63127	1	1 GPR33	K08382
ENSG00000214955	5.13E-15	-2.63127	1	1 AP000318.2	-
ENSG00000214960	5.13E-15	-2.63127	1	1 ISPD	K09276
ENSG00000214961	5.13E-15	-2.63127	1	1 RP11-355K23B.1	-
ENSG00000214970	5.13E-15	-2.63127	1	1 CTC-297N7.7	-
ENSG00000214976	5.13E-15	-2.63127	1	1 VDAC2P1	K15040
ENSG00000214980	5.13E-15	-2.63127	1	1 RP11-274J2.1	K19486
ENSG00000214985	5.13E-15	-2.63127	1	1 AL591516.5	K17985
ENSG00000214986	5.13E-15	-2.63127	1	1 FAM25D	-
ENSG00000214988	5.13E-15	-2.63127	1	1 RPL7AP26	K02936
ENSG00000214992	5.13E-15	-2.63127	1	1 AKAP17BP	K13169
ENSG00000215000	5.13E-15	-2.63127	1	1 RP1-31B8.1	-
ENSG00000215002	5.13E-15	-2.63127	1	1 RP11-446H13.2	K02893
ENSG00000215003	5.13E-15	-2.63127	1	1 RPL15P20	K02877
ENSG00000215004	5.13E-15	-2.63127	1	1 MESTP4	-
ENSG00000215005	5.13E-15	-2.63127	1	1 HSPD1P7	K04077
ENSG00000215006	5.13E-15	-2.63127	1	1 CHCHD2P2	K00901
ENSG00000215007	5.13E-15	-2.63127	1	1 DNAJA1P3	K09502
ENSG00000215016	5.13E-15	-2.63127	1	1 RPL24P7	K02896
ENSG00000215020	5.13E-15	-2.63127	1	1 AL591684.1	-
ENSG00000215024	5.13E-15	-2.63127	1	1 DUSP8P2	K04459
ENSG00000215029	5.13E-15	-2.63127	1	1 TCP11X2	K14284
ENSG00000215034	5.13E-15	-2.63127	1	1 DSTNP4	K10363
ENSG00000215035	5.13E-15	-2.63127	1	1 FDPSP5	K00787
ENSG00000215037	5.13E-15	-2.63127	1	1 VENTXP2	-
ENSG00000215043	5.13E-15	-2.63127	1	1 GLULP6	K01915
ENSG00000215044	5.13E-15	-2.63127	1	1 AHCYP1	K01251
ENSG00000215046	5.13E-15	-2.63127	1	1 TCP11X1	-
ENSG00000215049	5.13E-15	-2.63127	1	1 PRDX2P1	K03386
ENSG00000215054	5.13E-15	-2.63127	1	1 HNRNPCP10	K12884
ENSG00000215057	5.13E-15	-2.63127	1	1 PKMP5	K00873
ENSG00000215063	5.13E-15	-2.63127	1	1 RPL21P2	K02889
ENSG00000215066	5.13E-15	-2.63127	1	1 C9orf38	K02927
ENSG00000215070	5.13E-15	-2.63127	1	1 XRCC6P5	K10884
ENSG00000215085	5.13E-15	-2.63127	1	1 RP11-471G13.2	K15203
ENSG00000215088	5.13E-15	-2.63127	1	1 RPS5P3	K02989
ENSG00000215089	5.13E-15	-2.63127	1	1 KRT18P11	K07604
ENSG00000215093	5.13E-15	-2.63127	1	1 EEF1A1P29	K03231
ENSG00000215094	5.13E-15	-2.63127	1	1 RP11-244K5.7	-
ENSG00000215096	5.13E-15	-2.63127	1	1 IFITM8P	K06566
ENSG00000215097	5.13E-15	-2.63127	1	1 DUSP8P3	K04459
ENSG00000215104	5.13E-15	-2.63127	1	1 CHMP1B2P	K12197
ENSG00000215110	5.13E-15	-2.63127	1	1 RP11-790I12.1	K00699
ENSG00000215112	5.13E-15	-2.63127	1	1 FAM74A5	-
ENSG00000215113	5.13E-15	-2.63127	1	1 CXorf49B	-
ENSG00000215115	5.13E-15	-2.63127	1	1 CXorf49	-
ENSG00000215117	5.13E-15	-2.63127	1	1 LINC00588	-
ENSG00000215120	5.13E-15	-2.63127	1	1 AL590763.5	K04699
ENSG00000215124	5.13E-15	-2.63127	1	1 RP3-420J14.1	K01611
ENSG00000215127	5.13E-15	-2.63127	1	1 SYT14L	K19328
ENSG00000215131	5.13E-15	-2.63127	1	1 C16orf90	-
ENSG00000215142	5.13E-15	-2.63127	1	1 RP11-292B8.1	-

ENSG00000215148	5.13E-15	-2.63127	1	1 PRSS41	K09625
ENSG00000215149	5.13E-15	-2.63127	1	1 KRT18P32	K07604
ENSG00000215151	5.13E-15	-2.63127	1	1 ABCD1P2	K05675
ENSG00000215159	5.13E-15	-2.63127	1	1 RP11-629N8.3	-
ENSG00000215160	5.13E-15	-2.63127	1	1 OR7E122P	K04257
ENSG00000215162	5.13E-15	-2.63127	1	1 LINC00269	-
ENSG00000215165	5.13E-15	-2.63127	1	1 RP11-403F21.3	K03145
ENSG00000215168	5.13E-15	-2.63127	1	1 RP11-30M20.1	K11363
ENSG00000215174	5.13E-15	-2.63127	1	1 RP13-487C10.1	K19409
ENSG00000215177	5.13E-15	-2.63127	1	1 IGLV8OR8-1	-
ENSG00000215179	5.13E-15	-2.63127	1	1 MAPK6PS4	K06855
ENSG00000215182	5.13E-15	-2.63127	1	1 MUC5AC	K13908
ENSG00000215183	5.13E-15	-2.63127	1	1 MSMP	-
ENSG00000215184	5.13E-15	-2.63127	1	1 RP11-8L18.2	K02951
ENSG00000215186	5.13E-15	-2.63127	1	1 GOLGA6B	-
ENSG00000215197	5.13E-15	-2.63127	1	1 PGAM4P1	K01834
ENSG00000215198	5.13E-15	-2.63127	1	1 RP11-182N22.7	K09228
ENSG00000215203	5.13E-15	-2.63127	1	1 GRXCR1	K17479
ENSG00000215206	5.13E-15	-2.63127	1	1 TRBV24OR9-2	K10785
ENSG00000215208	5.13E-15	-2.63127	1	1 KRT18P60	K07604
ENSG00000215217	5.13E-15	-2.63127	1	1 C5orf49	-
ENSG00000215218	5.13E-15	-2.63127	1	1 UBE2QL1	K10582
ENSG00000215223	5.13E-15	-2.63127	1	1 CYP51A1P3	K05917
ENSG00000215227	5.13E-15	-2.63127	1	1 RP11-308K19.2	-
ENSG00000215231	5.13E-15	-2.63127	1	1 LINC01020	-
ENSG00000215236	5.13E-15	-2.63127	1	1 RPL7P33	K02937
ENSG00000215237	5.13E-15	-2.63127	1	1 RP11-54D18.2	-
ENSG00000215262	5.13E-15	-2.63127	1	1 KCNU1	K05274
ENSG00000215263	5.13E-15	-2.63127	1	1 AC025750.7	K02889
ENSG00000215264	5.13E-15	-2.63127	1	1 RP1-84O15.1	K02865
ENSG00000215267	5.13E-15	-2.63127	1	1 AKR1C7P	K00089
ENSG00000215268	5.13E-15	-2.63127	1	1 LA16c-60G3.8	K11841
ENSG00000215269	5.13E-15	-2.63127	1	1 GAGE12G	-
ENSG00000215274	5.13E-15	-2.63127	1	1 GAGE10	-
ENSG00000215277	5.13E-15	-2.63127	1	1 C14orf164	-
ENSG00000215278	5.13E-15	-2.63127	1	1 RPS7P6	K02993
ENSG00000215286	5.13E-15	-2.63127	1	1 RP5-1158E12.2	K12893
ENSG00000215288	5.13E-15	-2.63127	1	1 RP11-613H2.1	-
ENSG00000215296	5.13E-15	-2.63127	1	1 TMC05B	-
ENSG00000215297	5.13E-15	-2.63127	1	1 RP11-62E14.2	K02937
ENSG00000215298	5.13E-15	-2.63127	1	1 FP15737	K04613
ENSG00000215304	5.13E-15	-2.63127	1	1 RP13-395E19.3	-
ENSG00000215306	5.13E-15	-2.63127	1	1 AL135998.1	-
ENSG00000215307	5.13E-15	-2.63127	1	1 RBBP4P3	K10752
ENSG00000215310	5.13E-15	-2.63127	1	1 RP6-60B16.1	-
ENSG00000215311	5.13E-15	-2.63127	1	1 NPM1P12	K11276
ENSG00000215313	5.13E-15	-2.63127	1	1 RPL6P30	K02934
ENSG00000215317	5.13E-15	-2.63127	1	1 THUMPD1P1	K06963
ENSG00000215319	5.13E-15	-2.63127	1	1 RP11-98L4.1	K03262
ENSG00000215323	5.13E-15	-2.63127	1	1 OR7E84P	K04257
ENSG00000215325	5.13E-15	-2.63127	1	1 ASS1P10	K01940
ENSG00000215326	5.13E-15	-2.63127	1	1 GPX1P2	K00432
ENSG00000215333	5.13E-15	-2.63127	1	1 KRT18P23	K07604
ENSG00000215339	5.13E-15	-2.63127	1	1 ZNF705C	K09228
ENSG00000215343	5.13E-15	-2.63127	1	1 ZNF705D	K09228
ENSG00000215346	5.13E-15	-2.63127	1	1 AF131215.5	-
ENSG00000215351	5.13E-15	-2.63127	1	1 PPIAP1	K03767
ENSG00000215353	5.13E-15	-2.63127	1	1 C1QBPP	K15414

ENSG00000215354	5.13E-15	-2.63127	1	1 FAM90A24P	-
ENSG00000215356	5.13E-15	-2.63127	1	1 ZNF705B	K09228
ENSG00000215357	5.13E-15	-2.63127	1	1 HSPD1P8	K04077
ENSG00000215365	5.13E-15	-2.63127	1	1 FAM90A22P	-
ENSG00000215367	5.13E-15	-2.63127	1	1 TMED11P	-
ENSG00000215368	5.13E-15	-2.63127	1	1 RP11-190I17.4	-
ENSG00000215369	5.13E-15	-2.63127	1	1 RPL37P3	-
ENSG00000215371	5.13E-15	-2.63127	1	1 DEFB108P2	-
ENSG00000215372	5.13E-15	-2.63127	1	1 ZNF705G	K09228
ENSG00000215373	5.13E-15	-2.63127	1	1 FAM90A5P	-
ENSG00000215374	5.13E-15	-2.63127	1	1 FAM66B	-
ENSG00000215378	5.13E-15	-2.63127	1	1 DEFT1P	K05230
ENSG00000215380	5.13E-15	-2.63127	1	1 AC090625.1	K09228
ENSG00000215381	5.13E-15	-2.63127	1	1 RP5-1057J7.1	K02905
ENSG00000215388	5.13E-15	-2.63127	1	1 ACTG1P3	K05692
ENSG00000215397	5.13E-15	-2.63127	1	1 SCRT2	K09219
ENSG00000215398	5.13E-15	-2.63127	1	1 RP11-754I20.1	K17299
ENSG00000215399	5.13E-15	-2.63127	1	1 HMGB3P7	K11296
ENSG00000215403	5.13E-15	-2.63127	1	1 LL22NC01-81G9.3	-
ENSG00000215405	5.13E-15	-2.63127	1	1 GOLGA6L6	K09488
ENSG00000215409	5.13E-15	-2.63127	1	1 RP11-748L13.2	K17299
ENSG00000215418	5.13E-15	-2.63127	1	1 PEX12P1	K13345
ENSG00000215428	5.13E-15	-2.63127	1	1 AL354898.1	K17341
ENSG00000215430	5.13E-15	-2.63127	1	1 OR7E156P	K04257
ENSG00000215431	5.13E-15	-2.63127	1	1 AC015989.1	-
ENSG00000215432	5.13E-15	-2.63127	1	1 OR7E104P	K04257
ENSG00000215441	5.13E-15	-2.63127	1	1 CTAGE12P	-
ENSG00000215444	5.13E-15	-2.63127	1	1 RP5-827A12.2	K02905
ENSG00000215448	5.13E-15	-2.63127	1	1 SRMP1	K00797
ENSG00000215450	5.13E-15	-2.63127	1	1 RP5-890O15.3	K02981
ENSG00000215452	5.13E-15	-2.63127	1	1 ZNF663P	K09228
ENSG00000215454	5.13E-15	-2.63127	1	1 KRTAP10-4	-
ENSG00000215455	5.13E-15	-2.63127	1	1 KRTAP10-1	-
ENSG00000215457	5.13E-15	-2.63127	1	1 RPS8P3	K02995
ENSG00000215462	5.13E-15	-2.63127	1	1 AL136218.1	-
ENSG00000215464	5.13E-15	-2.63127	1	1 AP000354.2	K02947
ENSG00000215467	5.13E-15	-2.63127	1	1 RPL27AP	K02900
ENSG00000215474	5.13E-15	-2.63127	1	1 SKOR2	-
ENSG00000215475	5.13E-15	-2.63127	1	1 SIAH3	K05255
ENSG00000215477	5.13E-15	-2.63127	1	1 RCN1P1	-
ENSG00000215478	5.13E-15	-2.63127	1	1 CES5AP1	K15743
ENSG00000215480	5.13E-15	-2.63127	1	1 OR7E37P	K04257
ENSG00000215486	5.13E-15	-2.63127	1	1 ARL2BPP3	K16742
ENSG00000215504	5.13E-15	-2.63127	1	1 AP000974.1	-
ENSG00000215506	5.13E-15	-2.63127	1	1 TPTE2P4	K18079
ENSG00000215507	5.13E-15	-2.63127	1	1 RBMY2DP	K12885
ENSG00000215512	5.13E-15	-2.63127	1	1 AP005901.1	K17299
ENSG00000215520	5.13E-15	-2.63127	1	1 RPS4XP4	K02987
ENSG00000215537	5.13E-15	-2.63127	1	1 ZNF736P11Y	K09228
ENSG00000215540	5.13E-15	-2.63127	1	1 AC009947.3	K12885
ENSG00000215544	5.13E-15	-2.63127	1	1 BCRP7	K08878
ENSG00000215545	5.13E-15	-2.63127	1	1 DEFB116	-
ENSG00000215546	5.13E-15	-2.63127	1	1 DKKL1P1	-
ENSG00000215547	5.13E-15	-2.63127	1	1 DEFB115	-
ENSG00000215549	5.13E-15	-2.63127	1	1 AL138815.1	-
ENSG00000215553	5.13E-15	-2.63127	1	1 KRT18P3	K07604
ENSG00000215559	5.13E-15	-2.63127	1	1 ANKRD20A11P	K17299
ENSG00000215560	5.13E-15	-2.63127	1	1 TTTY5	-

ENSG00000215562	5.13E-15	-2.63127	1	1 CNN2P7	K15411
ENSG00000215565	5.13E-15	-2.63127	1	1 AP003041.1	K12581
ENSG00000215567	5.13E-15	-2.63127	1	1 RP11-79C23.1	K17299
ENSG00000215568	5.13E-15	-2.63127	1	1 GAB4	K08091
ENSG00000215571	5.13E-15	-2.63127	1	1 GRK6P1	K08291
ENSG00000215572	5.13E-15	-2.63127	1	1 ESRRAP1	K08552
ENSG00000215580	5.13E-15	-2.63127	1	1 BCORP1	K11504
ENSG00000215583	5.13E-15	-2.63127	1	1 ASS1P6	K01940
ENSG00000215586	5.13E-15	-2.63127	1	1 RP5-836E8.1	K12900
ENSG00000215589	5.13E-15	-2.63127	1	1 RP5-967N21.2	-
ENSG00000215595	5.13E-15	-2.63127	1	1 C20orf202	-
ENSG00000215601	5.13E-15	-2.63127	1	1 TSPY24P	-
ENSG00000215603	5.13E-15	-2.63127	1	1 ZNF92P1Y	K09228
ENSG00000215604	5.13E-15	-2.63127	1	1 ZNF962P	K09228
ENSG00000215606	5.13E-15	-2.63127	1	1 KRT18P35	K07604
ENSG00000215612	5.13E-15	-2.63127	1	1 HMX1	K09349
ENSG00000215621	5.13E-15	-2.63127	1	1 AC174470.1	-
ENSG00000215692	5.13E-15	-2.63127	1	1 AC114730.8	-
ENSG00000215695	5.13E-15	-2.63127	1	1 RSC1A1	K11885
ENSG00000215720	5.13E-15	-2.63127	1	1 RP1-21O18.3	-
ENSG00000215734	5.13E-15	-2.63127	1	1 MRPL20P1	K02887
ENSG00000215760	5.13E-15	-2.63127	1	1 TAF9BP2	-
ENSG00000215765	5.13E-15	-2.63127	1	1 CTB-61M7.1	-
ENSG00000215771	5.13E-15	-2.63127	1	1 LRRC37A14P	-
ENSG00000215785	5.13E-15	-2.63127	1	1 CFL1P6	K05765
ENSG00000215791	5.13E-15	-2.63127	1	1 AL645728.2	K12581
ENSG00000215796	5.13E-15	-2.63127	1	1 RP11-551G24.2	K02684
ENSG00000215800	5.13E-15	-2.63127	1	1 RSL24D1P4	K02896
ENSG00000215802	5.13E-15	-2.63127	1	1 RFKP1	K00861
ENSG00000215805	5.13E-15	-2.63127	1	1 RP11-438O11.1	K01641
ENSG00000215807	5.13E-15	-2.63127	1	1 KRT18P65	K07604
ENSG00000215812	5.13E-15	-2.63127	1	1 ZNF847P	K09228
ENSG00000215819	5.13E-15	-2.63127	1	1 KRT18P12	K07604
ENSG00000215833	5.13E-15	-2.63127	1	1 QRSL1P1	K02433
ENSG00000215834	5.13E-15	-2.63127	1	1 FMO9P	K00485
ENSG00000215837	5.13E-15	-2.63127	1	1 SDHAP2	K00234
ENSG00000215846	5.13E-15	-2.63127	1	1 MPTX1	-
ENSG00000215853	5.13E-15	-2.63127	1	1 RPTN	K18626
ENSG00000215859	5.13E-15	-2.63127	1	1 RP6-74O6.2	-
ENSG00000215860	5.13E-15	-2.63127	1	1 PDZK1P1	-
ENSG00000215861	5.13E-15	-2.63127	1	1 WI2-1896O14.1	K16549
ENSG00000215864	5.13E-15	-2.63127	1	1 NBPF7	-
ENSG00000215867	5.13E-15	-2.63127	1	1 KRT18P57	K07604
ENSG00000215869	5.13E-15	-2.63127	1	1 RP11-364B6.1	-
ENSG00000215871	5.13E-15	-2.63127	1	1 RP5-837M10.1	-
ENSG00000215873	5.13E-15	-2.63127	1	1 FEN1P1	K04799
ENSG00000215874	5.13E-15	-2.63127	1	1 CAPNS1P1	K08583
ENSG00000215875	5.13E-15	-2.63127	1	1 ST13P20	K09560
ENSG00000215878	5.13E-15	-2.63127	1	1 MARCKSL1P2	K13536
ENSG00000215881	5.13E-15	-2.63127	1	1 RP11-65D24.1	-
ENSG00000215887	5.13E-15	-2.63127	1	1 ZNF859P	K09228
ENSG00000215893	5.13E-15	-2.63127	1	1 RP4-635E8.1	K02893
ENSG00000215895	5.13E-15	-2.63127	1	1 RP11-334L9.1	K09490
ENSG00000215899	5.13E-15	-2.63127	1	1 RP11-439L8.2	K03231
ENSG00000215900	5.13E-15	-2.63127	1	1 SEPW1P	-
ENSG00000215905	5.13E-15	-2.63127	1	1 RP11-4M23.7	K02920
ENSG00000215906	5.13E-15	-2.63127	1	1 LACTBL1	-
ENSG00000215909	5.13E-15	-2.63127	1	1 RP4-597A16.3	K11798

ENSG00000215921	5.13E-15	-2.63127	1	1 AL731568.1	--
ENSG00000215922	5.13E-15	-2.63127	1	1 AC092965.1	--
ENSG00000215923	5.13E-15	-2.63127	1	1 AC007528.1	--
ENSG00000215924	5.13E-15	-2.63127	1	1 BX284613.1	--
ENSG00000215925	5.13E-15	-2.63127	1	1 AL157788.1	--
ENSG00000215930	5.13E-15	-2.63127	1	1 MIR942	--
ENSG00000215933	5.13E-15	-2.63127	1	1 BX119917.1	--
ENSG00000215934	5.13E-15	-2.63127	1	1 AC013731.1	--
ENSG00000215938	5.13E-15	-2.63127	1	1 MIR190B	--
ENSG00000215939	5.13E-15	-2.63127	1	1 MIR873	--
ENSG00000215941	5.13E-15	-2.63127	1	1 AC116038.1	--
ENSG00000215942	5.13E-15	-2.63127	1	1 AP000866.1	--
ENSG00000215943	5.13E-15	-2.63127	1	1 MIR892A	--
ENSG00000215945	5.13E-15	-2.63127	1	1 AC021613.1	--
ENSG00000215946	5.13E-15	-2.63127	1	1 MIR941-1	--
ENSG00000215948	5.13E-15	-2.63127	1	1 AC055873.1	--
ENSG00000215952	5.13E-15	-2.63127	1	1 MIR921	--
ENSG00000215953	5.13E-15	-2.63127	1	1 AC026700.1	--
ENSG00000215954	5.13E-15	-2.63127	1	1 AP002884.1	--
ENSG00000215957	5.13E-15	-2.63127	1	1 MIR300	--
ENSG00000215958	5.13E-15	-2.63127	1	1 AC021818.1	--
ENSG00000215960	5.13E-15	-2.63127	1	1 AC068292.1	--
ENSG00000215961	5.13E-15	-2.63127	1	1 MIR297	--
ENSG00000215964	5.13E-15	-2.63127	1	1 AC055813.1	--
ENSG00000215966	5.13E-15	-2.63127	1	1 MIR876	--
ENSG00000215968	5.13E-15	-2.63127	1	1 AC007560.2	--
ENSG00000215972	5.13E-15	-2.63127	1	1 AL360176.1	--
ENSG00000215976	5.13E-15	-2.63127	1	1 AC078819.1	--
ENSG00000215977	5.13E-15	-2.63127	1	1 AC130365.1	--
ENSG00000215979	5.13E-15	-2.63127	1	1 AL021917.1	--
ENSG00000215983	5.13E-15	-2.63127	1	1 AC092756.1	--
ENSG00000215984	5.13E-15	-2.63127	1	1 AC110769.1	--
ENSG00000215991	5.13E-15	-2.63127	1	1 MIR208B	--
ENSG00000215993	5.13E-15	-2.63127	1	1 AC079603.1	--
ENSG00000215996	5.13E-15	-2.63127	1	1 AC017084.1	--
ENSG00000215998	5.13E-15	-2.63127	1	1 MIR935	--
ENSG00000215999	5.13E-15	-2.63127	1	1 AC004052.1	--
ENSG00000216001	5.13E-15	-2.63127	1	1 MIR450B	--
ENSG00000216002	5.13E-15	-2.63127	1	1 AC092576.1	--
ENSG00000216004	5.13E-15	-2.63127	1	1 AL359832.1	--
ENSG00000216005	5.13E-15	-2.63127	1	1 MIR888	--
ENSG00000216009	5.13E-15	-2.63127	1	1 MIR874	--
ENSG00000216011	5.13E-15	-2.63127	1	1 AC007682.2	--
ENSG00000216014	5.13E-15	-2.63127	1	1 AL512505.1	--
ENSG00000216015	5.13E-15	-2.63127	1	1 AL354936.1	--
ENSG00000216017	5.13E-15	-2.63127	1	1 AL139429.1	--
ENSG00000216020	5.13E-15	-2.63127	1	1 AC026320.1	--
ENSG00000216022	5.13E-15	-2.63127	1	1 AC068062.1	--
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ENSG00000216032	5.13E-15	-2.63127	1	1 AL445258.1	--
ENSG00000216035	5.13E-15	-2.63127	1	1 MIR938	--
ENSG00000216037	5.13E-15	-2.63127	1	1 AL356479.1	--
ENSG00000216042	5.13E-15	-2.63127	1	1 MIR922	--
ENSG00000216045	5.13E-15	-2.63127	1	1 AL356693.1	--
ENSG00000216047	5.13E-15	-2.63127	1	1 AL135784.1	--
ENSG00000216054	5.13E-15	-2.63127	1	1 AC019201.1	--
ENSG00000216055	5.13E-15	-2.63127	1	1 AC097372.1	--
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ENSG00000216064	5.13E-15	-2.63127	1	1 MIR891B	--
ENSG00000216067	5.13E-15	-2.63127	1	1 AC104457.1	--
ENSG00000216069	5.13E-15	-2.63127	1	1 MIR875	--
ENSG00000216070	5.13E-15	-2.63127	1	1 AL158155.1	--
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ENSG00000216075	5.13E-15	-2.63127	1	1 MIR890	--
ENSG00000216076	5.13E-15	-2.63127	1	1 AC002066.2	--
ENSG00000216077	5.13E-15	-2.63127	1	1 MIR887	--
ENSG00000216081	5.13E-15	-2.63127	1	1 AC010146.2	--
ENSG00000216083	5.13E-15	-2.63127	1	1 MIR936	--
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ENSG00000216089	5.13E-15	-2.63127	1	1 AC105316.1	--
ENSG00000216090	5.13E-15	-2.63127	1	1 MIR937	--
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ENSG00000216097	5.13E-15	-2.63127	1	1 AL357060.1	--
ENSG00000216098	5.13E-15	-2.63127	1	1 MIR892B	--
ENSG00000216099	5.13E-15	-2.63127	1	1 MIR889	--
ENSG00000216100	5.13E-15	-2.63127	1	1 AC138710.1	--
ENSG00000216101	5.13E-15	-2.63127	1	1 MIR877	--
ENSG00000216102	5.13E-15	-2.63127	1	1 AC008752.1	--
ENSG00000216105	5.13E-15	-2.63127	1	1 MIR943	--
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ENSG00000216112	5.13E-15	-2.63127	1	1 AC092675.1	--
ENSG00000216113	5.13E-15	-2.63127	1	1 AP001572.1	--
ENSG00000216114	5.13E-15	-2.63127	1	1 AL033403.1	--
ENSG00000216116	5.13E-15	-2.63127	1	1 AC117479.1	--
ENSG00000216123	5.13E-15	-2.63127	1	1 AC012119.1	--
ENSG00000216125	5.13E-15	-2.63127	1	1 AC109496.1	--
ENSG00000216127	5.13E-15	-2.63127	1	1 AC011407.1	--
ENSG00000216131	5.13E-15	-2.63127	1	1 AC025284.1	--
ENSG00000216133	5.13E-15	-2.63127	1	1 MIR939	--
ENSG00000216135	5.13E-15	-2.63127	1	1 MIR885	--
ENSG00000216136	5.13E-15	-2.63127	1	1 AC108697.1	--
ENSG00000216154	5.13E-15	-2.63127	1	1 AC109357.1	--
ENSG00000216157	5.13E-15	-2.63127	1	1 AL611946.1	--
ENSG00000216162	5.13E-15	-2.63127	1	1 AL121988.1	--
ENSG00000216166	5.13E-15	-2.63127	1	1 AC131160.1	--
ENSG00000216168	5.13E-15	-2.63127	1	1 AC100832.1	--
ENSG00000216169	5.13E-15	-2.63127	1	1 AC098650.1	--
ENSG00000216171	5.13E-15	-2.63127	1	1 MIR513C	--
ENSG00000216173	5.13E-15	-2.63127	1	1 AL132819.1	--
ENSG00000216179	5.13E-15	-2.63127	1	1 MIR541	--
ENSG00000216181	5.13E-15	-2.63127	1	1 AL391056.1	--
ENSG00000216182	5.13E-15	-2.63127	1	1 AL137024.1	--
ENSG00000216184	5.13E-15	-2.63127	1	1 AC048346.1	--
ENSG00000216191	5.13E-15	-2.63127	1	1 AC009234.2	--
ENSG00000216192	5.13E-15	-2.63127	1	1 MIR920	--
ENSG00000216194	5.13E-15	-2.63127	1	1 AC130360.1	--
ENSG00000216195	5.13E-15	-2.63127	1	1 MIR941-3	--
ENSG00000216197	5.13E-15	-2.63127	1	1 AP001623.1	--
ENSG00000216204	5.13E-15	-2.63127	1	1 AC018607.1	--
ENSG00000216205	5.13E-15	-2.63127	1	1 AC036178.1	--
ENSG00000216206	5.13E-15	-2.63127	1	1 AF228730.1	--

ENSG00000216265	5.13E-15	-2.63127	1	1 FABP12P1	-
ENSG00000216306	5.13E-15	-2.63127	1	1 KRT19P2	K07604
ENSG00000216307	5.13E-15	-2.63127	1	1 RP3-400B16.2	-
ENSG00000216316	5.13E-15	-2.63127	1	1 RP3-354N19.3	K02872
ENSG00000216324	5.13E-15	-2.63127	1	1 RP3-382I10.2	K03127
ENSG00000216347	5.13E-15	-2.63127	1	1 RP3-334F4.2	K02866
ENSG00000216352	5.13E-15	-2.63127	1	1 RP11-486E2.1	K01647
ENSG00000216360	5.13E-15	-2.63127	1	1 RP1-182O16.2	K00134
ENSG00000216364	5.13E-15	-2.63127	1	1 MRPL42P2	K17423
ENSG00000216365	5.13E-15	-2.63127	1	1 RPL37P15	K02922
ENSG00000216368	5.13E-15	-2.63127	1	1 RP3-486D24.1	K02936
ENSG00000216378	5.13E-15	-2.63127	1	1 RP3-344J20.1	K01476
ENSG00000216425	5.13E-15	-2.63127	1	1 AC004066.2	-
ENSG00000216436	5.13E-15	-2.63127	1	1 HIST1H2APS1	K11251
ENSG00000216439	5.13E-15	-2.63127	1	1 DUTP5	K01520
ENSG00000216444	5.13E-15	-2.63127	1	1 RAET1M	K07986
ENSG00000216471	5.13E-15	-2.63127	1	1 RPSAP43	K02998
ENSG00000216480	5.13E-15	-2.63127	1	1 RP3-393E18.1	K02889
ENSG00000216516	5.13E-15	-2.63127	1	1 RP11-317M22.1	-
ENSG00000216518	5.13E-15	-2.63127	1	1 EEF1GP6	-
ENSG00000216519	5.13E-15	-2.63127	1	1 RP3-406A7.1	K03231
ENSG00000216522	5.13E-15	-2.63127	1	1 AC011718.1	K18592
ENSG00000216523	5.13E-15	-2.63127	1	1 RP3-435K13.1	-
ENSG00000216548	5.13E-15	-2.63127	1	1 RP11-471B18.1	K02964
ENSG00000216560	5.13E-15	-2.63127	1	1 LINC00955	-
ENSG00000216616	5.13E-15	-2.63127	1	1 RP11-550C4.4	K02900
ENSG00000216621	5.13E-15	-2.63127	1	1 RP11-244K5.6	-
ENSG00000216629	5.13E-15	-2.63127	1	1 OR2W4P	K04257
ENSG00000216639	5.13E-15	-2.63127	1	1 RP3-355L5.3	-
ENSG00000216642	5.13E-15	-2.63127	1	1 RP1-95L4.3	K02910
ENSG00000216649	5.13E-15	-2.63127	1	1 GAGE12E	-
ENSG00000216663	5.13E-15	-2.63127	1	1 RP11-506B6.5	K11135
ENSG00000216671	5.13E-15	-2.63127	1	1 CCNYL3	K18468
ENSG00000216676	5.13E-15	-2.63127	1	1 RP1-15D7.1	K02938
ENSG00000216687	5.13E-15	-2.63127	1	1 RP11-278J20.2	-
ENSG00000216708	5.13E-15	-2.63127	1	1 CIR1P3	K06066
ENSG00000216710	5.13E-15	-2.63127	1	1 COX6A1P3	K02266
ENSG00000216713	5.13E-15	-2.63127	1	1 MTND4P13	K03881
ENSG00000216718	5.13E-15	-2.63127	1	1 RP3-522P13.1	K02889
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ENSG00000216723	5.13E-15	-2.63127	1	1 NUDT19P3	K13355
ENSG00000216740	5.13E-15	-2.63127	1	1 ANXA2P3	K17092
ENSG00000216753	5.13E-15	-2.63127	1	1 HMGA1P7	K09282
ENSG00000216754	5.13E-15	-2.63127	1	1 RP1-190J20.2	-
ENSG00000216762	5.13E-15	-2.63127	1	1 VN1R13P	K04614
ENSG00000216777	5.13E-15	-2.63127	1	1 PRRC2CP1	-
ENSG00000216781	5.13E-15	-2.63127	1	1 RP1-290I10.2	-
ENSG00000216802	5.13E-15	-2.63127	1	1 RP11-390P2.2	K17885
ENSG00000216809	5.13E-15	-2.63127	1	1 RP11-57K17.1	K14805
ENSG00000216811	5.13E-15	-2.63127	1	1 RP1-69B13.2	-
ENSG00000216813	5.13E-15	-2.63127	1	1 RP11-812I20.2	K02951
ENSG00000216817	5.13E-15	-2.63127	1	1 R3HDM2P2	-
ENSG00000216819	5.13E-15	-2.63127	1	1 TUBB2BP1	K07375
ENSG00000216824	5.13E-15	-2.63127	1	1 ZNF736P10Y	K09228
ENSG00000216829	5.13E-15	-2.63127	1	1 BX005214.1	K04358
ENSG00000216835	5.13E-15	-2.63127	1	1 RBMXP1	K12885
ENSG00000216844	5.13E-15	-2.63127	1	1 AC009494.3	-
ENSG00000216853	5.13E-15	-2.63127	1	1 RP3-399J4.1	-

ENSG00000216854	5.13E-15	-2.63127	1	1 RPL17P26	K02880
ENSG00000216859	5.13E-15	-2.63127	1	1 RP11-448N11.1	K00287
ENSG00000216902	5.13E-15	-2.63127	1	1 RP1-161C16.1	K02910
ENSG00000216904	5.13E-15	-2.63127	1	1 SOCS5P5	K04698
ENSG00000216913	5.13E-15	-2.63127	1	1 RP4-753D5.3	K15436
ENSG00000216915	5.13E-15	-2.63127	1	1 RP1-97D16.1	-
ENSG00000216917	5.13E-15	-2.63127	1	1 RP5-988G15.1	K02877
ENSG00000216938	5.13E-15	-2.63127	1	1 RPL7P58	K02937
ENSG00000216966	5.13E-15	-2.63127	1	1 RP11-568A7.1	-
ENSG00000216977	5.13E-15	-2.63127	1	1 RPL21P65	K02889
ENSG00000216990	5.13E-15	-2.63127	1	1 HSPD1P10	K04077
ENSG00000216998	5.13E-15	-2.63127	1	1 CYP2AC1P	K17854
ENSG00000217004	5.13E-15	-2.63127	1	1 RP3-329A5.1	-
ENSG00000217026	5.13E-15	-2.63127	1	1 RPL10P1	K02866
ENSG00000217030	5.13E-15	-2.63127	1	1 RP11-428J1.2	K02964
ENSG00000217041	5.13E-15	-2.63127	1	1 RP11-346C16.1	K02969
ENSG00000217044	5.13E-15	-2.63127	1	1 RP11-331O9.4	-
ENSG00000217060	5.13E-15	-2.63127	1	1 RP11-30P6.1	-
ENSG00000217067	5.13E-15	-2.63127	1	1 RP11-448N11.2	K02962
ENSG00000217083	5.13E-15	-2.63127	1	1 RP1-245M18.2	-
ENSG00000217085	5.13E-15	-2.63127	1	1 HMGB3P19	K11296
ENSG00000217089	5.13E-15	-2.63127	1	1 RPS29P13	K02980
ENSG00000217120	5.13E-15	-2.63127	1	1 RP1-76C18.1	-
ENSG00000217135	5.13E-15	-2.63127	1	1 RP1-140K8.3	-
ENSG00000217139	5.13E-15	-2.63127	1	1 RP11-129H15.4	K18749
ENSG00000217159	5.13E-15	-2.63127	1	1 LARP1P1	-
ENSG00000217160	5.13E-15	-2.63127	1	1 RP11-331O9.1	-
ENSG00000217169	5.13E-15	-2.63127	1	1 MTHFD2P2	-
ENSG00000217178	5.13E-15	-2.63127	1	1 RP11-9G10.1	-
ENSG00000217179	5.13E-15	-2.63127	1	1 MTCYBP2	-
ENSG00000217227	5.13E-15	-2.63127	1	1 RP1-319M7.2	K09292
ENSG00000217228	5.13E-15	-2.63127	1	1 RP1-152L7.1	K00799
ENSG00000217231	5.13E-15	-2.63127	1	1 RP3-340H11.2	K09573
ENSG00000217239	5.13E-15	-2.63127	1	1 RP1-182O16.1	K02915
ENSG00000217261	5.13E-15	-2.63127	1	1 POM121L4P	-
ENSG00000217268	5.13E-15	-2.63127	1	1 TXNP7	K03671
ENSG00000217272	5.13E-15	-2.63127	1	1 RP1-263J7.2	K07874
ENSG00000217314	5.13E-15	-2.63127	1	1 UQCRFS1P3	K00411
ENSG00000217315	5.13E-15	-2.63127	1	1 OR2W2P	K04257
ENSG00000217327	5.13E-15	-2.63127	1	1 RPS7P5	K02993
ENSG00000217330	5.13E-15	-2.63127	1	1 SSXP10	K15624
ENSG00000217331	5.13E-15	-2.63127	1	1 RP11-304C16.3	-
ENSG00000217334	5.13E-15	-2.63127	1	1 RP11-33E24.3	K04079
ENSG00000217377	5.13E-15	-2.63127	1	1 AK4P5	K00939
ENSG00000217379	5.13E-15	-2.63127	1	1 RP11-254A17.1	K02889
ENSG00000217385	5.13E-15	-2.63127	1	1 PSMC1P11	K03062
ENSG00000217404	5.13E-15	-2.63127	1	1 RPS4XP9	K02987
ENSG00000217408	5.13E-15	-2.63127	1	1 PRELID1P2	-
ENSG00000217414	5.13E-15	-2.63127	1	1 RP11-528A10.2	K13179
ENSG00000217447	5.13E-15	-2.63127	1	1 RP3-366N23.4	K02537
ENSG00000217455	5.13E-15	-2.63127	1	1 AC091801.1	-
ENSG00000217477	5.13E-15	-2.63127	1	1 RP11-184C23.1	K07605
ENSG00000217482	5.13E-15	-2.63127	1	1 HMGB1P17	K15413
ENSG00000217483	5.13E-15	-2.63127	1	1 RP11-135M8__A.1	-
ENSG00000217488	5.13E-15	-2.63127	1	1 RP11-474L11.5	-
ENSG00000217495	5.13E-15	-2.63127	1	1 RP1-95L4.2	-
ENSG00000217512	5.13E-15	-2.63127	1	1 RP11-477E3.2	K14312
ENSG00000217514	5.13E-15	-2.63127	1	1 RP3-495O10.1	-

ENSG00000217539	5.13E-15	-2.63127	1	1 IQCB2P	K16774
ENSG00000217557	5.13E-15	-2.63127	1	1 RP11-157L10.1	K02915
ENSG00000217566	5.13E-15	-2.63127	1	1 TDGF1P4	-
ENSG00000217576	5.13E-15	-2.63127	1	1 RP11-248G5.8	-
ENSG00000217585	5.13E-15	-2.63127	1	1 RP1-13D10.5	K00025
ENSG00000217612	5.13E-15	-2.63127	1	1 RP1-28C20.1	-
ENSG00000217631	5.13E-15	-2.63127	1	1 RP1-142O9.2	-
ENSG00000217643	5.13E-15	-2.63127	1	1 PTGES3P2	K15730
ENSG00000217646	5.13E-15	-2.63127	1	1 HIST1H2BPS2	K11252
ENSG00000217653	5.13E-15	-2.63127	1	1 RP11-63K6.1	-
ENSG00000217680	5.13E-15	-2.63127	1	1 RP11-415D17.1	K10704
ENSG00000217686	5.13E-15	-2.63127	1	1 NUS1P4	K19177
ENSG00000217702	5.13E-15	-2.63127	1	1 MGC10955	-
ENSG00000217707	5.13E-15	-2.63127	1	1 SERPINB8P1	K13963
ENSG00000217718	5.13E-15	-2.63127	1	1 AC064847.4	K03960
ENSG00000217767	5.13E-15	-2.63127	1	1 RP11-160A9.2	-
ENSG00000217770	5.13E-15	-2.63127	1	1 FEM1AP3	-
ENSG00000217776	5.13E-15	-2.63127	1	1 RP11-156F23.2	K02889
ENSG00000217783	5.13E-15	-2.63127	1	1 LDHAL6FP	K00016
ENSG00000217786	5.13E-15	-2.63127	1	1 RP3-508D13.1	K09512
ENSG00000217791	5.13E-15	-2.63127	1	1 ASS1P9	K01940
ENSG00000217805	5.13E-15	-2.63127	1	1 RP11-191A15.2	-
ENSG00000217809	5.13E-15	-2.63127	1	1 FAT1P1	K16506
ENSG00000217811	5.13E-15	-2.63127	1	1 HNRNPDP2	K19601
ENSG00000217824	5.13E-15	-2.63127	1	1 SNRPEP6	K11097
ENSG00000217825	5.13E-15	-2.63127	1	1 AC099552.4	-
ENSG00000217835	5.13E-15	-2.63127	1	1 RP6-159A1.2	K12885
ENSG00000217878	5.13E-15	-2.63127	1	1 RP11-534P19.1	K09230
ENSG00000217889	5.13E-15	-2.63127	1	1 KRT18P48	K07604
ENSG00000217896	5.13E-15	-2.63127	1	1 ZNF839P1	-
ENSG00000217897	5.13E-15	-2.63127	1	1 HSPE1P8	K04078
ENSG00000217929	5.13E-15	-2.63127	1	1 CICP18	K16941
ENSG00000218014	5.13E-15	-2.63127	1	1 KRT19P1	K07604
ENSG00000218016	5.13E-15	-2.63127	1	1 ZNF192P2	K09228
ENSG00000218020	5.13E-15	-2.63127	1	1 PRKRIRP5	-
ENSG00000218029	5.13E-15	-2.63127	1	1 RP1-232L24.2	K11300
ENSG00000218049	5.13E-15	-2.63127	1	1 RPL31P33	K02910
ENSG00000218089	5.13E-15	-2.63127	1	1 DNAJA1P4	K09502
ENSG00000218107	5.13E-15	-2.63127	1	1 RP1-261G23.4	K12586
ENSG00000218109	5.13E-15	-2.63127	1	1 KIRREL3-AS3	-
ENSG00000218125	5.13E-15	-2.63127	1	1 AP000567.27	-
ENSG00000218143	5.13E-15	-2.63127	1	1 ERHP2	-
ENSG00000218153	5.13E-15	-2.63127	1	1 KRT18P22	K07604
ENSG00000218173	5.13E-15	-2.63127	1	1 RP11-427E4.1	-
ENSG00000218180	5.13E-15	-2.63127	1	1 SLC25A5P7	K05863
ENSG00000218186	5.13E-15	-2.63127	1	1 KRT8P43	K07605
ENSG00000218187	5.13E-15	-2.63127	1	1 RP11-325O24.1	-
ENSG00000218189	5.13E-15	-2.63127	1	1 POM121L14P	-
ENSG00000218194	5.13E-15	-2.63127	1	1 HLFPI	-
ENSG00000218198	5.13E-15	-2.63127	1	1 RPS20P32	K02969
ENSG00000218208	5.13E-15	-2.63127	1	1 RP11-367G18.2	K02977
ENSG00000218213	5.13E-15	-2.63127	1	1 FTH1P26	-
ENSG00000218233	5.13E-15	-2.63127	1	1 NEPNP	-
ENSG00000218261	5.13E-15	-2.63127	1	1 RP11-96J19.1	K10740
ENSG00000218265	5.13E-15	-2.63127	1	1 RPS4XP7	K02987
ENSG00000218281	5.13E-15	-2.63127	1	1 HIST1H2APS3	-
ENSG00000218300	5.13E-15	-2.63127	1	1 RP11-63K6.4	K02891
ENSG00000218313	5.13E-15	-2.63127	1	1 RP11-393I2.2	K03004

ENSG00000218337	5.13E-15	-2.63127	1	1 RP4-724P12.1	K18084
ENSG00000218346	5.13E-15	-2.63127	1	1 VN1R14P	-
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ENSG00000218351	5.13E-15	-2.63127	1	1 RPS3AP23	-
ENSG00000218357	5.13E-15	-2.63127	1	1 LL22NC03-75H12.2	-
ENSG00000218359	5.13E-15	-2.63127	1	1 SUMO2P13	K12160
ENSG00000218363	5.13E-15	-2.63127	1	1 SLC25A20P1	K15109
ENSG00000218410	5.13E-15	-2.63127	1	1 AC012078.2	-
ENSG00000218424	5.13E-15	-2.63127	1	1 NDUFS5P1	-
ENSG00000218428	5.13E-15	-2.63127	1	1 NIP7P3	K07565
ENSG00000218454	5.13E-15	-2.63127	1	1 HNRNPA1P19	K12741
ENSG00000218459	5.13E-15	-2.63127	1	1 RPS27P15	K02978
ENSG00000218472	5.13E-15	-2.63127	1	1 RP1-140K8.2	K02975
ENSG00000218475	5.13E-15	-2.63127	1	1 RP11-93K7.1	K05692
ENSG00000218476	5.13E-15	-2.63127	1	1 RP11-108N13.1	K02934
ENSG00000218483	5.13E-15	-2.63127	1	1 RP11-554D15.2	K00415
ENSG00000218490	5.13E-15	-2.63127	1	1 FCF1P10	K14566
ENSG00000218499	5.13E-15	-2.63127	1	1 RP3-422G23.3	-
ENSG00000218502	5.13E-15	-2.63127	1	1 H2AFZP3	K11251
ENSG00000218512	5.13E-15	-2.63127	1	1 SPTLC1P2	K00654
ENSG00000218521	5.13E-15	-2.63127	1	1 RP11-420A21.1	K06524
ENSG00000218536	5.13E-15	-2.63127	1	1 AP002530.2	-
ENSG00000218549	5.13E-15	-2.63127	1	1 OR4K12P	K04257
ENSG00000218561	5.13E-15	-2.63127	1	1 RP1-253B10.1	K02905
ENSG00000218565	5.13E-15	-2.63127	1	1 RP11-12A2.1	K09527
ENSG00000218574	5.13E-15	-2.63127	1	1 HNRNPA1P37	K12741
ENSG00000218577	5.13E-15	-2.63127	1	1 RP3-416J7.1	-
ENSG00000218582	5.13E-15	-2.63127	1	1 GAPDHP63	K00134
ENSG00000218586	5.13E-15	-2.63127	1	1 RP4-791C19.1	K13709
ENSG00000218596	5.13E-15	-2.63127	1	1 RP11-2J18.1	K02957
ENSG00000218617	5.13E-15	-2.63127	1	1 RP3-407E4.2	-
ENSG00000218632	5.13E-15	-2.63127	1	1 RPL7P28	-
ENSG00000218643	5.13E-15	-2.63127	1	1 RPL5P20	K02932
ENSG00000218672	5.13E-15	-2.63127	1	1 AC008060.7	-
ENSG00000218676	5.13E-15	-2.63127	1	1 BRD7P4	K11723
ENSG00000218689	5.13E-15	-2.63127	1	1 RPL5P21	-
ENSG00000218698	5.13E-15	-2.63127	1	1 ST13P16	K09560
ENSG00000218713	5.13E-15	-2.63127	1	1 RP1-34L19.1	K11493
ENSG00000218716	5.13E-15	-2.63127	1	1 RPL12P23	K02870
ENSG00000218725	5.13E-15	-2.63127	1	1 RP11-174C7.2	K09654
ENSG00000218728	5.13E-15	-2.63127	1	1 KRT18P44	K07604
ENSG00000218730	5.13E-15	-2.63127	1	1 RP3-453I5.2	-
ENSG00000218748	5.13E-15	-2.63127	1	1 DBIP1	K08762
ENSG00000218749	5.13E-15	-2.63127	1	1 RP3-340B19.5	K02920
ENSG00000218754	5.13E-15	-2.63127	1	1 RPL18AP8	K02882
ENSG00000218757	5.13E-15	-2.63127	1	1 RP3-472M2.2	K02880
ENSG00000218766	5.13E-15	-2.63127	1	1 RP11-207F8.1	K04392
ENSG00000218776	5.13E-15	-2.63127	1	1 RP11-331O9.3	-
ENSG00000218792	5.13E-15	-2.63127	1	1 HSPD1P16	K04077
ENSG00000218803	5.13E-15	-2.63127	1	1 GSTM2P1	K00799
ENSG00000218806	5.13E-15	-2.63127	1	1 RP3-369A17.2	K12399
ENSG00000218809	5.13E-15	-2.63127	1	1 RP1-229K20.5	-
ENSG00000218813	5.13E-15	-2.63127	1	1 RP11-59D5__B.3	-
ENSG00000218819	5.13E-15	-2.63127	1	1 TDRD15	K18405
ENSG00000218823	5.13E-15	-2.63127	1	1 PAPOLB	K14376
ENSG00000218834	5.13E-15	-2.63127	1	1 RP11-361F19.1	-
ENSG00000218839	5.13E-15	-2.63127	1	1 FAM138C	-
ENSG00000218857	5.13E-15	-2.63127	1	1 RP1-209B5.2	K13196

ENSG00000218868	5.13E-15	-2.63127	1	1 CNN3P1	-
ENSG00000218870	5.13E-15	-2.63127	1	1 SLC25A6P6	-
ENSG00000218872	5.13E-15	-2.63127	1	1 RP11-249L21.2	-
ENSG00000218893	5.13E-15	-2.63127	1	1 SUMO2P12	K12160
ENSG00000218902	5.13E-15	-2.63127	1	1 PTMAP3	K13784
ENSG00000218965	5.13E-15	-2.63127	1	1 NACAP7	K03626
ENSG00000218976	5.13E-15	-2.63127	1	1 RP11-528A10.1	K00088
ENSG00000218980	5.13E-15	-2.63127	1	1 FTH1P15	K00522
ENSG00000218986	5.13E-15	-2.63127	1	1 RP1-137F1.3	-
ENSG00000218991	5.13E-15	-2.63127	1	1 CCNG1P1	K10145
ENSG00000219016	5.13E-15	-2.63127	1	1 CTA-299D3.8	-
ENSG00000219023	5.13E-15	-2.63127	1	1 RP3-340B19.2	K02957
ENSG00000219039	5.13E-15	-2.63127	1	1 AC005102.1	K12881
ENSG00000219041	5.13E-15	-2.63127	1	1 IGKV1OR2-118	-
ENSG00000219061	5.13E-15	-2.63127	1	1 TRIM51FP	K12019
ENSG00000219073	5.13E-15	-2.63127	1	1 CELA3B	K01345
ENSG00000219074	5.13E-15	-2.63127	1	1 SOD1P1	K04565
ENSG00000219087	5.13E-15	-2.63127	1	1 RP3-433F14.2	-
ENSG00000219088	5.13E-15	-2.63127	1	1 RP3-359N14.1	K10751
ENSG00000219095	5.13E-15	-2.63127	1	1 RP11-323I14__A.1	K00287
ENSG00000219102	5.13E-15	-2.63127	1	1 HNRNPA3P12	K12741
ENSG00000219133	5.13E-15	-2.63127	1	1 RP11-203F10.6	K02889
ENSG00000219135	5.13E-15	-2.63127	1	1 RP11-129H15.3	K02893
ENSG00000219139	5.13E-15	-2.63127	1	1 RP11-304C16.2	-
ENSG00000219146	5.13E-15	-2.63127	1	1 RPS4XP8	K02987
ENSG00000219149	5.13E-15	-2.63127	1	1 RP11-214N16.2	K03767
ENSG00000219150	5.13E-15	-2.63127	1	1 RP11-569A2.2	K02889
ENSG00000219159	5.13E-15	-2.63127	1	1 AC011298.2	-
ENSG00000219186	5.13E-15	-2.63127	1	1 FTH1P19	K00522
ENSG00000219188	5.13E-15	-2.63127	1	1 CACYBPP3	-
ENSG00000219190	5.13E-15	-2.63127	1	1 RP1-253B10.2	K18401
ENSG00000219222	5.13E-15	-2.63127	1	1 RP11-480N24.3	K02870
ENSG00000219240	5.13E-15	-2.63127	1	1 RP11-63K6.5	K12175
ENSG00000219249	5.13E-15	-2.63127	1	1 AMZ2P2	K06974
ENSG00000219253	5.13E-15	-2.63127	1	1 RPS6P7	K02991
ENSG00000219257	5.13E-15	-2.63127	1	1 NPM1P38	K11276
ENSG00000219262	5.13E-15	-2.63127	1	1 OR2E1P	K04257
ENSG00000219273	5.13E-15	-2.63127	1	1 RP1-217P22.2	K09522
ENSG00000219274	5.13E-15	-2.63127	1	1 RPS20P2	K02969
ENSG00000219280	5.13E-15	-2.63127	1	1 VN1R8P	K04614
ENSG00000219284	5.13E-15	-2.63127	1	1 RP11-151M7.1	-
ENSG00000219294	5.13E-15	-2.63127	1	1 PIP5K1P1	K00889
ENSG00000219297	5.13E-15	-2.63127	1	1 MRPL42P3	-
ENSG00000219302	5.13E-15	-2.63127	1	1 RP11-174C7.3	-
ENSG00000219314	5.13E-15	-2.63127	1	1 RP1-273P12.1	-
ENSG00000219329	5.13E-15	-2.63127	1	1 RP11-397G5.2	-
ENSG00000219361	5.13E-15	-2.63127	1	1 RP11-250B2.2	K02998
ENSG00000219368	5.13E-15	-2.63127	1	1 ZNF299P	K09228
ENSG00000219374	5.13E-15	-2.63127	1	1 EEF1A1P42	K03231
ENSG00000219375	5.13E-15	-2.63127	1	1 RP11-69L16.3	K02128
ENSG00000219384	5.13E-15	-2.63127	1	1 RP11-491H9.3	-
ENSG00000219387	5.13E-15	-2.63127	1	1 ATF1P1	K09053
ENSG00000219404	5.13E-15	-2.63127	1	1 RP11-524C21.1	-
ENSG00000219409	5.13E-15	-2.63127	1	1 RP11-106E7.1	K09651
ENSG00000219430	5.13E-15	-2.63127	1	1 MBL3P	K03991
ENSG00000219438	5.13E-15	-2.63127	1	1 FAM19A5	-
ENSG00000219445	5.13E-15	-2.63127	1	1 RP11-3B12.3	-
ENSG00000219448	5.13E-15	-2.63127	1	1 RP11-193H22.2	K17985

ENSG00000219453	5.13E-15	-2.63127	1	1 RP4-810F7.1	-
ENSG00000219463	5.13E-15	-2.63127	1	1 RPSAP42	K02998
ENSG00000219487	5.13E-15	-2.63127	1	1 RP11-365H23.1	K11094
ENSG00000219491	5.13E-15	-2.63127	1	1 TPT1P8	-
ENSG00000219492	5.13E-15	-2.63127	1	1 RP11-1396O13.13	K09228
ENSG00000219500	5.13E-15	-2.63127	1	1 RP11-15J23.1	-
ENSG00000219532	5.13E-15	-2.63127	1	1 RP3-323K23.3	K09228
ENSG00000219547	5.13E-15	-2.63127	1	1 RPL17P25	K02880
ENSG00000219549	5.13E-15	-2.63127	1	1 RP11-374I15.1	-
ENSG00000219559	5.13E-15	-2.63127	1	1 RP11-346C16.4	K02966
ENSG00000219575	5.13E-15	-2.63127	1	1 RP1-288M22.1	-
ENSG00000219582	5.13E-15	-2.63127	1	1 HNRNPA1P58	K12741
ENSG00000219592	5.13E-15	-2.63127	1	1 NCSTNP1	-
ENSG00000219604	5.13E-15	-2.63127	1	1 RP11-132M7.2	-
ENSG00000219619	5.13E-15	-2.63127	1	1 RP11-126M14.1	K02140
ENSG00000219622	5.13E-15	-2.63127	1	1 RP11-291C6.1	-
ENSG00000219627	5.13E-15	-2.63127	1	1 CYCSP17	K08738
ENSG00000219653	5.13E-15	-2.63127	1	1 GCNT1P4	-
ENSG00000219665	5.13E-15	-2.63127	1	1 CTD-2006C1.2	-
ENSG00000219666	5.13E-15	-2.63127	1	1 RP11-174C7.1	K12160
ENSG00000219669	5.13E-15	-2.63127	1	1 RP1-20N4.1	-
ENSG00000219681	5.13E-15	-2.63127	1	1 RP11-191A15.4	-
ENSG00000219693	5.13E-15	-2.63127	1	1 RP11-262H14.11	K04358
ENSG00000219700	5.13E-15	-2.63127	1	1 PTCHD3P3	-
ENSG00000219702	5.13E-15	-2.63127	1	1 RP5-991C6.2	K02866
ENSG00000219703	5.13E-15	-2.63127	1	1 RP1-92C8.2	K07836
ENSG00000219722	5.13E-15	-2.63127	1	1 RPL26P20	K02898
ENSG00000219738	5.13E-15	-2.63127	1	1 XXbac-BPG34I8.3	K06510
ENSG00000219757	5.13E-15	-2.63127	1	1 RP11-793L10.1	-
ENSG00000219758	5.13E-15	-2.63127	1	1 RP1-249H1.3	K02908
ENSG00000219773	5.13E-15	-2.63127	1	1 RP11-506B6.3	K02998
ENSG00000219776	5.13E-15	-2.63127	1	1 RPL21P67	K02889
ENSG00000219784	5.13E-15	-2.63127	1	1 RP1-172I22.1	K11830
ENSG00000219790	5.13E-15	-2.63127	1	1 OSTCP6	-
ENSG00000219797	5.13E-15	-2.63127	1	1 PPIAP9	K03767
ENSG00000219806	5.13E-15	-2.63127	1	1 ATP5F1P6	K02127
ENSG00000219807	5.13E-15	-2.63127	1	1 ARF1P1	K07937
ENSG00000219814	5.13E-15	-2.63127	1	1 XX-C2158C6.2	K02893
ENSG00000219863	5.13E-15	-2.63127	1	1 RPL31P28	K02910
ENSG00000219867	5.13E-15	-2.63127	1	1 RP11-40G16.1	K04513
ENSG00000219870	5.13E-15	-2.63127	1	1 RP11-430A19.2	K05752
ENSG00000219881	5.13E-15	-2.63127	1	1 GAPDHP42	K00134
ENSG00000219902	5.13E-15	-2.63127	1	1 RPL35P3	K02918
ENSG00000219926	5.13E-15	-2.63127	1	1 RP11-394A14.2	-
ENSG00000219928	5.13E-15	-2.63127	1	1 RP11-40C6.2	K02980
ENSG00000219930	5.13E-15	-2.63127	1	1 GAPDHP67	K00134
ENSG00000219940	5.13E-15	-2.63127	1	1 SPTLC1P3	K00654
ENSG00000219941	5.13E-15	-2.63127	1	1 KRT18P50	K07604
ENSG00000219951	5.13E-15	-2.63127	1	1 RP11-378G13.2	K00134
ENSG00000219993	5.13E-15	-2.63127	1	1 RP11-288G3.3	K02976
ENSG00000220008	5.13E-15	-2.63127	1	1 LINGO3	-
ENSG00000220030	5.13E-15	-2.63127	1	1 RP1-91N13.1	-
ENSG00000220032	5.13E-15	-2.63127	1	1 RP11-17M16.1	-
ENSG00000220069	5.13E-15	-2.63127	1	1 RPL7P27	K02937
ENSG00000220076	5.13E-15	-2.63127	1	1 RP1-207H1.2	K02981
ENSG00000220091	5.13E-15	-2.63127	1	1 LAP3P1	-
ENSG00000220105	5.13E-15	-2.63127	1	1 RP11-307I14.2	K02989
ENSG00000220110	5.13E-15	-2.63127	1	1 RP1-6P5.2	K02889

ENSG00000220113	5.13E-15	-2.63127	1	1 MTCYBP4	K00412
ENSG00000220125	5.13E-15	-2.63127	1	1 MRPL32P1	-
ENSG00000220130	5.13E-15	-2.63127	1	1 RP1-72A23.3	-
ENSG00000220131	5.13E-15	-2.63127	1	1 RP4-570O12.2	K02955
ENSG00000220132	5.13E-15	-2.63127	1	1 AF238380.8	-
ENSG00000220139	5.13E-15	-2.63127	1	1 RP3-354N19.1	-
ENSG00000220154	5.13E-15	-2.63127	1	1 RP11-46B11.2	K02964
ENSG00000220161	5.13E-15	-2.63127	1	1 RP1-37N7.3	-
ENSG00000220181	5.13E-15	-2.63127	1	1 RP11-486M3.2	-
ENSG00000220184	5.13E-15	-2.63127	1	1 HMGB3P18	K11296
ENSG00000220204	5.13E-15	-2.63127	1	1 RP1-53C18.3	K09503
ENSG00000220212	5.13E-15	-2.63127	1	1 OR4F1P	K04257
ENSG00000220237	5.13E-15	-2.63127	1	1 RPS24P12	-
ENSG00000220240	5.13E-15	-2.63127	1	1 RP11-76H14.5	K07364
ENSG00000220248	5.13E-15	-2.63127	1	1 ZNF402P	-
ENSG00000220256	5.13E-15	-2.63127	1	1 AC093802.1	K06115
ENSG00000220267	5.13E-15	-2.63127	1	1 ACTBP8	K05692
ENSG00000220291	5.13E-15	-2.63127	1	1 RP3-455E7.1	-
ENSG00000220311	5.13E-15	-2.63127	1	1 RPL35AP18	K02917
ENSG00000220323	5.13E-15	-2.63127	1	1 HIST2H2BD	K11252
ENSG00000220326	5.13E-15	-2.63127	1	1 RP11-129H15.1	K02268
ENSG00000220340	5.13E-15	-2.63127	1	1 RP3-433F14.1	K02256
ENSG00000220343	5.13E-15	-2.63127	1	1 RP11-440K22.1	K03767
ENSG00000220347	5.13E-15	-2.63127	1	1 RP11-230C9.1	K11253
ENSG00000220349	5.13E-15	-2.63127	1	1 RP3-431A14.4	-
ENSG00000220370	5.13E-15	-2.63127	1	1 RP3-399J4.2	K02936
ENSG00000220377	5.13E-15	-2.63127	1	1 RP1-152L7.3	K00799
ENSG00000220412	5.13E-15	-2.63127	1	1 RP11-95M15.2	K07293
ENSG00000220418	5.13E-15	-2.63127	1	1 TUBB3P1	K07375
ENSG00000220446	5.13E-15	-2.63127	1	1 RP3-520B18.1	-
ENSG00000220447	5.13E-15	-2.63127	1	1 RP1-276J11.2	K02957
ENSG00000220483	5.13E-15	-2.63127	1	1 SLC25A51P1	-
ENSG00000220494	5.13E-15	-2.63127	1	1 YAPIP1	K16687
ENSG00000220505	5.13E-15	-2.63127	1	1 EIF4EBP2P3	K18644
ENSG00000220514	5.13E-15	-2.63127	1	1 RP11-331O9.6	-
ENSG00000220515	5.13E-15	-2.63127	1	1 PGAM1P10	K01834
ENSG00000220517	5.13E-15	-2.63127	1	1 ASS1P1	K01940
ENSG00000220522	5.13E-15	-2.63127	1	1 RP1-177A13.1	-
ENSG00000220537	5.13E-15	-2.63127	1	1 RP3-492P14.2	-
ENSG00000220540	5.13E-15	-2.63127	1	1 RP1-298M8.1	K09228
ENSG00000220541	5.13E-15	-2.63127	1	1 RP5-1170D6.1	K09567
ENSG00000220548	5.13E-15	-2.63127	1	1 VIMP1	K07606
ENSG00000220553	5.13E-15	-2.63127	1	1 RPL5P19	-
ENSG00000220556	5.13E-15	-2.63127	1	1 RP1-202I21.3	-
ENSG00000220557	5.13E-15	-2.63127	1	1 HMGB1P13	K10802
ENSG00000220575	5.13E-15	-2.63127	1	1 HTR5A-AS1	K04161
ENSG00000220581	5.13E-15	-2.63127	1	1 VN1R12P	K04614
ENSG00000220585	5.13E-15	-2.63127	1	1 DDX18P6	K13179
ENSG00000220586	5.13E-15	-2.63127	1	1 TUBBP9	K07375
ENSG00000220598	5.13E-15	-2.63127	1	1 SSR1P1	-
ENSG00000220600	5.13E-15	-2.63127	1	1 RP3-509I19.6	K12160
ENSG00000220614	5.13E-15	-2.63127	1	1 RP11-480N24.4	K02915
ENSG00000220635	5.13E-15	-2.63127	1	1 KRASP1	K07827
ENSG00000220643	5.13E-15	-2.63127	1	1 RP3-391O22.1	K02929
ENSG00000220666	5.13E-15	-2.63127	1	1 RCC2P7	-
ENSG00000220694	5.13E-15	-2.63127	1	1 RP3-403A15.1	K02880
ENSG00000220721	5.13E-15	-2.63127	1	1 OR1F12	K04257
ENSG00000220725	5.13E-15	-2.63127	1	1 RP11-228O6.2	-

ENSG00000220730	5.13E-15	-2.63127	1	1 RP11-474L11.3	K11253
ENSG00000220733	5.13E-15	-2.63127	1	1 RP11-331O9.5	-
ENSG00000220734	5.13E-15	-2.63127	1	1 RP3-510O8.3	K13800
ENSG00000220739	5.13E-15	-2.63127	1	1 RP11-277I20.3	K01794
ENSG00000220744	5.13E-15	-2.63127	1	1 RPL5P18	K02932
ENSG00000220745	5.13E-15	-2.63127	1	1 RP1-101K10.4	-
ENSG00000220748	5.13E-15	-2.63127	1	1 RP1-59B16.1	K18329
ENSG00000220758	5.13E-15	-2.63127	1	1 VN1R10P	-
ENSG00000220771	5.13E-15	-2.63127	1	1 RP3-322L4.2	-
ENSG00000220831	5.13E-15	-2.63127	1	1 NDUFA5P9	K03949
ENSG00000220867	5.13E-15	-2.63127	1	1 HSPE1P26	K04078
ENSG00000220868	5.13E-15	-2.63127	1	1 MRPL35P1	K02916
ENSG00000220871	5.13E-15	-2.63127	1	1 DNAJC19P6	K09539
ENSG00000220884	5.13E-15	-2.63127	1	1 MESTP1	-
ENSG00000220891	5.13E-15	-2.63127	1	1 LL22NC03-63E9.3	K12022
ENSG00000220908	5.13E-15	-2.63127	1	1 RP11-127B16.1	-
ENSG00000220913	5.13E-15	-2.63127	1	1 RP11-235G24.2	K09644
ENSG00000220918	5.13E-15	-2.63127	1	1 RP1-92C4.1	-
ENSG00000220924	5.13E-15	-2.63127	1	1 OSTCP4	-
ENSG00000220948	5.13E-15	-2.63127	1	1 TRIM51GP	K12019
ENSG00000220949	5.13E-15	-2.63127	1	1 CTC-499B15.1	K09228
ENSG00000220960	5.13E-15	-2.63127	1	1 RP1-72A23.1	K12403
ENSG00000220981	5.13E-15	-2.63127	1	1 AL391384.1	-
ENSG00000220982	5.13E-15	-2.63127	1	1 AC009784.1	-
ENSG00000220984	5.13E-15	-2.63127	1	1 AC025674.1	-
ENSG00000220986	5.13E-15	-2.63127	1	1 SNORA50	-
ENSG00000220987	5.13E-15	-2.63127	1	1 AC084368.1	-
ENSG00000220988	5.13E-15	-2.63127	1	1 SNORD88C	-
ENSG00000220989	5.13E-15	-2.63127	1	1 AC063944.1	-
ENSG00000220990	5.13E-15	-2.63127	1	1 AL450423.1	-
ENSG00000220992	5.13E-15	-2.63127	1	1 AL158151.1	-
ENSG00000220993	5.13E-15	-2.63127	1	1 AC007611.1	-
ENSG00000220996	5.13E-15	-2.63127	1	1 AC034236.1	-
ENSG00000220997	5.13E-15	-2.63127	1	1 AL161651.1	-
ENSG00000220999	5.13E-15	-2.63127	1	1 AC012671.1	-
ENSG00000221000	5.13E-15	-2.63127	1	1 AC116165.1	-
ENSG00000221002	5.13E-15	-2.63127	1	1 AC022120.1	-
ENSG00000221003	5.13E-15	-2.63127	1	1 AC131254.1	-
ENSG00000221005	5.13E-15	-2.63127	1	1 AL161723.1	-
ENSG00000221007	5.13E-15	-2.63127	1	1 AL354984.1	-
ENSG00000221008	5.13E-15	-2.63127	1	1 AC136698.1	-
ENSG00000221010	5.13E-15	-2.63127	1	1 AL008708.1	-
ENSG00000221011	5.13E-15	-2.63127	1	1 AC079804.1	-
ENSG00000221015	5.13E-15	-2.63127	1	1 RNU6ATAC29P	-
ENSG00000221016	5.13E-15	-2.63127	1	1 AC002558.1	-
ENSG00000221017	5.13E-15	-2.63127	1	1 MIR1323	-
ENSG00000221018	5.13E-15	-2.63127	1	1 AC136365.1	-
ENSG00000221019	5.13E-15	-2.63127	1	1 AC127526.1	-
ENSG00000221021	5.13E-15	-2.63127	1	1 AL035697.1	-
ENSG00000221023	5.13E-15	-2.63127	1	1 RNU6ATAC19P	-
ENSG00000221025	5.13E-15	-2.63127	1	1 MIR1250	-
ENSG00000221026	5.13E-15	-2.63127	1	1 AL592063.1	-
ENSG00000221027	5.13E-15	-2.63127	1	1 AC068020.1	-
ENSG00000221028	5.13E-15	-2.63127	1	1 MIR1231	-
ENSG00000221029	5.13E-15	-2.63127	1	1 AC016194.1	-
ENSG00000221030	5.13E-15	-2.63127	1	1 AC010930.1	-
ENSG00000221031	5.13E-15	-2.63127	1	1 CoTC_ribozyme	-
ENSG00000221032	5.13E-15	-2.63127	1	1 AL590683.1	-

ENSG00000221033	5.13E-15	-2.63127	1	1 MIR1272	--
ENSG00000221035	5.13E-15	-2.63127	1	1 MIR486	--
ENSG00000221036	5.13E-15	-2.63127	1	1 MIR1193	--
ENSG00000221037	5.13E-15	-2.63127	1	1 AC090099.1	--
ENSG00000221038	5.13E-15	-2.63127	1	1 RNU6ATAC7P	--
ENSG00000221039	5.13E-15	-2.63127	1	1 MIR1286	--
ENSG00000221040	5.13E-15	-2.63127	1	1 U3	--
ENSG00000221041	5.13E-15	-2.63127	1	1 AP001537.1	--
ENSG00000221042	5.13E-15	-2.63127	1	1 CPEB3_ribozyme	--
ENSG00000221043	5.13E-15	-2.63127	1	1 U3	--
ENSG00000221046	5.13E-15	-2.63127	1	1 RNU6ATAC38P	--
ENSG00000221048	5.13E-15	-2.63127	1	1 AC079781.1	--
ENSG00000221050	5.13E-15	-2.63127	1	1 AC091304.1	--
ENSG00000221052	5.13E-15	-2.63127	1	1 MIR1266	--
ENSG00000221053	5.13E-15	-2.63127	1	1 AC115286.1	--
ENSG00000221055	5.13E-15	-2.63127	1	1 MIR1302-3	--
ENSG00000221058	5.13E-15	-2.63127	1	1 AC090666.1	--
ENSG00000221059	5.13E-15	-2.63127	1	1 RNU6ATAC6P	--
ENSG00000221060	5.13E-15	-2.63127	1	1 SNORA11	--
ENSG00000221062	5.13E-15	-2.63127	1	1 MIR1292	--
ENSG00000221065	5.13E-15	-2.63127	1	1 MIR1233-2	--
ENSG00000221066	5.13E-15	-2.63127	1	1 SNORD111	--
ENSG00000221067	5.13E-15	-2.63127	1	1 MIR1280	--
ENSG00000221069	5.13E-15	-2.63127	1	1 AC000029.1	--
ENSG00000221070	5.13E-15	-2.63127	1	1 AC008625.1	--
ENSG00000221072	5.13E-15	-2.63127	1	1 AC124853.1	--
ENSG00000221073	5.13E-15	-2.63127	1	1 AC112198.2	--
ENSG00000221074	5.13E-15	-2.63127	1	1 AC078851.2	--
ENSG00000221075	5.13E-15	-2.63127	1	1 AC119751.1	--
ENSG00000221077	5.13E-15	-2.63127	1	1 AL117190.1	--
ENSG00000221079	5.13E-15	-2.63127	1	1 AC083829.1	--
ENSG00000221081	5.13E-15	-2.63127	1	1 MIR320D2	--
ENSG00000221082	5.13E-15	-2.63127	1	1 AC119751.2	--
ENSG00000221083	5.13E-15	-2.63127	1	1 SNORA77	--
ENSG00000221084	5.13E-15	-2.63127	1	1 AP000547.1	--
ENSG00000221085	5.13E-15	-2.63127	1	1 AC096664.3	--
ENSG00000221087	5.13E-15	-2.63127	1	1 AC096546.1	--
ENSG00000221091	5.13E-15	-2.63127	1	1 MIR1302-5	--
ENSG00000221093	5.13E-15	-2.63127	1	1 SNORA3	--
ENSG00000221094	5.13E-15	-2.63127	1	1 AL671972.1	--
ENSG00000221095	5.13E-15	-2.63127	1	1 AC135995.1	--
ENSG00000221096	5.13E-15	-2.63127	1	1 AC092757.1	--
ENSG00000221100	5.13E-15	-2.63127	1	1 AL138706.1	--
ENSG00000221101	5.13E-15	-2.63127	1	1 AL391417.1	--
ENSG00000221102	5.13E-15	-2.63127	1	1 SNORA11B	--
ENSG00000221104	5.13E-15	-2.63127	1	1 AC092865.1	--
ENSG00000221105	5.13E-15	-2.63127	1	1 AL159997.1	--
ENSG00000221108	5.13E-15	-2.63127	1	1 AL845259.1	--
ENSG00000221110	5.13E-15	-2.63127	1	1 AL449083.1	--
ENSG00000221111	5.13E-15	-2.63127	1	1 AL590726.2	--
ENSG00000221112	5.13E-15	-2.63127	1	1 AP000908.1	--
ENSG00000221113	5.13E-15	-2.63127	1	1 AC104133.1	--
ENSG00000221114	5.13E-15	-2.63127	1	1 RNU6ATAC30P	--
ENSG00000221115	5.13E-15	-2.63127	1	1 AC020910.1	--
ENSG00000221116	5.13E-15	-2.63127	1	1 SNORD110	--
ENSG00000221118	5.13E-15	-2.63127	1	1 AC112249.1	--
ENSG00000221120	5.13E-15	-2.63127	1	1 MIR1224	--
ENSG00000221121	5.13E-15	-2.63127	1	1 AC083811.1	--

ENSG00000221122	5.13E-15	-2.63127	1	1 AC098869.1	--
ENSG00000221123	5.13E-15	-2.63127	1	1 AC104417.1	--
ENSG00000221125	5.13E-15	-2.63127	1	1 U3	--
ENSG00000221126	5.13E-15	-2.63127	1	1 AC092265.1	--
ENSG00000221128	5.13E-15	-2.63127	1	1 AC007450.1	--
ENSG00000221130	5.13E-15	-2.63127	1	1 AP001482.1	--
ENSG00000221131	5.13E-15	-2.63127	1	1 AC008410.1	--
ENSG00000221132	5.13E-15	-2.63127	1	1 AL035422.1	--
ENSG00000221134	5.13E-15	-2.63127	1	1 AC007339.1	--
ENSG00000221135	5.13E-15	-2.63127	1	1 AC021078.1	--
ENSG00000221136	5.13E-15	-2.63127	1	1 AC131094.1	--
ENSG00000221137	5.13E-15	-2.63127	1	1 AC013751.1	--
ENSG00000221139	5.13E-15	-2.63127	1	1 SNORD23	--
ENSG00000221141	5.13E-15	-2.63127	1	1 AC126323.1	--
ENSG00000221142	5.13E-15	-2.63127	1	1 AC104405.1	--
ENSG00000221145	5.13E-15	-2.63127	1	1 AL136987.1	--
ENSG00000221147	5.13E-15	-2.63127	1	1 MIR1270-2	--
ENSG00000221148	5.13E-15	-2.63127	1	1 SNORA3	--
ENSG00000221156	5.13E-15	-2.63127	1	1 AC007551.1	--
ENSG00000221157	5.13E-15	-2.63127	1	1 AC009196.1	--
ENSG00000221160	5.13E-15	-2.63127	1	1 MIR1281	--
ENSG00000221163	5.13E-15	-2.63127	1	1 AL138963.1	--
ENSG00000221165	5.13E-15	-2.63127	1	1 AL359983.1	--
ENSG00000221167	5.13E-15	-2.63127	1	1 AC008397.1	--
ENSG00000221170	5.13E-15	-2.63127	1	1 MIR1304	--
ENSG00000221172	5.13E-15	-2.63127	1	1 AC091096.1	--
ENSG00000221173	5.13E-15	-2.63127	1	1 AL161908.1	--
ENSG00000221174	5.13E-15	-2.63127	1	1 AL050327.1	--
ENSG00000221175	5.13E-15	-2.63127	1	1 AL391538.1	--
ENSG00000221176	5.13E-15	-2.63127	1	1 MIR1207	--
ENSG00000221177	5.13E-15	-2.63127	1	1 AC126339.1	--
ENSG00000221178	5.13E-15	-2.63127	1	1 AC008045.1	--
ENSG00000221179	5.13E-15	-2.63127	1	1 AC016670.1	--
ENSG00000221180	5.13E-15	-2.63127	1	1 AB019440.1	--
ENSG00000221181	5.13E-15	-2.63127	1	1 AC078899.5	--
ENSG00000221182	5.13E-15	-2.63127	1	1 SNORD98	--
ENSG00000221183	5.13E-15	-2.63127	1	1 AC093897.1	--
ENSG00000221185	5.13E-15	-2.63127	1	1 AC103816.1	--
ENSG00000221186	5.13E-15	-2.63127	1	1 AC114798.1	--
ENSG00000221187	5.13E-15	-2.63127	1	1 MIR548M	--
ENSG00000221189	5.13E-15	-2.63127	1	1 AC108211.1	--
ENSG00000221190	5.13E-15	-2.63127	1	1 MIR1184-3	--
ENSG00000221191	5.13E-15	-2.63127	1	1 AL662890.1	--
ENSG00000221192	5.13E-15	-2.63127	1	1 AC004745.1	--
ENSG00000221195	5.13E-15	-2.63127	1	1 AC008780.1	--
ENSG00000221198	5.13E-15	-2.63127	1	1 AL138696.1	--
ENSG00000221199	5.13E-15	-2.63127	1	1 AC114765.3	--
ENSG00000221200	5.13E-15	-2.63127	1	1 MIR1253	--
ENSG00000221201	5.13E-15	-2.63127	1	1 AL031655.1	--
ENSG00000221202	5.13E-15	-2.63127	1	1 AC012050.1	--
ENSG00000221206	5.13E-15	-2.63127	1	1 RNU6ATAC15P	--
ENSG00000221210	5.13E-15	-2.63127	1	1 AP001137.1	--
ENSG00000221211	5.13E-15	-2.63127	1	1 AC078794.1	--
ENSG00000221214	5.13E-15	-2.63127	1	1 MIR548E	--
ENSG00000221216	5.13E-15	-2.63127	1	1 RNU6ATAC27P	--
ENSG00000221217	5.13E-15	-2.63127	1	1 AL359851.1	--
ENSG00000221218	5.13E-15	-2.63127	1	1 AC009997.1	--
ENSG00000221219	5.13E-15	-2.63127	1	1 AC110298.1	--

ENSG00000221220	5.13E-15	-2.63127	1	1	AL035045.1	--
ENSG00000221221	5.13E-15	-2.63127	1	1	AL139815.1	--
ENSG00000221222	5.13E-15	-2.63127	1	1	AL139139.1	--
ENSG00000221225	5.13E-15	-2.63127	1	1	AL138837.1	--
ENSG00000221226	5.13E-15	-2.63127	1	1	AC092724.1	--
ENSG00000221227	5.13E-15	-2.63127	1	1	MIR1305	--
ENSG00000221232	5.13E-15	-2.63127	1	1	AC012047.1	--
ENSG00000221233	5.13E-15	-2.63127	1	1	AC007842.1	--
ENSG00000221234	5.13E-15	-2.63127	1	1	AC009495.1	--
ENSG00000221235	5.13E-15	-2.63127	1	1	AC110813.1	--
ENSG00000221236	5.13E-15	-2.63127	1	1	AL137190.1	--
ENSG00000221237	5.13E-15	-2.63127	1	1	AC106736.1	--
ENSG00000221238	5.13E-15	-2.63127	1	1	MIR1285-2	--
ENSG00000221240	5.13E-15	-2.63127	1	1	MIR1258	--
ENSG00000221244	5.13E-15	-2.63127	1	1	AC116351.2	--
ENSG00000221245	5.13E-15	-2.63127	1	1	SNORA11	--
ENSG00000221246	5.13E-15	-2.63127	1	1	AC144522.1	--
ENSG00000221247	5.13E-15	-2.63127	1	1	AC136704.1	--
ENSG00000221249	5.13E-15	-2.63127	1	1	AC004980.1	--
ENSG00000221250	5.13E-15	-2.63127	1	1	AC120045.1	--
ENSG00000221251	5.13E-15	-2.63127	1	1	MIR1263	--
ENSG00000221252	5.13E-15	-2.63127	1	1	U3	--
ENSG00000221254	5.13E-15	-2.63127	1	1	AL163952.2	--
ENSG00000221255	5.13E-15	-2.63127	1	1	RNU6ATAC37P	--
ENSG00000221257	5.13E-15	-2.63127	1	1	AC012175.1	--
ENSG00000221258	5.13E-15	-2.63127	1	1	AC011465.1	--
ENSG00000221259	5.13E-15	-2.63127	1	1	AC002978.1	--
ENSG00000221260	5.13E-15	-2.63127	1	1	AC083810.1	--
ENSG00000221262	5.13E-15	-2.63127	1	1	AC005159.1	--
ENSG00000221263	5.13E-15	-2.63127	1	1	MIR548P	--
ENSG00000221264	5.13E-15	-2.63127	1	1	MIR1284	--
ENSG00000221265	5.13E-15	-2.63127	1	1	MIR1255A	--
ENSG00000221266	5.13E-15	-2.63127	1	1	AC044860.1	--
ENSG00000221267	5.13E-15	-2.63127	1	1	MIR1236	--
ENSG00000221269	5.13E-15	-2.63127	1	1	MIR1302-8	--
ENSG00000221270	5.13E-15	-2.63127	1	1	AC130888.1	--
ENSG00000221273	5.13E-15	-2.63127	1	1	MIR1237	--
ENSG00000221275	5.13E-15	-2.63127	1	1	MIR548I2	--
ENSG00000221278	5.13E-15	-2.63127	1	1	AC003658.1	--
ENSG00000221279	5.13E-15	-2.63127	1	1	AC005161.1	--
ENSG00000221280	5.13E-15	-2.63127	1	1	AC026366.1	--
ENSG00000221281	5.13E-15	-2.63127	1	1	AC002485.1	--
ENSG00000221286	5.13E-15	-2.63127	1	1	AC092289.1	--
ENSG00000221287	5.13E-15	-2.63127	1	1	MIR1289-2	--
ENSG00000221288	5.13E-15	-2.63127	1	1	MIR663B	--
ENSG00000221289	5.13E-15	-2.63127	1	1	AC013406.1	--
ENSG00000221290	5.13E-15	-2.63127	1	1	MIR1182	--
ENSG00000221291	5.13E-15	-2.63127	1	1	AC090660.1	--
ENSG00000221293	5.13E-15	-2.63127	1	1	AC009987.1	--
ENSG00000221294	5.13E-15	-2.63127	1	1	AL021394.1	--
ENSG00000221295	5.13E-15	-2.63127	1	1	AC134698.1	--
ENSG00000221296	5.13E-15	-2.63127	1	1	MIR548T	--
ENSG00000221297	5.13E-15	-2.63127	1	1	AL590708.1	--
ENSG00000221300	5.13E-15	-2.63127	1	1	SNORD75	--
ENSG00000221301	5.13E-15	-2.63127	1	1	AC116562.1	--
ENSG00000221302	5.13E-15	-2.63127	1	1	AC018628.1	--
ENSG00000221303	5.13E-15	-2.63127	1	1	SNORA79	--
ENSG00000221304	5.13E-15	-2.63127	1	1	AC068706.1	--

ENSG00000221305	5.13E-15	-2.63127	1	1 MIR548I3	--
ENSG00000221307	5.13E-15	-2.63127	1	1 AC092745.1	--
ENSG00000221309	5.13E-15	-2.63127	1	1 AC091167.1	--
ENSG00000221310	5.13E-15	-2.63127	1	1 AC008967.1	--
ENSG00000221312	5.13E-15	-2.63127	1	1 AL109922.1	--
ENSG00000221313	5.13E-15	-2.63127	1	1 AC010207.1	--
ENSG00000221314	5.13E-15	-2.63127	1	1 AC093700.1	--
ENSG00000221316	5.13E-15	-2.63127	1	1 AL445204.1	--
ENSG00000221317	5.13E-15	-2.63127	1	1 AL513487.1	--
ENSG00000221318	5.13E-15	-2.63127	1	1 AC135983.1	--
ENSG00000221319	5.13E-15	-2.63127	1	1 AL441988.1	--
ENSG00000221320	5.13E-15	-2.63127	1	1 AC023385.1	--
ENSG00000221321	5.13E-15	-2.63127	1	1 AC016764.1	--
ENSG00000221322	5.13E-15	-2.63127	1	1 AC116533.1	--
ENSG00000221323	5.13E-15	-2.63127	1	1 MIR1178	--
ENSG00000221324	5.13E-15	-2.63127	1	1 AL590787.1	--
ENSG00000221325	5.13E-15	-2.63127	1	1 MIR1200	--
ENSG00000221326	5.13E-15	-2.63127	1	1 AL121652.1	--
ENSG00000221328	5.13E-15	-2.63127	1	1 AL117333.1	--
ENSG00000221330	5.13E-15	-2.63127	1	1 AC009159.1	--
ENSG00000221331	5.13E-15	-2.63127	1	1 MIR548Q	--
ENSG00000221332	5.13E-15	-2.63127	1	1 U3	--
ENSG00000221333	5.13E-15	-2.63127	1	1 MIR548K	--
ENSG00000221334	5.13E-15	-2.63127	1	1 AC119751.3	--
ENSG00000221335	5.13E-15	-2.63127	1	1 AP000745.1	--
ENSG00000221336	5.13E-15	-2.63127	1	1 AL356137.1	--
ENSG00000221337	5.13E-15	-2.63127	1	1 AC099537.1	--
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ENSG00000221344	5.13E-15	-2.63127	1	1 AC068946.1	--
ENSG00000221345	5.13E-15	-2.63127	1	1 U3	--
ENSG00000221346	5.13E-15	-2.63127	1	1 AL356458.1	--
ENSG00000221347	5.13E-15	-2.63127	1	1 AC096649.4	--
ENSG00000221348	5.13E-15	-2.63127	1	1 MIR548F5	--
ENSG00000221351	5.13E-15	-2.63127	1	1 AC068570.1	--
ENSG00000221352	5.13E-15	-2.63127	1	1 AL356214.1	--
ENSG00000221354	5.13E-15	-2.63127	1	1 AC131280.1	--
ENSG00000221355	5.13E-15	-2.63127	1	1 MIR1288	--
ENSG00000221356	5.13E-15	-2.63127	1	1 AC004492.1	--
ENSG00000221357	5.13E-15	-2.63127	1	1 AC104387.1	--
ENSG00000221358	5.13E-15	-2.63127	1	1 AC026150.1	--
ENSG00000221359	5.13E-15	-2.63127	1	1 AL355512.1	--
ENSG00000221362	5.13E-15	-2.63127	1	1 AC106860.1	--
ENSG00000221363	5.13E-15	-2.63127	1	1 RNU6ATAC20P	--
ENSG00000221365	5.13E-15	-2.63127	1	1 MIR1228	--
ENSG00000221366	5.13E-15	-2.63127	1	1 MIR1306	--
ENSG00000221369	5.13E-15	-2.63127	1	1 MIR548G	--
ENSG00000221371	5.13E-15	-2.63127	1	1 MIR1265	--
ENSG00000221372	5.13E-15	-2.63127	1	1 AC010739.1	--
ENSG00000221373	5.13E-15	-2.63127	1	1 AC010297.1	--
ENSG00000221374	5.13E-15	-2.63127	1	1 AC007242.1	--
ENSG00000221375	5.13E-15	-2.63127	1	1 RNU6ATAC23P	--
ENSG00000221376	5.13E-15	-2.63127	1	1 SNORA77	--
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ENSG00000221378	5.13E-15	-2.63127	1	1 AL096864.1	--
ENSG00000221379	5.13E-15	-2.63127	1	1 AC004460.1	--
ENSG00000221380	5.13E-15	-2.63127	1	1 AC108696.1	--
ENSG00000221381	5.13E-15	-2.63127	1	1 SNORD88B	--
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ENSG00000221383	5.13E-15	-2.63127	1	1 AC016907.1	--
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ENSG00000221385	5.13E-15	-2.63127	1	1 AL354984.2	--
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ENSG00000221389	5.13E-15	-2.63127	1	1 AC010754.1	--
ENSG00000221390	5.13E-15	-2.63127	1	1 MIR1295A	--
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ENSG00000221392	5.13E-15	-2.63127	1	1 Z73964.1	--
ENSG00000221393	5.13E-15	-2.63127	1	1 MIR1302-6	--
ENSG00000221394	5.13E-15	-2.63127	1	1 MIR1229	--
ENSG00000221395	5.13E-15	-2.63127	1	1 AC099506.1	--
ENSG00000221396	5.13E-15	-2.63127	1	1 AF064863.1	--
ENSG00000221398	5.13E-15	-2.63127	1	1 SNORA11	--
ENSG00000221400	5.13E-15	-2.63127	1	1 U3	--
ENSG00000221401	5.13E-15	-2.63127	1	1 AC025594.1	--
ENSG00000221402	5.13E-15	-2.63127	1	1 AL353664.1	--
ENSG00000221403	5.13E-15	-2.63127	1	1 AC096633.1	--
ENSG00000221405	5.13E-15	-2.63127	1	1 AC123768.2	--
ENSG00000221407	5.13E-15	-2.63127	1	1 U85056.4	--
ENSG00000221409	5.13E-15	-2.63127	1	1 AC068506.1	--
ENSG00000221410	5.13E-15	-2.63127	1	1 MIR1238	--
ENSG00000221411	5.13E-15	-2.63127	1	1 MIR1227	--
ENSG00000221412	5.13E-15	-2.63127	1	1 AC124861.2	--
ENSG00000221413	5.13E-15	-2.63127	1	1 AC023593.1	--
ENSG00000221415	5.13E-15	-2.63127	1	1 AC118282.1	--
ENSG00000221416	5.13E-15	-2.63127	1	1 AL133232.1	--
ENSG00000221417	5.13E-15	-2.63127	1	1 MIR1257	--
ENSG00000221418	5.13E-15	-2.63127	1	1 AC003968.1	--
ENSG00000221419	5.13E-15	-2.63127	1	1 MIR1287	--
ENSG00000221420	5.13E-15	-2.63127	1	1 SNORA81	--
ENSG00000221421	5.13E-15	-2.63127	1	1 MIR1283-1	--
ENSG00000221423	5.13E-15	-2.63127	1	1 AL031602.1	--
ENSG00000221424	5.13E-15	-2.63127	1	1 AC090954.1	--
ENSG00000221425	5.13E-15	-2.63127	1	1 AL157904.1	--
ENSG00000221427	5.13E-15	-2.63127	1	1 AL121819.1	--
ENSG00000221428	5.13E-15	-2.63127	1	1 AC006150.2	--
ENSG00000221430	5.13E-15	-2.63127	1	1 MIR1294	--
ENSG00000221431	5.13E-15	-2.63127	1	1 AC092925.1	--
ENSG00000221432	5.13E-15	-2.63127	1	1 AC079834.2	--
ENSG00000221434	5.13E-15	-2.63127	1	1 AL132671.1	--
ENSG00000221436	5.13E-15	-2.63127	1	1 MIR548F3	--
ENSG00000221437	5.13E-15	-2.63127	1	1 AC068058.1	--
ENSG00000221438	5.13E-15	-2.63127	1	1 AC114877.1	--
ENSG00000221440	5.13E-15	-2.63127	1	1 RNU6ATAC31P	--
ENSG00000221442	5.13E-15	-2.63127	1	1 MIR548F4	--
ENSG00000221443	5.13E-15	-2.63127	1	1 AC017083.3	--
ENSG00000221444	5.13E-15	-2.63127	1	1 AC139426.1	--
ENSG00000221445	5.13E-15	-2.63127	1	1 MIR1301	--
ENSG00000221446	5.13E-15	-2.63127	1	1 AC099805.1	--
ENSG00000221447	5.13E-15	-2.63127	1	1 AL591415.1	--
ENSG00000221448	5.13E-15	-2.63127	1	1 AL118509.1	--
ENSG00000221449	5.13E-15	-2.63127	1	1 AL109618.1	--
ENSG00000221450	5.13E-15	-2.63127	1	1 AL589675.1	--
ENSG00000221451	5.13E-15	-2.63127	1	1 AL354984.3	--
ENSG00000221454	5.13E-15	-2.63127	1	1 AC005631.1	--
ENSG00000221455	5.13E-15	-2.63127	1	1 U3	--
ENSG00000221456	5.13E-15	-2.63127	1	1 MIR1202	--

ENSG00000221457	5.13E-15	-2.63127	1	1 AC092958.1	--
ENSG00000221458	5.13E-15	-2.63127	1	1 AP003498.1	--
ENSG00000221459	5.13E-15	-2.63127	1	1 SNORA11C	--
ENSG00000221461	5.13E-15	-2.63127	1	1 U3	--
ENSG00000221463	5.13E-15	-2.63127	1	1 MIR1277	--
ENSG00000221464	5.13E-15	-2.63127	1	1 MIR1271	--
ENSG00000221465	5.13E-15	-2.63127	1	1 AL162502.1	--
ENSG00000221466	5.13E-15	-2.63127	1	1 MIR548AJ2	--
ENSG00000221467	5.13E-15	-2.63127	1	1 AC132803.1	--
ENSG00000221468	5.13E-15	-2.63127	1	1 RNU6ATAC11P	--
ENSG00000221469	5.13E-15	-2.63127	1	1 AL133260.1	--
ENSG00000221470	5.13E-15	-2.63127	1	1 AL132875.1	--
ENSG00000221471	5.13E-15	-2.63127	1	1 AC098847.1	--
ENSG00000221473	5.13E-15	-2.63127	1	1 AL138710.1	--
ENSG00000221474	5.13E-15	-2.63127	1	1 AC068754.1	--
ENSG00000221475	5.13E-15	-2.63127	1	1 SNORA11D	--
ENSG00000221476	5.13E-15	-2.63127	1	1 MIR1827	--
ENSG00000221477	5.13E-15	-2.63127	1	1 AC108739.1	--
ENSG00000221478	5.13E-15	-2.63127	1	1 AC092329.1	--
ENSG00000221479	5.13E-15	-2.63127	1	1 MIR1251	--
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ENSG00000221486	5.13E-15	-2.63127	1	1 AC000003.1	--
ENSG00000221488	5.13E-15	-2.63127	1	1 AC092017.1	--
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ENSG00000221493	5.13E-15	-2.63127	1	1 MIR320C1	--
ENSG00000221494	5.13E-15	-2.63127	1	1 MIR548I4	--
ENSG00000221495	5.13E-15	-2.63127	1	1 AC098680.1	--
ENSG00000221496	5.13E-15	-2.63127	1	1 U3	--
ENSG00000221497	5.13E-15	-2.63127	1	1 AL034449.1	--
ENSG00000221498	5.13E-15	-2.63127	1	1 SNORA77	--
ENSG00000221499	5.13E-15	-2.63127	1	1 AC078881.1	--
ENSG00000221502	5.13E-15	-2.63127	1	1 MIR1245A	--
ENSG00000221504	5.13E-15	-2.63127	1	1 AC011456.1	--
ENSG00000221505	5.13E-15	-2.63127	1	1 AL030997.1	--
ENSG00000221506	5.13E-15	-2.63127	1	1 AC092038.1	--
ENSG00000221507	5.13E-15	-2.63127	1	1 RNU6ATAC40P	--
ENSG00000221510	5.13E-15	-2.63127	1	1 MIR548O	--
ENSG00000221511	5.13E-15	-2.63127	1	1 AC090825.1	--
ENSG00000221514	5.13E-15	-2.63127	1	1 SNORD111B	--
ENSG00000221515	5.13E-15	-2.63127	1	1 AC007333.1	--
ENSG00000221516	5.13E-15	-2.63127	1	1 AP002806.1	--
ENSG00000221517	5.13E-15	-2.63127	1	1 AC010724.1	--
ENSG00000221518	5.13E-15	-2.63127	1	1 RNU6ATAC16P	--
ENSG00000221519	5.13E-15	-2.63127	1	1 AL390071.1	--
ENSG00000221521	5.13E-15	-2.63127	1	1 AL158151.2	--
ENSG00000221523	5.13E-15	-2.63127	1	1 AC079080.1	--
ENSG00000221524	5.13E-15	-2.63127	1	1 AC074391.2	--
ENSG00000221525	5.13E-15	-2.63127	1	1 MIR1185-1	--
ENSG00000221526	5.13E-15	-2.63127	1	1 AC040162.1	--
ENSG00000221527	5.13E-15	-2.63127	1	1 RNU6ATAC41P	--
ENSG00000221528	5.13E-15	-2.63127	1	1 AC016597.1	--
ENSG00000221529	5.13E-15	-2.63127	1	1 AC105227.1	--
ENSG00000221530	5.13E-15	-2.63127	1	1 AC005037.2	--
ENSG00000221531	5.13E-15	-2.63127	1	1 AC074091.1	--
ENSG00000221532	5.13E-15	-2.63127	1	1 AC007353.1	--
ENSG00000221533	5.13E-15	-2.63127	1	1 MIR1184-1	--
ENSG00000221534	5.13E-15	-2.63127	1	1 AC090079.1	--

ENSG00000221535	5.13E-15	-2.63127	1	1 AC027319.1	--
ENSG00000221536	5.13E-15	-2.63127	1	1 AC091643.1	--
ENSG00000221537	5.13E-15	-2.63127	1	1 MIR548H1	--
ENSG00000221538	5.13E-15	-2.63127	1	1 AL365361.1	--
ENSG00000221541	5.13E-15	-2.63127	1	1 AC079753.1	--
ENSG00000221542	5.13E-15	-2.63127	1	1 AC016405.2	--
ENSG00000221544	5.13E-15	-2.63127	1	1 AL359709.1	--
ENSG00000221545	5.13E-15	-2.63127	1	1 MIR1255B2	--
ENSG00000221547	5.13E-15	-2.63127	1	1 AL359853.1	--
ENSG00000221548	5.13E-15	-2.63127	1	1 MIR1283-2	--
ENSG00000221550	5.13E-15	-2.63127	1	1 AL645859.1	--
ENSG00000221551	5.13E-15	-2.63127	1	1 AP000478.1	--
ENSG00000221552	5.13E-15	-2.63127	1	1 MIR1303	--
ENSG00000221553	5.13E-15	-2.63127	1	1 AC004924.1	--
ENSG00000221556	5.13E-15	-2.63127	1	1 AC103794.1	--
ENSG00000221558	5.13E-15	-2.63127	1	1 AC024082.1	--
ENSG00000221559	5.13E-15	-2.63127	1	1 AL357519.1	--
ENSG00000221560	5.13E-15	-2.63127	1	1 MIR1302-1	--
ENSG00000221561	5.13E-15	-2.63127	1	1 AC087069.1	--
ENSG00000221562	5.13E-15	-2.63127	1	1 RNU6ATAC10P	--
ENSG00000221563	5.13E-15	-2.63127	1	1 MIR1269A	--
ENSG00000221564	5.13E-15	-2.63127	1	1 RNU6ATAC42P	--
ENSG00000221565	5.13E-15	-2.63127	1	1 AP004242.1	--
ENSG00000221566	5.13E-15	-2.63127	1	1 MIR1181	--
ENSG00000221567	5.13E-15	-2.63127	1	1 AF228730.2	--
ENSG00000221568	5.13E-15	-2.63127	1	1 AC026797.1	--
ENSG00000221573	5.13E-15	-2.63127	1	1 AC099535.1	--
ENSG00000221574	5.13E-15	-2.63127	1	1 RNU6ATAC33P	--
ENSG00000221576	5.13E-15	-2.63127	1	1 AC004543.1	--
ENSG00000221578	5.13E-15	-2.63127	1	1 AL049798.1	--
ENSG00000221579	5.13E-15	-2.63127	1	1 AC093162.1	--
ENSG00000221580	5.13E-15	-2.63127	1	1 AC116553.1	--
ENSG00000221581	5.13E-15	-2.63127	1	1 AL353707.1	--
ENSG00000221583	5.13E-15	-2.63127	1	1 RNU6ATAC21P	--
ENSG00000221584	5.13E-15	-2.63127	1	1 AC008747.1	--
ENSG00000221585	5.13E-15	-2.63127	1	1 MIR1226	--
ENSG00000221586	5.13E-15	-2.63127	1	1 MIR1261	--
ENSG00000221589	5.13E-15	-2.63127	1	1 AC100817.1	--
ENSG00000221590	5.13E-15	-2.63127	1	1 AC009299.1	--
ENSG00000221591	5.13E-15	-2.63127	1	1 AL161740.1	--
ENSG00000221593	5.13E-15	-2.63127	1	1 AC026150.2	--
ENSG00000221594	5.13E-15	-2.63127	1	1 MIR548F1	--
ENSG00000221595	5.13E-15	-2.63127	1	1 AC010458.1	--
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ENSG00000221601	5.13E-15	-2.63127	1	1 RNU4ATAC2P	--
ENSG00000221602	5.13E-15	-2.63127	1	1 AC133041.1	--
ENSG00000221603	5.13E-15	-2.63127	1	1 MIR1184-2	--
ENSG00000221604	5.13E-15	-2.63127	1	1 MIR1293	--
ENSG00000221606	5.13E-15	-2.63127	1	1 AL356131.1	--
ENSG00000221607	5.13E-15	-2.63127	1	1 AP005718.1	--
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ENSG00000221611	5.13E-15	-2.63127	1	1 SNORD88	--
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ENSG00000221616	5.13E-15	-2.63127	1	1 MIR548H4	--

ENSG00000221617	5.13E-15	-2.63127	1	1 AC138123.1	--
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ENSG00000221639	5.13E-15	-2.63127	1	1 SNORA3	--
ENSG00000221641	5.13E-15	-2.63127	1	1 MIR1268A	--
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ENSG00000221656	5.13E-15	-2.63127	1	1 MIR1225	--
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ENSG00000221659	5.13E-15	-2.63127	1	1 AC104441.1	--
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ENSG00000221763	5.13E-15	-2.63127	1	1	MIR1289-1	--
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ENSG00000221767	5.13E-15	-2.63127	1	1	MIR1307	--
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ENSG00000221771	5.13E-15	-2.63127	1	1	MIR1205	--
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ENSG00000221774	5.13E-15	-2.63127	1	1	AC016821.1	--
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ENSG00000221779	5.13E-15	-2.63127	1	1	AL590403.1	--
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ENSG00000221783	5.13E-15	-2.63127	1	1	MIR1183	--
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ENSG00000221788	5.13E-15	-2.63127	1	1	MIR1252	--
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ENSG00000221795	5.13E-15	-2.63127	1	1 MIR1324	-
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ENSG00000221803	5.13E-15	-2.63127	1	1 SNORD23	-
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ENSG00000221806	5.13E-15	-2.63127	1	1 RNU6ATAC34P	-
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ENSG00000221810	5.13E-15	-2.63127	1	1 AC026781.1	-
ENSG00000221813	5.13E-15	-2.63127	1	1 OR6B1	K04257
ENSG00000221818	5.13E-15	-2.63127	1	1 EBF2	K09103
ENSG00000221836	5.13E-15	-2.63127	1	1 OR2A5	K04257
ENSG00000221837	5.13E-15	-2.63127	1	1 KRTAP10-9	-
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ENSG00000221844	5.13E-15	-2.63127	1	1 RP11-404E6.1	K01277
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ENSG00000221852	5.13E-15	-2.63127	1	1 KRTAP1-5	-
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ENSG00000221857	5.13E-15	-2.63127	1	1 CTD-2527I21.4	-
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ENSG00000221859	5.13E-15	-2.63127	1	1 KRTAP10-10	-
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ENSG00000221870	5.13E-15	-2.63127	1	1 TMEM257	-
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ENSG00000221882	5.13E-15	-2.63127	1	1 OR3A2	K04257
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ENSG00000221891	5.13E-15	-2.63127	1	1 FAM218BP	-
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ENSG00000221923	5.13E-15	-2.63127	1	1 ZNF880	K09228
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ENSG00000221932	5.13E-15	-2.63127	1	1 HEPN1	-
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ENSG00000221938	5.13E-15	-2.63127	1	1 OR2A14	K04257
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ENSG00000221953	5.13E-15	-2.63127	1	1 C1orf229	K17985
ENSG00000221954	5.13E-15	-2.63127	1	1 OR4C12	K04257
ENSG00000221957	5.13E-15	-2.63127	1	1 KIR2DS4	K07981
ENSG00000221961	5.13E-15	-2.63127	1	1 PRR21	-
ENSG00000221962	5.13E-15	-2.63127	1	1 TMEM14E	-
ENSG00000221970	5.13E-15	-2.63127	1	1 OR2A1	K04257
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ENSG00000221986	5.13E-15	-2.63127	1	1 MYBPHL	-
ENSG00000221988	5.13E-15	-2.63127	1	1 PPT2	K01074
ENSG00000221989	5.13E-15	-2.63127	1	1 OR2A2	K04257
ENSG00000221994	5.13E-15	-2.63127	1	1 ZNF630	K09228
ENSG00000221996	5.13E-15	-2.63127	1	1 OR52B4	K04257

ENSG00000222000	5.13E-15	-2.63127	1	1 AC092675.3	-
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ENSG00000222007	5.13E-15	-2.63127	1	1 AC064874.1	-
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ENSG00000222017	5.13E-15	-2.63127	1	1 AC011997.1	-
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ENSG00000222024	5.13E-15	-2.63127	1	1 AC004945.1	-
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ENSG00000222030	5.13E-15	-2.63127	1	1 AC007131.1	-
ENSG00000222031	5.13E-15	-2.63127	1	1 AC023469.1	-
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ENSG00000222054	5.13E-15	-2.63127	1	1 RNA5SP177	-
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ENSG00000222068	5.13E-15	-2.63127	1	1 RN7SKP154	-
ENSG00000222070	5.13E-15	-2.63127	1	1 AC010150.2	-
ENSG00000222072	5.13E-15	-2.63127	1	1 Y_RNA	-
ENSG00000222076	5.13E-15	-2.63127	1	1 RNU2-3P	-
ENSG00000222078	5.13E-15	-2.63127	1	1 RN7SKP110	-
ENSG00000222079	5.13E-15	-2.63127	1	1 AC020636.1	-
ENSG00000222080	5.13E-15	-2.63127	1	1 AL356310.1	-
ENSG00000222084	5.13E-15	-2.63127	1	1 AL445074.1	-
ENSG00000222085	5.13E-15	-2.63127	1	1 AC024568.1	-
ENSG00000222086	5.13E-15	-2.63127	1	1 AC010609.1	-
ENSG00000222087	5.13E-15	-2.63127	1	1 RNU6-721P	-
ENSG00000222094	5.13E-15	-2.63127	1	1 RNU2-65P	-
ENSG00000222095	5.13E-15	-2.63127	1	1 SNORD113	-
ENSG00000222096	5.13E-15	-2.63127	1	1 AC019051.1	-
ENSG00000222099	5.13E-15	-2.63127	1	1 RN7SKP32	-
ENSG00000222101	5.13E-15	-2.63127	1	1 AC091705.2	-
ENSG00000222102	5.13E-15	-2.63127	1	1 RN7SKP232	-
ENSG00000222107	5.13E-15	-2.63127	1	1 RN7SKP117	-
ENSG00000222108	5.13E-15	-2.63127	1	1 RNA5SP317	-
ENSG00000222109	5.13E-15	-2.63127	1	1 AC093515.1	-
ENSG00000222111	5.13E-15	-2.63127	1	1 RN7SKP148	-
ENSG00000222112	5.13E-15	-2.63127	1	1 RN7SKP16	-
ENSG00000222114	5.13E-15	-2.63127	1	1 RNU6-985P	-
ENSG00000222117	5.13E-15	-2.63127	1	1 AL391867.1	-
ENSG00000222118	5.13E-15	-2.63127	1	1 RNA5SP487	-
ENSG00000222120	5.13E-15	-2.63127	1	1 RNA5SP81	-
ENSG00000222122	5.13E-15	-2.63127	1	1 RNU6-648P	-
ENSG00000222123	5.13E-15	-2.63127	1	1 RNA5SP390	-
ENSG00000222126	5.13E-15	-2.63127	1	1 RNU2-9P	-
ENSG00000222129	5.13E-15	-2.63127	1	1 RNA5SP36	-
ENSG00000222133	5.13E-15	-2.63127	1	1 AC003666.1	-
ENSG00000222139	5.13E-15	-2.63127	1	1 RNU6-380P	-
ENSG00000222145	5.13E-15	-2.63127	1	1 SNORA73	-

ENSG00000222146	5.13E-15	-2.63127	1	1 RNU4-37P	--
ENSG00000222148	5.13E-15	-2.63127	1	1 RNY4P30	--
ENSG00000222150	5.13E-15	-2.63127	1	1 RNA5SP239	--
ENSG00000222152	5.13E-15	-2.63127	1	1 RNU6-1166P	--
ENSG00000222154	5.13E-15	-2.63127	1	1 RN7SKP218	--
ENSG00000222158	5.13E-15	-2.63127	1	1 AP003471.2	--
ENSG00000222160	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222161	5.13E-15	-2.63127	1	1 Z97356.1	--
ENSG00000222162	5.13E-15	-2.63127	1	1 RN7SKP151	--
ENSG00000222164	5.13E-15	-2.63127	1	1 RN7SKP266	--
ENSG00000222168	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222169	5.13E-15	-2.63127	1	1 AL162590.1	--
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ENSG00000222174	5.13E-15	-2.63127	1	1 RN7SKP146	--
ENSG00000222178	5.13E-15	-2.63127	1	1 RNA5SP181	--
ENSG00000222179	5.13E-15	-2.63127	1	1 RN7SKP26	--
ENSG00000222182	5.13E-15	-2.63127	1	1 RNA5SP156	--
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ENSG00000222192	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222196	5.13E-15	-2.63127	1	1 AC121157.1	--
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ENSG00000222205	5.13E-15	-2.63127	1	1 RNA5SP266	--
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ENSG00000222209	5.13E-15	-2.63127	1	1 RNA5SP56	--
ENSG00000222210	5.13E-15	-2.63127	1	1 RN7SKP65	--
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ENSG00000222219	5.13E-15	-2.63127	1	1 AC091736.1	--
ENSG00000222220	5.13E-15	-2.63127	1	1 RN7SKP129	--
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ENSG00000222225	5.13E-15	-2.63127	1	1 RNU6-447P	--
ENSG00000222226	5.13E-15	-2.63127	1	1 AC006926.1	--
ENSG00000222230	5.13E-15	-2.63127	1	1 RNA5SP158	--
ENSG00000222231	5.13E-15	-2.63127	1	1 RNU2-54P	--
ENSG00000222232	5.13E-15	-2.63127	1	1 RNA5SP89	--
ENSG00000222235	5.13E-15	-2.63127	1	1 AL157392.1	--
ENSG00000222236	5.13E-15	-2.63127	1	1 RNA5SP163	--
ENSG00000222238	5.13E-15	-2.63127	1	1 RNU2-43P	--
ENSG00000222240	5.13E-15	-2.63127	1	1 RN7SKP156	--
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ENSG00000222248	5.13E-15	-2.63127	1	1 RNA5SP201	--
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ENSG00000222251	5.13E-15	-2.63127	1	1 RNA5SP95	--
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ENSG00000222257	5.13E-15	-2.63127	1	1 RN7SKP199	--
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ENSG00000222266	5.13E-15	-2.63127	1	1 RNU6-757P	--
ENSG00000222267	5.13E-15	-2.63127	1	1 RNU6-892P	--
ENSG00000222268	5.13E-15	-2.63127	1	1 RNA5SP425	--
ENSG00000222274	5.13E-15	-2.63127	1	1 AC018690.1	--
ENSG00000222276	5.13E-15	-2.63127	1	1 RNU2-33P	--
ENSG00000222281	5.13E-15	-2.63127	1	1 RN7SKP111	--

ENSG00000222285	5.13E-15	-2.63127	1	1 RNA5SP193	--
ENSG00000222287	5.13E-15	-2.63127	1	1 RNU6-1043P	--
ENSG00000222293	5.13E-15	-2.63127	1	1 RNU2-36P	--
ENSG00000222296	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222297	5.13E-15	-2.63127	1	1 RNU6-1156P	--
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ENSG00000222299	5.13E-15	-2.63127	1	1 AC009142.1	--
ENSG00000222300	5.13E-15	-2.63127	1	1 RNU2-21P	--
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ENSG00000222305	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222308	5.13E-15	-2.63127	1	1 RNA5SP198	--
ENSG00000222309	5.13E-15	-2.63127	1	1 AL391839.1	--
ENSG00000222311	5.13E-15	-2.63127	1	1 AC084882.1	--
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ENSG00000222316	5.13E-15	-2.63127	1	1 AC008581.1	--
ENSG00000222317	5.13E-15	-2.63127	1	1 RNA5SP118	--
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ENSG00000222321	5.13E-15	-2.63127	1	1 MIR1912	--
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ENSG00000222327	5.13E-15	-2.63127	1	1 RNU6-855P	--
ENSG00000222328	5.13E-15	-2.63127	1	1 RNU2-2P	--
ENSG00000222329	5.13E-15	-2.63127	1	1 RNU6-1076P	--
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ENSG00000222333	5.13E-15	-2.63127	1	1 AC093680.1	--
ENSG00000222334	5.13E-15	-2.63127	1	1 AC105242.1	--
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ENSG00000222337	5.13E-15	-2.63127	1	1 RN7SKP225	--
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ENSG00000222339	5.13E-15	-2.63127	1	1 AP000807.2	--
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ENSG00000222346	5.13E-15	-2.63127	1	1 RNA5SP237	--
ENSG00000222348	5.13E-15	-2.63127	1	1 RNU6-814P	--
ENSG00000222351	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222352	5.13E-15	-2.63127	1	1 RN7SKP221	--
ENSG00000222355	5.13E-15	-2.63127	1	1 RNU2-29P	--
ENSG00000222356	5.13E-15	-2.63127	1	1 RNU6-710P	--
ENSG00000222357	5.13E-15	-2.63127	1	1 RNU2-20P	--
ENSG00000222359	5.13E-15	-2.63127	1	1 RNU6-355P	--
ENSG00000222361	5.13E-15	-2.63127	1	1 RNU6-1186P	--
ENSG00000222363	5.13E-15	-2.63127	1	1 RNU4-34P	--
ENSG00000222364	5.13E-15	-2.63127	1	1 RNU6-96P	--
ENSG00000222373	5.13E-15	-2.63127	1	1 RNY5P5	--
ENSG00000222374	5.13E-15	-2.63127	1	1 AC022021.1	--
ENSG00000222375	5.13E-15	-2.63127	1	1 RN7SKP127	--
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ENSG00000222385	5.13E-15	-2.63127	1	1 RN7SKP158	--
ENSG00000222386	5.13E-15	-2.63127	1	1 RN7SKP86	--
ENSG00000222391	5.13E-15	-2.63127	1	1 AL137118.1	--
ENSG00000222394	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222395	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222397	5.13E-15	-2.63127	1	1 RN7SKP229	--
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ENSG00000222399	5.13E-15	-2.63127	1	1 RNU6-791P	--

ENSG00000222404	5.13E-15	-2.63127	1	1 RN7SKP281	--
ENSG00000222405	5.13E-15	-2.63127	1	1 RNU4-65P	--
ENSG00000222406	5.13E-15	-2.63127	1	1 RNA5SP314	--
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ENSG00000222408	5.13E-15	-2.63127	1	1 AL160279.1	--
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ENSG00000222411	5.13E-15	-2.63127	1	1 RNY5P3	--
ENSG00000222412	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222413	5.13E-15	-2.63127	1	1 RN7SKP125	--
ENSG00000222414	5.13E-15	-2.63127	1	1 RNU2-59P	--
ENSG00000222416	5.13E-15	-2.63127	1	1 RNA5SP274	--
ENSG00000222418	5.13E-15	-2.63127	1	1 RNA5SP113	--
ENSG00000222419	5.13E-15	-2.63127	1	1 RNA5SP511	--
ENSG00000222421	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222426	5.13E-15	-2.63127	1	1 RNU2-50P	--
ENSG00000222427	5.13E-15	-2.63127	1	1 RNA5SP338	--
ENSG00000222428	5.13E-15	-2.63127	1	1 RNA5SP231	--
ENSG00000222429	5.13E-15	-2.63127	1	1 RNU6-955P	--
ENSG00000222430	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222431	5.13E-15	-2.63127	1	1 RNU6-141P	--
ENSG00000222432	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222436	5.13E-15	-2.63127	1	1 RN7SKP278	--
ENSG00000222437	5.13E-15	-2.63127	1	1 AC118282.3	--
ENSG00000222438	5.13E-15	-2.63127	1	1 RNU6-1077P	--
ENSG00000222439	5.13E-15	-2.63127	1	1 RNU6-994P	--
ENSG00000222440	5.13E-15	-2.63127	1	1 RNU2-26P	--
ENSG00000222445	5.13E-15	-2.63127	1	1 RN7SKP56	--
ENSG00000222449	5.13E-15	-2.63127	1	1 RNU6-1140P	--
ENSG00000222451	5.13E-15	-2.63127	1	1 RN7SKP143	--
ENSG00000222452	5.13E-15	-2.63127	1	1 RN7SKP59	--
ENSG00000222455	5.13E-15	-2.63127	1	1 RNA5SP296	--
ENSG00000222457	5.13E-15	-2.63127	1	1 RNU6-121P	--
ENSG00000222459	5.13E-15	-2.63127	1	1 RNA5SP293	--
ENSG00000222463	5.13E-15	-2.63127	1	1 AP005138.1	--
ENSG00000222465	5.13E-15	-2.63127	1	1 RNU2-5P	--
ENSG00000222467	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222468	5.13E-15	-2.63127	1	1 RNA5SP261	--
ENSG00000222472	5.13E-15	-2.63127	1	1 RN7SKP7	--
ENSG00000222477	5.13E-15	-2.63127	1	1 RNU2-23P	--
ENSG00000222481	5.13E-15	-2.63127	1	1 AC012150.1	--
ENSG00000222482	5.13E-15	-2.63127	1	1 AC005071.1	--
ENSG00000222486	5.13E-15	-2.63127	1	1 RNU6-77P	--
ENSG00000222488	5.13E-15	-2.63127	1	1 RNU6-285P	--
ENSG00000222490	5.13E-15	-2.63127	1	1 RNU6-712P	--
ENSG00000222492	5.13E-15	-2.63127	1	1 AC092069.1	--
ENSG00000222494	5.13E-15	-2.63127	1	1 AC091178.1	--
ENSG00000222496	5.13E-15	-2.63127	1	1 RN7SKP200	--
ENSG00000222499	5.13E-15	-2.63127	1	1 RN7SKP177	--
ENSG00000222500	5.13E-15	-2.63127	1	1 RNA5SP475	--
ENSG00000222501	5.13E-15	-2.63127	1	1 RNU4-25P	--
ENSG00000222506	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222509	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222511	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222512	5.13E-15	-2.63127	1	1 AL137019.1	--
ENSG00000222514	5.13E-15	-2.63127	1	1 RN7SKP223	--
ENSG00000222515	5.13E-15	-2.63127	1	1 RN7SKP240	--
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ENSG00000222520	5.13E-15	-2.63127	1	1 RNA5SP451	--

ENSG00000222521	5.13E-15	-2.63127	1	1 AC026956.1	--
ENSG00000222522	5.13E-15	-2.63127	1	1 RNU6-519P	--
ENSG00000222524	5.13E-15	-2.63127	1	1 RN7SKP109	--
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ENSG00000222529	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222532	5.13E-15	-2.63127	1	1 MIR1468	--
ENSG00000222536	5.13E-15	-2.63127	1	1 RNU2-39P	--
ENSG00000222543	5.13E-15	-2.63127	1	1 RN7SKP220	--
ENSG00000222544	5.13E-15	-2.63127	1	1 RNU6-735P	--
ENSG00000222545	5.13E-15	-2.63127	1	1 AC080037.1	--
ENSG00000222546	5.13E-15	-2.63127	1	1 RNA5SP251	--
ENSG00000222548	5.13E-15	-2.63127	1	1 AC006534.1	--
ENSG00000222551	5.13E-15	-2.63127	1	1 AC106732.1	--
ENSG00000222552	5.13E-15	-2.63127	1	1 RNA5SP60	--
ENSG00000222558	5.13E-15	-2.63127	1	1 RNU6-1064P	--
ENSG00000222560	5.13E-15	-2.63127	1	1 RNU4-43P	--
ENSG00000222561	5.13E-15	-2.63127	1	1 RNU6-1025P	--
ENSG00000222563	5.13E-15	-2.63127	1	1 RNU6-305P	--
ENSG00000222570	5.13E-15	-2.63127	1	1 AF216667.1	--
ENSG00000222574	5.13E-15	-2.63127	1	1 RN7SKP61	--
ENSG00000222578	5.13E-15	-2.63127	1	1 RNA5SP345	--
ENSG00000222579	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222581	5.13E-15	-2.63127	1	1 RNU2-47P	--
ENSG00000222582	5.13E-15	-2.63127	1	1 RNU2-66P	--
ENSG00000222583	5.13E-15	-2.63127	1	1 RN7SKP222	--
ENSG00000222585	5.13E-15	-2.63127	1	1 RNA5SP494	--
ENSG00000222586	5.13E-15	-2.63127	1	1 AC010999.1	--
ENSG00000222588	5.13E-15	-2.63127	1	1 SNORA19	--
ENSG00000222589	5.13E-15	-2.63127	1	1 RN7SKP159	--
ENSG00000222591	5.13E-15	-2.63127	1	1 AC118345.2	--
ENSG00000222592	5.13E-15	-2.63127	1	1 RNU6-887P	--
ENSG00000222594	5.13E-15	-2.63127	1	1 RN7SKP235	--
ENSG00000222596	5.13E-15	-2.63127	1	1 AL445523.1	--
ENSG00000222598	5.13E-15	-2.63127	1	1 RNU2-49P	--
ENSG00000222601	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222602	5.13E-15	-2.63127	1	1 AL136160.1	--
ENSG00000222604	5.13E-15	-2.63127	1	1 SNORA7	--
ENSG00000222607	5.13E-15	-2.63127	1	1 RNU6-628P	--
ENSG00000222608	5.13E-15	-2.63127	1	1 RNA5SP504	--
ENSG00000222609	5.13E-15	-2.63127	1	1 RNU4-69P	--
ENSG00000222611	5.13E-15	-2.63127	1	1 AL355388.1	--
ENSG00000222612	5.13E-15	-2.63127	1	1 RNU2-52P	--
ENSG00000222613	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222614	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222615	5.13E-15	-2.63127	1	1 AC134025.1	--
ENSG00000222616	5.13E-15	-2.63127	1	1 RN7SKP27	--
ENSG00000222617	5.13E-15	-2.63127	1	1 RN7SKP254	--
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ENSG00000222624	5.13E-15	-2.63127	1	1 RNU2-15P	--
ENSG00000222626	5.13E-15	-2.63127	1	1 RNU2-48P	--
ENSG00000222627	5.13E-15	-2.63127	1	1 RNU2-37P	--
ENSG00000222629	5.13E-15	-2.63127	1	1 RNU2-42P	--
ENSG00000222630	5.13E-15	-2.63127	1	1 RN7SKP41	--
ENSG00000222631	5.13E-15	-2.63127	1	1 AC025426.1	--
ENSG00000222635	5.13E-15	-2.63127	1	1 RNU6-1203P	--
ENSG00000222636	5.13E-15	-2.63127	1	1 RN7SKP54	--
ENSG00000222640	5.13E-15	-2.63127	1	1 RNU2-51P	--
ENSG00000222643	5.13E-15	-2.63127	1	1 AL603632.1	--

ENSG00000222644	5.13E-15	-2.63127	1	1 RNU2-16P	--
ENSG00000222647	5.13E-15	-2.63127	1	1 AC002070.1	--
ENSG00000222649	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222650	5.13E-15	-2.63127	1	1 RNU2-70P	--
ENSG00000222651	5.13E-15	-2.63127	1	1 MIR1469	--
ENSG00000222652	5.13E-15	-2.63127	1	1 RNU6-248P	--
ENSG00000222658	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222659	5.13E-15	-2.63127	1	1 RNU2-8P	--
ENSG00000222663	5.13E-15	-2.63127	1	1 RNU4-55P	--
ENSG00000222664	5.13E-15	-2.63127	1	1 RN7SKP123	--
ENSG00000222666	5.13E-15	-2.63127	1	1 U3	--
ENSG00000222667	5.13E-15	-2.63127	1	1 RNU6-394P	--
ENSG00000222675	5.13E-15	-2.63127	1	1 RNA5SP146	--
ENSG00000222677	5.13E-15	-2.63127	1	1 AL513123.1	--
ENSG00000222678	5.13E-15	-2.63127	1	1 RN7SKP213	--
ENSG00000222679	5.13E-15	-2.63127	1	1 RNU6-1267P	--
ENSG00000222682	5.13E-15	-2.63127	1	1 RNA5SP38	--
ENSG00000222683	5.13E-15	-2.63127	1	1 AC093004.1	--
ENSG00000222685	5.13E-15	-2.63127	1	1 RN7SKP119	--
ENSG00000222686	5.13E-15	-2.63127	1	1 RNU4-72P	--
ENSG00000222691	5.13E-15	-2.63127	1	1 RNU6-733P	--
ENSG00000222692	5.13E-15	-2.63127	1	1 AC007402.1	--
ENSG00000222693	5.13E-15	-2.63127	1	1 RN7SKP120	--
ENSG00000222698	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222701	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222704	5.13E-15	-2.63127	1	1 RN7SKP182	--
ENSG00000222706	5.13E-15	-2.63127	1	1 RN7SKP89	--
ENSG00000222713	5.13E-15	-2.63127	1	1 RN7SKP51	--
ENSG00000222714	5.13E-15	-2.63127	1	1 RN7SKP38	--
ENSG00000222715	5.13E-15	-2.63127	1	1 MIR1911	--
ENSG00000222717	5.13E-15	-2.63127	1	1 AC016553.1	--
ENSG00000222719	5.13E-15	-2.63127	1	1 AC116038.2	--
ENSG00000222720	5.13E-15	-2.63127	1	1 AC027307.1	--
ENSG00000222721	5.13E-15	-2.63127	1	1 RN7SKP188	--
ENSG00000222722	5.13E-15	-2.63127	1	1 AL161790.1	--
ENSG00000222726	5.13E-15	-2.63127	1	1 RNU2-7P	--
ENSG00000222727	5.13E-15	-2.63127	1	1 RNU4-64P	--
ENSG00000222729	5.13E-15	-2.63127	1	1 RNU2-67P	--
ENSG00000222730	5.13E-15	-2.63127	1	1 AC092296.1	--
ENSG00000222732	5.13E-15	-2.63127	1	1 AC008671.1	--
ENSG00000222733	5.13E-15	-2.63127	1	1 RNY4P29	--
ENSG00000222736	5.13E-15	-2.63127	1	1 RNU4-6P	--
ENSG00000222740	5.13E-15	-2.63127	1	1 RNA5SP328	--
ENSG00000222741	5.13E-15	-2.63127	1	1 RNA5SP229	--
ENSG00000222743	5.13E-15	-2.63127	1	1 RNU6-1190P	--
ENSG00000222744	5.13E-15	-2.63127	1	1 RN7SKP166	--
ENSG00000222747	5.13E-15	-2.63127	1	1 RNA5SP25	--
ENSG00000222749	5.13E-15	-2.63127	1	1 AL021398.1	--
ENSG00000222750	5.13E-15	-2.63127	1	1 RNU4-46P	--
ENSG00000222755	5.13E-15	-2.63127	1	1 RN7SKP206	--
ENSG00000222760	5.13E-15	-2.63127	1	1 RNU4-53P	--
ENSG00000222761	5.13E-15	-2.63127	1	1 RNU6-684P	--
ENSG00000222764	5.13E-15	-2.63127	1	1 RN7SKP106	--
ENSG00000222765	5.13E-15	-2.63127	1	1 RNU2-40P	--
ENSG00000222767	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222770	5.13E-15	-2.63127	1	1 AC138761.1	--
ENSG00000222774	5.13E-15	-2.63127	1	1 RN7SKP121	--
ENSG00000222776	5.13E-15	-2.63127	1	1 AE000659.1	--

ENSG00000222777	5.13E-15	-2.63127	1	1 RNU6-233P	--
ENSG00000222778	5.13E-15	-2.63127	1	1 RNA5SP144	--
ENSG00000222783	5.13E-15	-2.63127	1	1 RN7SKP212	--
ENSG00000222784	5.13E-15	-2.63127	1	1 RN7SKP91	--
ENSG00000222787	5.13E-15	-2.63127	1	1 AL645944.1	--
ENSG00000222788	5.13E-15	-2.63127	1	1 RNU2-38P	--
ENSG00000222790	5.13E-15	-2.63127	1	1 RNU4-14P	--
ENSG00000222791	5.13E-15	-2.63127	1	1 RNU6-67P	--
ENSG00000222792	5.13E-15	-2.63127	1	1 RNU6-860P	--
ENSG00000222795	5.13E-15	-2.63127	1	1 RNU4-83P	--
ENSG00000222796	5.13E-15	-2.63127	1	1 RNU6-383P	--
ENSG00000222805	5.13E-15	-2.63127	1	1 AC010319.1	--
ENSG00000222806	5.13E-15	-2.63127	1	1 RNA5SP225	--
ENSG00000222810	5.13E-15	-2.63127	1	1 RNU2-68P	--
ENSG00000222821	5.13E-15	-2.63127	1	1 RNU4-27P	--
ENSG00000222826	5.13E-15	-2.63127	1	1 RN7SKP286	--
ENSG00000222831	5.13E-15	-2.63127	1	1 MIR1537	--
ENSG00000222832	5.13E-15	-2.63127	1	1 RNA5SP120	--
ENSG00000222833	5.13E-15	-2.63127	1	1 AC069067.1	--
ENSG00000222834	5.13E-15	-2.63127	1	1 AC074035.1	--
ENSG00000222835	5.13E-15	-2.63127	1	1 RNA5SP100	--
ENSG00000222838	5.13E-15	-2.63127	1	1 RNA5SP136	--
ENSG00000222842	5.13E-15	-2.63127	1	1 RN7SKP168	--
ENSG00000222844	5.13E-15	-2.63127	1	1 RNU6-321P	--
ENSG00000222845	5.13E-15	-2.63127	1	1 RN7SKP42	--
ENSG00000222849	5.13E-15	-2.63127	1	1 RNA5SP21	--
ENSG00000222852	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222854	5.13E-15	-2.63127	1	1 RNA5SP59	--
ENSG00000222858	5.13E-15	-2.63127	1	1 RNU6-920P	--
ENSG00000222859	5.13E-15	-2.63127	1	1 RN7SKP136	--
ENSG00000222861	5.13E-15	-2.63127	1	1 RNY5P4	--
ENSG00000222862	5.13E-15	-2.63127	1	1 RNU6-1086P	--
ENSG00000222864	5.13E-15	-2.63127	1	1 AL596268.1	--
ENSG00000222869	5.13E-15	-2.63127	1	1 RNU6-565P	--
ENSG00000222870	5.13E-15	-2.63127	1	1 RNU6-1328P	--
ENSG00000222872	5.13E-15	-2.63127	1	1 RNU4-78P	--
ENSG00000222874	5.13E-15	-2.63127	1	1 RN7SKP33	--
ENSG00000222880	5.13E-15	-2.63127	1	1 RN7SKP261	--
ENSG00000222883	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222884	5.13E-15	-2.63127	1	1 AC023513.1	--
ENSG00000222888	5.13E-15	-2.63127	1	1 AC012467.1	--
ENSG00000222889	5.13E-15	-2.63127	1	1 RN7SKP29	--
ENSG00000222890	5.13E-15	-2.63127	1	1 RNU6-1068P	--
ENSG00000222894	5.13E-15	-2.63127	1	1 AL662800.1	--
ENSG00000222895	5.13E-15	-2.63127	1	1 RNU6-1133P	--
ENSG00000222899	5.13E-15	-2.63127	1	1 AL110292.1	--
ENSG00000222909	5.13E-15	-2.63127	1	1 RNU6-193P	--
ENSG00000222915	5.13E-15	-2.63127	1	1 RNU6-564P	--
ENSG00000222920	5.13E-15	-2.63127	1	1 RNA5SP29	--
ENSG00000222921	5.13E-15	-2.63127	1	1 RNA5SP104	--
ENSG00000222922	5.13E-15	-2.63127	1	1 RNA5SP501	--
ENSG00000222923	5.13E-15	-2.63127	1	1 RNU2-41P	--
ENSG00000222924	5.13E-15	-2.63127	1	1 RNU6-1148P	--
ENSG00000222931	5.13E-15	-2.63127	1	1 RN7SKP205	--
ENSG00000222932	5.13E-15	-2.63127	1	1 RNU6-172P	--
ENSG00000222934	5.13E-15	-2.63127	1	1 RN7SKP284	--
ENSG00000222939	5.13E-15	-2.63127	1	1 AC079467.1	--
ENSG00000222940	5.13E-15	-2.63127	1	1 RNU6-370P	--

ENSG00000222941	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222942	5.13E-15	-2.63127	1	1 RN7SKP58	--
ENSG00000222945	5.13E-15	-2.63127	1	1 AC091866.1	--
ENSG00000222950	5.13E-15	-2.63127	1	1 RN7SKP262	--
ENSG00000222952	5.13E-15	-2.63127	1	1 RNA5SP41	--
ENSG00000222954	5.13E-15	-2.63127	1	1 AC110611.1	--
ENSG00000222955	5.13E-15	-2.63127	1	1 RNA5SP265	--
ENSG00000222958	5.13E-15	-2.63127	1	1 MIR1913	--
ENSG00000222960	5.13E-15	-2.63127	1	1 RNU6-272P	--
ENSG00000222961	5.13E-15	-2.63127	1	1 AC008949.1	--
ENSG00000222966	5.13E-15	-2.63127	1	1 SNORA40	--
ENSG00000222969	5.13E-15	-2.63127	1	1 RN7SKP8	--
ENSG00000222971	5.13E-15	-2.63127	1	1 RNA5SP222	--
ENSG00000222972	5.13E-15	-2.63127	1	1 RNU6-651P	--
ENSG00000222973	5.13E-15	-2.63127	1	1 RNU2-25P	--
ENSG00000222974	5.13E-15	-2.63127	1	1 RN7SKP228	--
ENSG00000222976	5.13E-15	-2.63127	1	1 RN7SKP94	--
ENSG00000222978	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222979	5.13E-15	-2.63127	1	1 RN7SKP167	--
ENSG00000222982	5.13E-15	-2.63127	1	1 RN7SKP216	--
ENSG00000222983	5.13E-15	-2.63127	1	1 RNA5SP127	--
ENSG00000222985	5.13E-15	-2.63127	1	1 RNU2-14P	--
ENSG00000222986	5.13E-15	-2.63127	1	1 RNU5A-5P	--
ENSG00000222987	5.13E-15	-2.63127	1	1 RN7SKP68	--
ENSG00000222990	5.13E-15	-2.63127	1	1 RNU4-22P	--
ENSG00000222994	5.13E-15	-2.63127	1	1 AC006322.1	--
ENSG00000222997	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000222998	5.13E-15	-2.63127	1	1 RN7SKP259	--
ENSG00000222999	5.13E-15	-2.63127	1	1 AC105247.1	--
ENSG00000223001	5.13E-15	-2.63127	1	1 RNU2-61P	--
ENSG00000223004	5.13E-15	-2.63127	1	1 SNORD29	--
ENSG00000223006	5.13E-15	-2.63127	1	1 RN7SKP137	--
ENSG00000223007	5.13E-15	-2.63127	1	1 RN7SKP73	--
ENSG00000223009	5.13E-15	-2.63127	1	1 AL138930.1	--
ENSG00000223012	5.13E-15	-2.63127	1	1 RN7SKP264	--
ENSG00000223013	5.13E-15	-2.63127	1	1 RNA5SP344	--
ENSG00000223015	5.13E-15	-2.63127	1	1 RNU6-1135P	--
ENSG00000223018	5.13E-15	-2.63127	1	1 AL096700.1	--
ENSG00000223019	5.13E-15	-2.63127	1	1 RNA5SP306	--
ENSG00000223023	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000223024	5.13E-15	-2.63127	1	1 RNU6-55P	--
ENSG00000223026	5.13E-15	-2.63127	1	1 RN7SKP247	--
ENSG00000223027	5.13E-15	-2.63127	1	1 SNORA57	--
ENSG00000223029	5.13E-15	-2.63127	1	1 AC004969.1	--
ENSG00000223030	5.13E-15	-2.63127	1	1 AC091697.1	--
ENSG00000223036	5.13E-15	-2.63127	1	1 AC024158.1	--
ENSG00000223037	5.13E-15	-2.63127	1	1 RNU6-284P	--
ENSG00000223039	5.13E-15	-2.63127	1	1 RN7SKP268	--
ENSG00000223040	5.13E-15	-2.63127	1	1 RN7SKP144	--
ENSG00000223042	5.13E-15	-2.63127	1	1 RN7SKP161	--
ENSG00000223044	5.13E-15	-2.63127	1	1 RNU6-130P	--
ENSG00000223046	5.13E-15	-2.63127	1	1 RNA5SP369	--
ENSG00000223047	5.13E-15	-2.63127	1	1 RNU6-847P	--
ENSG00000223052	5.13E-15	-2.63127	1	1 AC007096.1	--
ENSG00000223053	5.13E-15	-2.63127	1	1 AC022142.1	--
ENSG00000223056	5.13E-15	-2.63127	1	1 RN7SKP169	--
ENSG00000223059	5.13E-15	-2.63127	1	1 AL354896.1	--
ENSG00000223062	5.13E-15	-2.63127	1	1 RNU6-1245P	--

ENSG00000223063	5.13E-15	-2.63127	1	1 AL157823.1	--
ENSG00000223064	5.13E-15	-2.63127	1	1 RNU6-325P	--
ENSG00000223070	5.13E-15	-2.63127	1	1 AC006377.1	--
ENSG00000223075	5.13E-15	-2.63127	1	1 RN7SKP126	--
ENSG00000223076	5.13E-15	-2.63127	1	1 RNA5SP31	--
ENSG00000223078	5.13E-15	-2.63127	1	1 RNU2-55P	--
ENSG00000223080	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000223082	5.13E-15	-2.63127	1	1 AC121336.1	--
ENSG00000223086	5.13E-15	-2.63127	1	1 RNA5SP155	--
ENSG00000223087	5.13E-15	-2.63127	1	1 RNU6-602P	--
ENSG00000223088	5.13E-15	-2.63127	1	1 RMRPP5	--
ENSG00000223091	5.13E-15	-2.63127	1	1 RNU6-981P	--
ENSG00000223092	5.13E-15	-2.63127	1	1 RNA5SP115	--
ENSG00000223096	5.13E-15	-2.63127	1	1 RNU5E-9P	--
ENSG00000223099	5.13E-15	-2.63127	1	1 AC119751.4	--
ENSG00000223101	5.13E-15	-2.63127	1	1 AP002364.1	--
ENSG00000223107	5.13E-15	-2.63127	1	1 RNU2-72P	--
ENSG00000223109	5.13E-15	-2.63127	1	1 MIR1538	--
ENSG00000223111	5.13E-15	-2.63127	1	1 SNORA74	--
ENSG00000223116	5.13E-15	-2.63127	1	1 AL157931.1	--
ENSG00000223118	5.13E-15	-2.63127	1	1 RN7SKP102	--
ENSG00000223119	5.13E-15	-2.63127	1	1 RNU6-1139P	--
ENSG00000223120	5.13E-15	-2.63127	1	1 RN7SKP181	--
ENSG00000223123	5.13E-15	-2.63127	1	1 AC010546.1	--
ENSG00000223125	5.13E-15	-2.63127	1	1 RNU2-32P	--
ENSG00000223126	5.13E-15	-2.63127	1	1 RN7SKP263	--
ENSG00000223128	5.13E-15	-2.63127	1	1 RN7SKP140	--
ENSG00000223131	5.13E-15	-2.63127	1	1 RNA5SP304	--
ENSG00000223134	5.13E-15	-2.63127	1	1 AL122015.1	--
ENSG00000223136	5.13E-15	-2.63127	1	1 RN7SKP207	--
ENSG00000223142	5.13E-15	-2.63127	1	1 RN7SKP252	--
ENSG00000223145	5.13E-15	-2.63127	1	1 RN7SKP112	--
ENSG00000223148	5.13E-15	-2.63127	1	1 AC011478.1	--
ENSG00000223149	5.13E-15	-2.63127	1	1 AC010376.1	--
ENSG00000223152	5.13E-15	-2.63127	1	1 RNU4-88P	--
ENSG00000223156	5.13E-15	-2.63127	1	1 RNU2-18P	--
ENSG00000223158	5.13E-15	-2.63127	1	1 RNY1P3	--
ENSG00000223162	5.13E-15	-2.63127	1	1 RNA5SP280	--
ENSG00000223164	5.13E-15	-2.63127	1	1 AL445384.1	--
ENSG00000223168	5.13E-15	-2.63127	1	1 RN7SKP142	--
ENSG00000223169	5.13E-15	-2.63127	1	1 RNA5SP209	--
ENSG00000223174	5.13E-15	-2.63127	1	1 RN7SKP17	--
ENSG00000223175	5.13E-15	-2.63127	1	1 RNU4-61P	--
ENSG00000223177	5.13E-15	-2.63127	1	1 RNA5SP39	--
ENSG00000223179	5.13E-15	-2.63127	1	1 RNU6-373P	--
ENSG00000223180	5.13E-15	-2.63127	1	1 AC087738.1	--
ENSG00000223181	5.13E-15	-2.63127	1	1 RNU6-1199P	--
ENSG00000223182	5.13E-15	-2.63127	1	1 SNORA74	--
ENSG00000223189	5.13E-15	-2.63127	1	1 RNU6-177P	--
ENSG00000223190	5.13E-15	-2.63127	1	1 RN7SKP100	--
ENSG00000223191	5.13E-15	-2.63127	1	1 RNU6-293P	--
ENSG00000223192	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000223197	5.13E-15	-2.63127	1	1 RNU6-1001P	--
ENSG00000223200	5.13E-15	-2.63127	1	1 AC008836.1	--
ENSG00000223201	5.13E-15	-2.63127	1	1 AC004699.1	--
ENSG00000223202	5.13E-15	-2.63127	1	1 RN7SKP297	--
ENSG00000223203	5.13E-15	-2.63127	1	1 RNA5SP221	--
ENSG00000223208	5.13E-15	-2.63127	1	1 RNU6-1217P	--

ENSG00000223211	5.13E-15	-2.63127	1	1 AL158150.1	--
ENSG00000223212	5.13E-15	-2.63127	1	1 RNU4-74P	--
ENSG00000223213	5.13E-15	-2.63127	1	1 SNORD81	--
ENSG00000223214	5.13E-15	-2.63127	1	1 AC091559.1	--
ENSG00000223215	5.13E-15	-2.63127	1	1 RNU6-607P	--
ENSG00000223217	5.13E-15	-2.63127	1	1 RNU6-938P	--
ENSG00000223220	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000223223	5.13E-15	-2.63127	1	1 RN7SKP192	--
ENSG00000223224	5.13E-15	-2.63127	1	1 SNORD71	--
ENSG00000223225	5.13E-15	-2.63127	1	1 RNU6-1054P	--
ENSG00000223229	5.13E-15	-2.63127	1	1 RN7SKP270	--
ENSG00000223231	5.13E-15	-2.63127	1	1 AL035706.1	--
ENSG00000223235	5.13E-15	-2.63127	1	1 AP003498.2	--
ENSG00000223238	5.13E-15	-2.63127	1	1 RNA5SP294	--
ENSG00000223243	5.13E-15	-2.63127	1	1 AC074323.1	--
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ENSG00000223281	5.13E-15	-2.63127	1	1 RN7SKP85	--
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ENSG00000223403	5.13E-15	-2.63127	1	1 MEG9	-
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ENSG00000223631	5.13E-15	-2.63127	1	1 LINC01120	-
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ENSG00000223636	5.13E-15	-2.63127	1	1 UBE2Q2P5Y	K10582
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ENSG00000223649	5.13E-15	-2.63127	1	1 RP11-359E8.3	-
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ENSG00000223651	5.13E-15	-2.63127	1	1 RP5-1121H13.1	K04574
ENSG00000223655	5.13E-15	-2.63127	1	1 RAB9AP3	K07899
ENSG00000223657	5.13E-15	-2.63127	1	1 KRT8P51	K07605
ENSG00000223658	5.13E-15	-2.63127	1	1 AC011242.6	K09653
ENSG00000223659	5.13E-15	-2.63127	1	1 RP5-857K21.5	-
ENSG00000223660	5.13E-15	-2.63127	1	1 AC012314.20	-
ENSG00000223662	5.13E-15	-2.63127	1	1 SAMSN1-AS1	-
ENSG00000223663	5.13E-15	-2.63127	1	1 RP5-890O3.3	K03960
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ENSG00000223665	5.13E-15	-2.63127	1	1 CTB-111F10.1	-
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ENSG00000223671	5.13E-15	-2.63127	1	1 RPL34P3	K02915
ENSG00000223672	5.13E-15	-2.63127	1	1 RP11-272P10.3	-
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ENSG00000223679	5.13E-15	-2.63127	1	1 AP000362.1	-
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ENSG00000223694	5.13E-15	-2.63127	1	1 ADH5P3	K00121
ENSG00000223698	5.13E-15	-2.63127	1	1 GOLGA6L11P	K10595
ENSG00000223700	5.13E-15	-2.63127	1	1 AC104395.1	-
ENSG00000223702	5.13E-15	-2.63127	1	1 ZDHHC20P2	-
ENSG00000223707	5.13E-15	-2.63127	1	1 RP1-93L7.3	-
ENSG00000223709	5.13E-15	-2.63127	1	1 TRIM64EP	K12019
ENSG00000223710	5.13E-15	-2.63127	1	1 CRYGGP	-
ENSG00000223715	5.13E-15	-2.63127	1	1 RP11-71G7.1	-
ENSG00000223716	5.13E-15	-2.63127	1	1 RP11-113O24.3	-
ENSG00000223717	5.13E-15	-2.63127	1	1 DNAJA1P1	K09502
ENSG00000223719	5.13E-15	-2.63127	1	1 AC024162.2	-
ENSG00000223720	5.13E-15	-2.63127	1	1 RP5-1024N4.2	-
ENSG00000223721	5.13E-15	-2.63127	1	1 UQCRFS1P2	K00411
ENSG00000223723	5.13E-15	-2.63127	1	1 BX842568.2	K04683
ENSG00000223725	5.13E-15	-2.63127	1	1 AC007879.5	-
ENSG00000223726	5.13E-15	-2.63127	1	1 CTA-929C8.7	-
ENSG00000223727	5.13E-15	-2.63127	1	1 AC026188.1	-
ENSG00000223728	5.13E-15	-2.63127	1	1 RP11-314N2.2	-
ENSG00000223729	5.13E-15	-2.63127	1	1 RP11-145E17.2	-
ENSG00000223730	5.13E-15	-2.63127	1	1 RP1-127B20.4	K02934
ENSG00000223731	5.13E-15	-2.63127	1	1 SUPT20HL1	-
ENSG00000223732	5.13E-15	-2.63127	1	1 RP11-321C24.1	-
ENSG00000223733	5.13E-15	-2.63127	1	1 RPL18AP14	K02882
ENSG00000223735	5.13E-15	-2.63127	1	1 OR51B3P	K04257
ENSG00000223738	5.13E-15	-2.63127	1	1 RP11-781E19.1	K04079
ENSG00000223739	5.13E-15	-2.63127	1	1 AC007389.2	K02957
ENSG00000223740	5.13E-15	-2.63127	1	1 RP11-760D2.4	-
ENSG00000223741	5.13E-15	-2.63127	1	1 PSMD4P1	K03029
ENSG00000223742	5.13E-15	-2.63127	1	1 RP11-149B9.2	-
ENSG00000223744	5.13E-15	-2.63127	1	1 RBMY2GP	K12885
ENSG00000223746	5.13E-15	-2.63127	1	1 TCEB1P30	K03872
ENSG00000223750	5.13E-15	-2.63127	1	1 SIRPB3P	K06551
ENSG00000223751	5.13E-15	-2.63127	1	1 AC116609.2	-
ENSG00000223753	5.13E-15	-2.63127	1	1 GHc-602D8.2	-
ENSG00000223754	5.13E-15	-2.63127	1	1 AC008073.9	-
ENSG00000223758	5.13E-15	-2.63127	1	1 RP11-347J14.4	-

ENSG00000223759	5.13E-15	-2.63127	1	1 RP11-353N4.4	—
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ENSG00000223761	5.13E-15	-2.63127	1	1 RP11-57C13.4	—
ENSG00000223765	5.13E-15	-2.63127	1	1 RP1-288M22.2	—
ENSG00000223770	5.13E-15	-2.63127	1	1 MIR1255B1	—
ENSG00000223772	5.13E-15	-2.63127	1	1 GEMIN8P3	K13136
ENSG00000223774	5.13E-15	-2.63127	1	1 RP11-307B6.3	—
ENSG00000223776	5.13E-15	-2.63127	1	1 LGALS8-AS1	—
ENSG00000223777	5.13E-15	-2.63127	1	1 AC092162.2	K02905
ENSG00000223780	5.13E-15	-2.63127	1	1 MEP1AP2	K01395
ENSG00000223781	5.13E-15	-2.63127	1	1 RP11-95K23.6	—
ENSG00000223782	5.13E-15	-2.63127	1	1 RPS21P8	—
ENSG00000223783	5.13E-15	-2.63127	1	1 AC124944.5	—
ENSG00000223786	5.13E-15	-2.63127	1	1 RP11-554D15.1	—
ENSG00000223788	5.13E-15	-2.63127	1	1 DIS3L2P1	K18758
ENSG00000223794	5.13E-15	-2.63127	1	1 COX5BP8	—
ENSG00000223795	5.13E-15	-2.63127	1	1 RP11-473E2.2	—
ENSG00000223800	5.13E-15	-2.63127	1	1 RP11-598C10.2	—
ENSG00000223807	5.13E-15	-2.63127	1	1 RP11-562M8.4	—
ENSG00000223808	5.13E-15	-2.63127	1	1 RP11-428L9.2	—
ENSG00000223809	5.13E-15	-2.63127	1	1 RP11-85L21.6	—
ENSG00000223810	5.13E-15	-2.63127	1	1 KRT8P28	K07605
ENSG00000223811	5.13E-15	-2.63127	1	1 RP11-437J19.1	—
ENSG00000223812	5.13E-15	-2.63127	1	1 RP11-197K6.1	—
ENSG00000223813	5.13E-15	-2.63127	1	1 AC007255.8	—
ENSG00000223814	5.13E-15	-2.63127	1	1 RP11-543D5.2	—
ENSG00000223815	5.13E-15	-2.63127	1	1 DIAPH3-AS2	—
ENSG00000223816	5.13E-15	-2.63127	1	1 IGKV1OR2-2	—
ENSG00000223817	5.13E-15	-2.63127	1	1 CDH23-AS1	—
ENSG00000223819	5.13E-15	-2.63127	1	1 RP3-347M6.1	K03767
ENSG00000223822	5.13E-15	-2.63127	1	1 EEF1A1P1	K03231
ENSG00000223823	5.13E-15	-2.63127	1	1 RP11-465B22.5	—
ENSG00000223824	5.13E-15	-2.63127	1	1 AC019178.3	K11110
ENSG00000223826	5.13E-15	-2.63127	1	1 AC092570.2	—
ENSG00000223828	5.13E-15	-2.63127	1	1 BANF1P4	—
ENSG00000223831	5.13E-15	-2.63127	1	1 RP1-56J10.8	—
ENSG00000223834	5.13E-15	-2.63127	1	1 RP11-472N13.2	—
ENSG00000223836	5.13E-15	-2.63127	1	1 RP11-548K12.2	—
ENSG00000223837	5.13E-15	-2.63127	1	1 BRD2-IT1	—
ENSG00000223838	5.13E-15	-2.63127	1	1 AC007091.1	—
ENSG00000223839	5.13E-15	-2.63127	1	1 FAM95B1	—
ENSG00000223841	5.13E-15	-2.63127	1	1 RP11-448K10.1	K04404
ENSG00000223842	5.13E-15	-2.63127	1	1 RP11-135J2.3	—
ENSG00000223843	5.13E-15	-2.63127	1	1 EFCAB6-AS1	—
ENSG00000223845	5.13E-15	-2.63127	1	1 VN1R40P	K04614
ENSG00000223847	5.13E-15	-2.63127	1	1 RP5-925F19.1	—
ENSG00000223850	5.13E-15	-2.63127	1	1 MYCNUN	—
ENSG00000223856	5.13E-15	-2.63127	1	1 RAB9AP2	—
ENSG00000223859	5.13E-15	-2.63127	1	1 AC007403.3	—
ENSG00000223861	5.13E-15	-2.63127	1	1 RP11-74C1.2	K02947
ENSG00000223863	5.13E-15	-2.63127	1	1 AC008074.4	—
ENSG00000223865	5.13E-15	-2.63127	1	1 HLA-DPB1	K06752
ENSG00000223866	5.13E-15	-2.63127	1	1 AC002486.3	—
ENSG00000223869	5.13E-15	-2.63127	1	1 RP11-323K10.1	—
ENSG00000223870	5.13E-15	-2.63127	1	1 AP000233.3	—
ENSG00000223872	5.13E-15	-2.63127	1	1 AC006372.5	—
ENSG00000223874	5.13E-15	-2.63127	1	1 AC007557.1	—
ENSG00000223875	5.13E-15	-2.63127	1	1 NBEAP3	—

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ENSG00000223877	5.13E-15	-2.63127	1	1 RP11-2F9.3	K02995
ENSG00000223880	5.13E-15	-2.63127	1	1 LINC01078	-
ENSG00000223881	5.13E-15	-2.63127	1	1 RP11-553K8.2	-
ENSG00000223882	5.13E-15	-2.63127	1	1 ABCC5-AS1	-
ENSG00000223883	5.13E-15	-2.63127	1	1 RP11-424D14.1	-
ENSG00000223884	5.13E-15	-2.63127	1	1 AC019048.1	-
ENSG00000223885	5.13E-15	-2.63127	1	1 FAM90A13P	-
ENSG00000223889	5.13E-15	-2.63127	1	1 RP11-73B2.3	-
ENSG00000223890	5.13E-15	-2.63127	1	1 AC008171.1	K10422
ENSG00000223893	5.13E-15	-2.63127	1	1 AC096568.3	K14537
ENSG00000223896	5.13E-15	-2.63127	1	1 CCNJP2	-
ENSG00000223897	5.13E-15	-2.63127	1	1 AC069157.1	-
ENSG00000223899	5.13E-15	-2.63127	1	1 SEC13P1	K14004
ENSG00000223903	5.13E-15	-2.63127	1	1 RPL23P4	-
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ENSG00000223905	5.13E-15	-2.63127	1	1 RP11-335E14.1	-
ENSG00000223906	5.13E-15	-2.63127	1	1 RP5-837M10.2	-
ENSG00000223907	5.13E-15	-2.63127	1	1 RP11-439L8.4	-
ENSG00000223908	5.13E-15	-2.63127	1	1 AC068657.2	-
ENSG00000223910	5.13E-15	-2.63127	1	1 ZNF32-AS3	-
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ENSG00000223912	5.13E-15	-2.63127	1	1 EEF1A1P36	K03231
ENSG00000223914	5.13E-15	-2.63127	1	1 AC079630.2	-
ENSG00000223915	5.13E-15	-2.63127	1	1 DPPA2P1	-
ENSG00000223916	5.13E-15	-2.63127	1	1 RP11-353H3.1	K02882
ENSG00000223917	5.13E-15	-2.63127	1	1 AC009237.2	K12019
ENSG00000223918	5.13E-15	-2.63127	1	1 RP13-461N9.2	-
ENSG00000223920	5.13E-15	-2.63127	1	1 RP11-430G17.1	K00072
ENSG00000223921	5.13E-15	-2.63127	1	1 MTND1P27	K03878
ENSG00000223925	5.13E-15	-2.63127	1	1 SLC25A15P4	K15101
ENSG00000223928	5.13E-15	-2.63127	1	1 RP11-183E9.2	K14313
ENSG00000223929	5.13E-15	-2.63127	1	1 AC007381.2	-
ENSG00000223930	5.13E-15	-2.63127	1	1 RP11-33A14.1	-
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ENSG00000223940	5.13E-15	-2.63127	1	1 KRT8P8	K07605
ENSG00000223941	5.13E-15	-2.63127	1	1 LINC01014	-
ENSG00000223942	5.13E-15	-2.63127	1	1 RP11-252P19.2	-
ENSG00000223944	5.13E-15	-2.63127	1	1 RP5-1180C18.1	-
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ENSG00000223946	5.13E-15	-2.63127	1	1 RP11-533O20.2	-
ENSG00000223948	5.13E-15	-2.63127	1	1 RP11-421N10.1	-
ENSG00000223949	5.13E-15	-2.63127	1	1 RP11-24J23.2	-
ENSG00000223951	5.13E-15	-2.63127	1	1 AL133244.1	K11251
ENSG00000223953	5.13E-15	-2.63127	1	1 C1QTNF5	-
ENSG00000223955	5.13E-15	-2.63127	1	1 MTND6P1	-
ENSG00000223958	5.13E-15	-2.63127	1	1 RP11-552J9.12	K00819
ENSG00000223962	5.13E-15	-2.63127	1	1 UBBP3	K04551
ENSG00000223963	5.13E-15	-2.63127	1	1 PRKRIRP8	-
ENSG00000223965	5.13E-15	-2.63127	1	1 ZNF587P1	K09228
ENSG00000223966	5.13E-15	-2.63127	1	1 RP11-141J10.2	-
ENSG00000223967	5.13E-15	-2.63127	1	1 RP11-505P4.5	-
ENSG00000223968	5.13E-15	-2.63127	1	1 AC098614.1	K02978
ENSG00000223969	5.13E-15	-2.63127	1	1 AC002456.2	-
ENSG00000223970	5.13E-15	-2.63127	1	1 RP11-598O8.1	K14000
ENSG00000223973	5.13E-15	-2.63127	1	1 AC068491.3	K16794
ENSG00000223974	5.13E-15	-2.63127	1	1 RP11-561N12.4	K15464
ENSG00000223976	5.13E-15	-2.63127	1	1 EXTL2P1	K02369

ENSG00000223977	5.13E-15	-2.63127	1	1 AC138623.1	K09228
ENSG00000223978	5.13E-15	-2.63127	1	1 ZNF736P1Y	K09228
ENSG00000223981	5.13E-15	-2.63127	1	1 PHBP6	-
ENSG00000223982	5.13E-15	-2.63127	1	1 SNRPD2P2	K11096
ENSG00000223983	5.13E-15	-2.63127	1	1 RP11-12A20.8	-
ENSG00000223985	5.13E-15	-2.63127	1	1 AC093326.1	-
ENSG00000223986	5.13E-15	-2.63127	1	1 RP11-528A4.3	K02266
ENSG00000223987	5.13E-15	-2.63127	1	1 RP11-445P17.5	K02898
ENSG00000223989	5.13E-15	-2.63127	1	1 RP11-84A14.5	-
ENSG00000223991	5.13E-15	-2.63127	1	1 AC104809.2	-
ENSG00000223993	5.13E-15	-2.63127	1	1 RP11-475D12.1	-
ENSG00000223995	5.13E-15	-2.63127	1	1 RPL32P35	-
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ENSG00000223999	5.13E-15	-2.63127	1	1 LL22NC03-102D1.1	-
ENSG00000224000	5.13E-15	-2.63127	1	1 RP3-471M13.2	-
ENSG00000224002	5.13E-15	-2.63127	1	1 AC090099.2	-
ENSG00000224003	5.13E-15	-2.63127	1	1 CTA-407F11.6	K05705
ENSG00000224004	5.13E-15	-2.63127	1	1 ATP5C1P1	K02136
ENSG00000224007	5.13E-15	-2.63127	1	1 AC019070.1	K11842
ENSG00000224008	5.13E-15	-2.63127	1	1 RP5-1010E17.2	-
ENSG00000224011	5.13E-15	-2.63127	1	1 AC111155.1	K02929
ENSG00000224012	5.13E-15	-2.63127	1	1 RP11-756G12.1	K10374
ENSG00000224015	5.13E-15	-2.63127	1	1 AC063976.3	-
ENSG00000224016	5.13E-15	-2.63127	1	1 RP11-728K20.1	K18584
ENSG00000224017	5.13E-15	-2.63127	1	1 AC005022.1	-
ENSG00000224018	5.13E-15	-2.63127	1	1 AP000470.2	-
ENSG00000224019	5.13E-15	-2.63127	1	1 RPL21P32	K02889
ENSG00000224025	5.13E-15	-2.63127	1	1 RP11-274B18.3	K01794
ENSG00000224027	5.13E-15	-2.63127	1	1 RP1-231P7P.1	-
ENSG00000224028	5.13E-15	-2.63127	1	1 AC073928.2	-
ENSG00000224029	5.13E-15	-2.63127	1	1 RP11-136K14.2	-
ENSG00000224031	5.13E-15	-2.63127	1	1 TCEAL3-AS1	-
ENSG00000224033	5.13E-15	-2.63127	1	1 CDY8P	K00653
ENSG00000224034	5.13E-15	-2.63127	1	1 RP11-445P17.8	-
ENSG00000224035	5.13E-15	-2.63127	1	1 SFPQP1	K13219
ENSG00000224036	5.13E-15	-2.63127	1	1 CTSLP2	K01365
ENSG00000224037	5.13E-15	-2.63127	1	1 RP4-781K5.7	-
ENSG00000224038	5.13E-15	-2.63127	1	1 RP11-347J14.8	-
ENSG00000224039	5.13E-15	-2.63127	1	1 AC091493.1	K00653
ENSG00000224040	5.13E-15	-2.63127	1	1 HMGN1P4	K11299
ENSG00000224041	5.13E-15	-2.63127	1	1 IGKV3D-15	-
ENSG00000224042	5.13E-15	-2.63127	1	1 MTND4P6	K03881
ENSG00000224045	5.13E-15	-2.63127	1	1 RP11-98L5.4	-
ENSG00000224048	5.13E-15	-2.63127	1	1 AC104777.4	-
ENSG00000224050	5.13E-15	-2.63127	1	1 RP1-90G24.6	-
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ENSG00000224055	5.13E-15	-2.63127	1	1 GAPDHP55	K00134
ENSG00000224058	5.13E-15	-2.63127	1	1 AC006509.7	K09228
ENSG00000224059	5.13E-15	-2.63127	1	1 HSPA8P16	K03283
ENSG00000224060	5.13E-15	-2.63127	1	1 ARSEP1	K18222
ENSG00000224061	5.13E-15	-2.63127	1	1 AC092106.1	K12892
ENSG00000224062	5.13E-15	-2.63127	1	1 TUBB4BP5	K07375
ENSG00000224064	5.13E-15	-2.63127	1	1 RP11-344H11.5	K02912
ENSG00000224065	5.13E-15	-2.63127	1	1 SRIP2	-
ENSG00000224069	5.13E-15	-2.63127	1	1 CTD-2183H9.7	-
ENSG00000224070	5.13E-15	-2.63127	1	1 HMGN1P6	-
ENSG00000224071	5.13E-15	-2.63127	1	1 AC009474.1	K17398
ENSG00000224074	5.13E-15	-2.63127	1	1 LINC00691	-

ENSG00000224075	5.13E-15	-2.63127	1	1 TTTY22	-
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ENSG00000224082	5.13E-15	-2.63127	1	1 UBTFL8	K09273
ENSG00000224087	5.13E-15	-2.63127	1	1 AC018804.3	-
ENSG00000224089	5.13E-15	-2.63127	1	1 CT47A10	-
ENSG00000224090	5.13E-15	-2.63127	1	1 AC097468.4	-
ENSG00000224091	5.13E-15	-2.63127	1	1 AC104389.16	-
ENSG00000224092	5.13E-15	-2.63127	1	1 RP11-443B9.1	-
ENSG00000224095	5.13E-15	-2.63127	1	1 AC108051.1	-
ENSG00000224099	5.13E-15	-2.63127	1	1 AC064834.1	-
ENSG00000224101	5.13E-15	-2.63127	1	1 ELMO1-AS1	-
ENSG00000224104	5.13E-15	-2.63127	1	1 AC079809.2	K12160
ENSG00000224106	5.13E-15	-2.63127	1	1 CYP4F25P	K17726
ENSG00000224107	5.13E-15	-2.63127	1	1 LINC00633	-
ENSG00000224109	5.13E-15	-2.63127	1	1 CENPVP3	-
ENSG00000224110	5.13E-15	-2.63127	1	1 RP11-274M4.1	K02835
ENSG00000224114	5.13E-15	-2.63127	1	1 RP11-343H5.4	K02955
ENSG00000224116	5.13E-15	-2.63127	1	1 INHBA-AS1	-
ENSG00000224117	5.13E-15	-2.63127	1	1 PTPN2P2	K18026
ENSG00000224121	5.13E-15	-2.63127	1	1 ATG12P2	K08336
ENSG00000224122	5.13E-15	-2.63127	1	1 POU6F2-AS1	-
ENSG00000224127	5.13E-15	-2.63127	1	1 RP11-510C10.2	-
ENSG00000224128	5.13E-15	-2.63127	1	1 AC107057.2	-
ENSG00000224129	5.13E-15	-2.63127	1	1 DPPA2P2	-
ENSG00000224130	5.13E-15	-2.63127	1	1 AP001652.1	-
ENSG00000224134	5.13E-15	-2.63127	1	1 AC004866.3	-
ENSG00000224136	5.13E-15	-2.63127	1	1 AC007568.1	K12892
ENSG00000224137	5.13E-15	-2.63127	1	1 AC079767.4	-
ENSG00000224141	5.13E-15	-2.63127	1	1 AL109763.2	-
ENSG00000224142	5.13E-15	-2.63127	1	1 AMMECR1-IT1	-
ENSG00000224144	5.13E-15	-2.63127	1	1 ASH2LP1	K14964
ENSG00000224149	5.13E-15	-2.63127	1	1 RP11-510C10.3	-
ENSG00000224151	5.13E-15	-2.63127	1	1 USP9YP28	K11840
ENSG00000224153	5.13E-15	-2.63127	1	1 RP11-433C9.2	-
ENSG00000224157	5.13E-15	-2.63127	1	1 HCG14	-
ENSG00000224159	5.13E-15	-2.63127	1	1 HMGB1P9	K10802
ENSG00000224160	5.13E-15	-2.63127	1	1 CICP10	-
ENSG00000224161	5.13E-15	-2.63127	1	1 RPS26P54	K02976
ENSG00000224162	5.13E-15	-2.63127	1	1 UQCRHP3	K00416
ENSG00000224163	5.13E-15	-2.63127	1	1 RP11-309L24.6	K04437
ENSG00000224164	5.13E-15	-2.63127	1	1 RP3-369A17.4	-
ENSG00000224166	5.13E-15	-2.63127	1	1 PRYP1	-
ENSG00000224167	5.13E-15	-2.63127	1	1 RP3-522D1.1	-
ENSG00000224169	5.13E-15	-2.63127	1	1 HSFY6P	-
ENSG00000224172	5.13E-15	-2.63127	1	1 RP11-416N13.1	K06770
ENSG00000224173	5.13E-15	-2.63127	1	1 AC007422.1	-
ENSG00000224174	5.13E-15	-2.63127	1	1 RP4-798A10.4	-
ENSG00000224184	5.13E-15	-2.63127	1	1 AC096559.1	-
ENSG00000224185	5.13E-15	-2.63127	1	1 SNX18P9	K17923
ENSG00000224187	5.13E-15	-2.63127	1	1 RP11-132N15.3	-
ENSG00000224188	5.13E-15	-2.63127	1	1 UBE2D3P4	K06689
ENSG00000224189	5.13E-15	-2.63127	1	1 HOXD-AS1	-
ENSG00000224190	5.13E-15	-2.63127	1	1 RP11-442O18.2	-
ENSG00000224192	5.13E-15	-2.63127	1	1 RP11-259P1.1	-
ENSG00000224194	5.13E-15	-2.63127	1	1 AC008278.3	-
ENSG00000224196	5.13E-15	-2.63127	1	1 OR5AK4P	-
ENSG00000224198	5.13E-15	-2.63127	1	1 RP4-604K5.2	-
ENSG00000224199	5.13E-15	-2.63127	1	1 WI2-2994D6.1	-

ENSG00000224201	5.13E-15	-2.63127	1	1 PNMA6A	-
ENSG00000224203	5.13E-15	-2.63127	1	1 RPS23P10	K02973
ENSG00000224204	5.13E-15	-2.63127	1	1 PHEX-AS1	-
ENSG00000224205	5.13E-15	-2.63127	1	1 AP000351.4	K00799
ENSG00000224207	5.13E-15	-2.63127	1	1 RP11-10L12.1	-
ENSG00000224208	5.13E-15	-2.63127	1	1 AL590762.6	K13154
ENSG00000224210	5.13E-15	-2.63127	1	1 TRIM60P5Y	-
ENSG00000224215	5.13E-15	-2.63127	1	1 RP11-371A19.2	-
ENSG00000224216	5.13E-15	-2.63127	1	1 RP13-228J13.1	-
ENSG00000224217	5.13E-15	-2.63127	1	1 RP11-232D9.1	K08827
ENSG00000224218	5.13E-15	-2.63127	1	1 RP11-359D14.3	-
ENSG00000224219	5.13E-15	-2.63127	1	1 AC074290.1	K07342
ENSG00000224220	5.13E-15	-2.63127	1	1 AC104699.1	-
ENSG00000224222	5.13E-15	-2.63127	1	1 RP11-262I2.2	-
ENSG00000224223	5.13E-15	-2.63127	1	1 GS1-18A18.1	-
ENSG00000224224	5.13E-15	-2.63127	1	1 HAUS1P2	K16584
ENSG00000224226	5.13E-15	-2.63127	1	1 TBC1D3B	K11837
ENSG00000224227	5.13E-15	-2.63127	1	1 OR2L1P	K04257
ENSG00000224228	5.13E-15	-2.63127	1	1 RP1-15D23.2	-
ENSG00000224231	5.13E-15	-2.63127	1	1 AC069394.1	-
ENSG00000224233	5.13E-15	-2.63127	1	1 OR2J4P	K04257
ENSG00000224235	5.13E-15	-2.63127	1	1 RP5-1027O11.1	-
ENSG00000224236	5.13E-15	-2.63127	1	1 MRRFP1	K02838
ENSG00000224237	5.13E-15	-2.63127	1	1 MINOS1P3	K17784
ENSG00000224239	5.13E-15	-2.63127	1	1 AC090044.2	-
ENSG00000224240	5.13E-15	-2.63127	1	1 CYCSP49	K08738
ENSG00000224243	5.13E-15	-2.63127	1	1 LINC00403	-
ENSG00000224244	5.13E-15	-2.63127	1	1 AC090283.3	-
ENSG00000224245	5.13E-15	-2.63127	1	1 RP11-533K9.3	K13539
ENSG00000224247	5.13E-15	-2.63127	1	1 AJ009632.3	-
ENSG00000224250	5.13E-15	-2.63127	1	1 RP11-78A18.2	-
ENSG00000224251	5.13E-15	-2.63127	1	1 RP11-499O7.7	-
ENSG00000224252	5.13E-15	-2.63127	1	1 AC113618.2	-
ENSG00000224254	5.13E-15	-2.63127	1	1 AC025627.4	K02256
ENSG00000224255	5.13E-15	-2.63127	1	1 PDCL3P6	-
ENSG00000224256	5.13E-15	-2.63127	1	1 CTA-292E10.7	-
ENSG00000224257	5.13E-15	-2.63127	1	1 VWC2L-IT1	-
ENSG00000224260	5.13E-15	-2.63127	1	1 RP1-272L16.1	-
ENSG00000224263	5.13E-15	-2.63127	1	1 CYCSP12	K08738
ENSG00000224265	5.13E-15	-2.63127	1	1 RP11-168L22.2	-
ENSG00000224267	5.13E-15	-2.63127	1	1 RP11-149F8.5	-
ENSG00000224273	5.13E-15	-2.63127	1	1 AC005077.7	-
ENSG00000224274	5.13E-15	-2.63127	1	1 ENSAP1	-
ENSG00000224277	5.13E-15	-2.63127	1	1 AP000345.2	-
ENSG00000224278	5.13E-15	-2.63127	1	1 RP11-405P11.1	K18655
ENSG00000224279	5.13E-15	-2.63127	1	1 RP1-199H16.6	K02980
ENSG00000224280	5.13E-15	-2.63127	1	1 AC005014.5	-
ENSG00000224282	5.13E-15	-2.63127	1	1 CTD-2290C23.1	K02940
ENSG00000224286	5.13E-15	-2.63127	1	1 LINC01142	-
ENSG00000224288	5.13E-15	-2.63127	1	1 AC013437.2	K00412
ENSG00000224289	5.13E-15	-2.63127	1	1 IFIT6P	K14217
ENSG00000224291	5.13E-15	-2.63127	1	1 AC012671.2	K02923
ENSG00000224292	5.13E-15	-2.63127	1	1 AF196972.9	-
ENSG00000224295	5.13E-15	-2.63127	1	1 AC087380.14	-
ENSG00000224296	5.13E-15	-2.63127	1	1 MRPL49P1	K17430
ENSG00000224297	5.13E-15	-2.63127	1	1 RP11-197P3.1	-
ENSG00000224298	5.13E-15	-2.63127	1	1 AC069363.1	-
ENSG00000224299	5.13E-15	-2.63127	1	1 AC007282.6	-

ENSG00000224300	5.13E-15	-2.63127	1	1 OR51P1P	K04257
ENSG00000224301	5.13E-15	-2.63127	1	1 RP11-144G16.1	-
ENSG00000224302	5.13E-15	-2.63127	1	1 RP11-302K17.3	K03094
ENSG00000224303	5.13E-15	-2.63127	1	1 RP11-327I22.5	-
ENSG00000224307	5.13E-15	-2.63127	1	1 RP11-344B5.2	-
ENSG00000224308	5.13E-15	-2.63127	1	1 RP1-13P20.6	-
ENSG00000224309	5.13E-15	-2.63127	1	1 ANKRD30BP2	K17299
ENSG00000224310	5.13E-15	-2.63127	1	1 AC012317.1	-
ENSG00000224311	5.13E-15	-2.63127	1	1 RP11-40H20.4	-
ENSG00000224312	5.13E-15	-2.63127	1	1 MCCD1P2	-
ENSG00000224314	5.13E-15	-2.63127	1	1 RP3-378P9.2	-
ENSG00000224316	5.13E-15	-2.63127	1	1 RP11-479O9.2	K03121
ENSG00000224318	5.13E-15	-2.63127	1	1 CHL1-AS2	-
ENSG00000224322	5.13E-15	-2.63127	1	1 AC004009.3	-
ENSG00000224323	5.13E-15	-2.63127	1	1 DPRXP1	-
ENSG00000224326	5.13E-15	-2.63127	1	1 RP11-115A15.1	-
ENSG00000224328	5.13E-15	-2.63127	1	1 MDC1-AS1	-
ENSG00000224329	5.13E-15	-2.63127	1	1 LINC00297	-
ENSG00000224330	5.13E-15	-2.63127	1	1 AC005019.3	-
ENSG00000224331	5.13E-15	-2.63127	1	1 AC019181.3	K02866
ENSG00000224333	5.13E-15	-2.63127	1	1 GAPDHP20	K00134
ENSG00000224334	5.13E-15	-2.63127	1	1 AP000357.4	K17260
ENSG00000224335	5.13E-15	-2.63127	1	1 RP11-301M17.2	-
ENSG00000224336	5.13E-15	-2.63127	1	1 FAM197Y1	-
ENSG00000224337	5.13E-15	-2.63127	1	1 FAM8A3P	-
ENSG00000224338	5.13E-15	-2.63127	1	1 RP11-149P14.1	K00412
ENSG00000224339	5.13E-15	-2.63127	1	1 AL121578.5	K07750
ENSG00000224340	5.13E-15	-2.63127	1	1 RP11-496H15.2	K02889
ENSG00000224341	5.13E-15	-2.63127	1	1 RP4-562J12.1	K15303
ENSG00000224342	5.13E-15	-2.63127	1	1 AC007879.1	-
ENSG00000224344	5.13E-15	-2.63127	1	1 KNOP1P3	-
ENSG00000224346	5.13E-15	-2.63127	1	1 AC005037.1	K18739
ENSG00000224347	5.13E-15	-2.63127	1	1 SCCEL-AS1	-
ENSG00000224348	5.13E-15	-2.63127	1	1 RP11-306K13.1	K02920
ENSG00000224351	5.13E-15	-2.63127	1	1 CDKN2AIPNLP3	-
ENSG00000224352	5.13E-15	-2.63127	1	1 AC132479.4	K08955
ENSG00000224353	5.13E-15	-2.63127	1	1 ACE3P	K01283
ENSG00000224354	5.13E-15	-2.63127	1	1 MTND2P5	K03879
ENSG00000224357	5.13E-15	-2.63127	1	1 ATG3P1	-
ENSG00000224359	5.13E-15	-2.63127	1	1 RP11-467I20.2	-
ENSG00000224361	5.13E-15	-2.63127	1	1 AC011239.1	-
ENSG00000224363	5.13E-15	-2.63127	1	1 RP11-289H16.1	-
ENSG00000224365	5.13E-15	-2.63127	1	1 RP11-252P18.1	K05357
ENSG00000224366	5.13E-15	-2.63127	1	1 AC138472.4	K06499
ENSG00000224367	5.13E-15	-2.63127	1	1 OACYLP	-
ENSG00000224368	5.13E-15	-2.63127	1	1 RP11-73B2.5	K08845
ENSG00000224370	5.13E-15	-2.63127	1	1 RP11-814E24.3	-
ENSG00000224371	5.13E-15	-2.63127	1	1 RP11-235G24.1	-
ENSG00000224372	5.13E-15	-2.63127	1	1 HLA-N	K06751
ENSG00000224373	5.13E-15	-2.63127	1	1 IGHV4-59	K06856
ENSG00000224374	5.13E-15	-2.63127	1	1 RP1-32B1.4	-
ENSG00000224375	5.13E-15	-2.63127	1	1 AC009276.4	-
ENSG00000224382	5.13E-15	-2.63127	1	1 LINC00703	-
ENSG00000224384	5.13E-15	-2.63127	1	1 RP3-417O22.3	-
ENSG00000224387	5.13E-15	-2.63127	1	1 RP3-395M20.2	-
ENSG00000224389	5.13E-15	-2.63127	1	1 C4B	K03989
ENSG00000224391	5.13E-15	-2.63127	1	1 AC073321.3	-
ENSG00000224394	5.13E-15	-2.63127	1	1 GPC6-AS2	-

ENSG00000224396	5.13E-15	-2.63127	1	1 METTL15P3	-
ENSG00000224400	5.13E-15	-2.63127	1	1 AC010880.1	-
ENSG00000224401	5.13E-15	-2.63127	1	1 RPL7P57	-
ENSG00000224402	5.13E-15	-2.63127	1	1 OR6D1P	K04257
ENSG00000224403	5.13E-15	-2.63127	1	1 DPPA2P3	-
ENSG00000224404	5.13E-15	-2.63127	1	1 LL22NC03-13G6.2	-
ENSG00000224405	5.13E-15	-2.63127	1	1 LINC00572	-
ENSG00000224406	5.13E-15	-2.63127	1	1 RP11-48F14.1	-
ENSG00000224407	5.13E-15	-2.63127	1	1 RP5-956O18.3	-
ENSG00000224408	5.13E-15	-2.63127	1	1 USP9YP22	-
ENSG00000224409	5.13E-15	-2.63127	1	1 RP11-114B7.6	-
ENSG00000224410	5.13E-15	-2.63127	1	1 AC097499.2	K11424
ENSG00000224412	5.13E-15	-2.63127	1	1 RP11-351O1.3	-
ENSG00000224413	5.13E-15	-2.63127	1	1 AP001476.2	-
ENSG00000224414	5.13E-15	-2.63127	1	1 AC010886.2	K16467
ENSG00000224415	5.13E-15	-2.63127	1	1 RPL19P12	K02885
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ENSG00000224417	5.13E-15	-2.63127	1	1 RP11-503C24.6	-
ENSG00000224419	5.13E-15	-2.63127	1	1 KRT18P27	K07604
ENSG00000224421	5.13E-15	-2.63127	1	1 ATP5J2LP	K02130
ENSG00000224425	5.13E-15	-2.63127	1	1 AC073869.2	-
ENSG00000224426	5.13E-15	-2.63127	1	1 SLC31A1P1	K14686
ENSG00000224427	5.13E-15	-2.63127	1	1 AP000281.1	K02866
ENSG00000224430	5.13E-15	-2.63127	1	1 MKRN5P	K15687
ENSG00000224435	5.13E-15	-2.63127	1	1 NF1P6	K08052
ENSG00000224436	5.13E-15	-2.63127	1	1 RP11-284L19.1	-
ENSG00000224438	5.13E-15	-2.63127	1	1 RP4-816N1.1	K02893
ENSG00000224439	5.13E-15	-2.63127	1	1 RP11-351M16.1	K02998
ENSG00000224440	5.13E-15	-2.63127	1	1 CXorf51A	-
ENSG00000224441	5.13E-15	-2.63127	1	1 AC068831.3	-
ENSG00000224442	5.13E-15	-2.63127	1	1 AC017035.2	K02930
ENSG00000224443	5.13E-15	-2.63127	1	1 AC006509.4	-
ENSG00000224445	5.13E-15	-2.63127	1	1 RP11-413P11.1	-
ENSG00000224447	5.13E-15	-2.63127	1	1 HIST1H1PS2	-
ENSG00000224448	5.13E-15	-2.63127	1	1 GS1-259H13.7	K07941
ENSG00000224458	5.13E-15	-2.63127	1	1 GUSBP6	K04614
ENSG00000224463	5.13E-15	-2.63127	1	1 AC079354.6	K02924
ENSG00000224464	5.13E-15	-2.63127	1	1 PGAM1P6	K01834
ENSG00000224465	5.13E-15	-2.63127	1	1 SOCS2P2	K04695
ENSG00000224466	5.13E-15	-2.63127	1	1 RP4-651E10.3	-
ENSG00000224467	5.13E-15	-2.63127	1	1 AC009313.1	-
ENSG00000224469	5.13E-15	-2.63127	1	1 AC009517.2	K02883
ENSG00000224471	5.13E-15	-2.63127	1	1 RP11-522L3.6	-
ENSG00000224474	5.13E-15	-2.63127	1	1 AL355490.1	-
ENSG00000224475	5.13E-15	-2.63127	1	1 AC073900.4	K02936
ENSG00000224476	5.13E-15	-2.63127	1	1 RPL36P16	K02920
ENSG00000224477	5.13E-15	-2.63127	1	1 RP1-81D8.3	-
ENSG00000224478	5.13E-15	-2.63127	1	1 RP11-13P5.1	-
ENSG00000224481	5.13E-15	-2.63127	1	1 RP11-495P10.3	-
ENSG00000224482	5.13E-15	-2.63127	1	1 HSFY4P	-
ENSG00000224484	5.13E-15	-2.63127	1	1 RP11-548K12.4	-
ENSG00000224485	5.13E-15	-2.63127	1	1 USP9YP7	-
ENSG00000224486	5.13E-15	-2.63127	1	1 HCG19P	-
ENSG00000224488	5.13E-15	-2.63127	1	1 RP11-492A12.2	K07277
ENSG00000224493	5.13E-15	-2.63127	1	1 RP11-87O11.1	-
ENSG00000224494	5.13E-15	-2.63127	1	1 HNRNPA3P14	K12741
ENSG00000224497	5.13E-15	-2.63127	1	1 RPL36P4	K02920
ENSG00000224498	5.13E-15	-2.63127	1	1 MAPKAPK5P1	-

ENSG00000224500	5.13E-15	-2.63127	1	1 RP11-328K22.1	-
ENSG00000224503	5.13E-15	-2.63127	1	1 AC104438.1	K05610
ENSG00000224504	5.13E-15	-2.63127	1	1 RP11-475D12.2	-
ENSG00000224506	5.13E-15	-2.63127	1	1 RP1-293L8.2	-
ENSG00000224509	5.13E-15	-2.63127	1	1 AC010884.1	-
ENSG00000224510	5.13E-15	-2.63127	1	1 POLR2KP2	-
ENSG00000224511	5.13E-15	-2.63127	1	1 LINC00365	-
ENSG00000224512	5.13E-15	-2.63127	1	1 AC021593.1	-
ENSG00000224513	5.13E-15	-2.63127	1	1 AC109309.4	-
ENSG00000224515	5.13E-15	-2.63127	1	1 RP11-5K23.5	-
ENSG00000224516	5.13E-15	-2.63127	1	1 AC068134.8	-
ENSG00000224517	5.13E-15	-2.63127	1	1 HTR2A-AS1	-
ENSG00000224518	5.13E-15	-2.63127	1	1 AC006989.2	K08738
ENSG00000224519	5.13E-15	-2.63127	1	1 HMGN1P19	K11299
ENSG00000224521	5.13E-15	-2.63127	1	1 RP11-438F14.3	-
ENSG00000224523	5.13E-15	-2.63127	1	1 RP13-52K8.1	K14722
ENSG00000224524	5.13E-15	-2.63127	1	1 CYCSP42	K08738
ENSG00000224525	5.13E-15	-2.63127	1	1 RP11-561I11.3	-
ENSG00000224529	5.13E-15	-2.63127	1	1 AC093698.4	K10755
ENSG00000224530	5.13E-15	-2.63127	1	1 PPIAP10	K03767
ENSG00000224532	5.13E-15	-2.63127	1	1 RP3-470L22.1	-
ENSG00000224535	5.13E-15	-2.63127	1	1 RP11-61J19.2	-
ENSG00000224537	5.13E-15	-2.63127	1	1 MEP1AP4	K01395
ENSG00000224539	5.13E-15	-2.63127	1	1 RP11-432N13.3	-
ENSG00000224540	5.13E-15	-2.63127	1	1 RP11-385M4.3	K04683
ENSG00000224545	5.13E-15	-2.63127	1	1 AC008264.4	K02910
ENSG00000224547	5.13E-15	-2.63127	1	1 AC023669.2	K09228
ENSG00000224548	5.13E-15	-2.63127	1	1 RP1-107N3.2	-
ENSG00000224551	5.13E-15	-2.63127	1	1 HMGB3P21	-
ENSG00000224553	5.13E-15	-2.63127	1	1 AC008065.1	K02976
ENSG00000224555	5.13E-15	-2.63127	1	1 RP11-438N5.2	K11299
ENSG00000224556	5.13E-15	-2.63127	1	1 RP11-485B17.3	-
ENSG00000224557	5.13E-15	-2.63127	1	1 HLA-DPB2	K06752
ENSG00000224560	5.13E-15	-2.63127	1	1 RP11-270L13.1	-
ENSG00000224565	5.13E-15	-2.63127	1	1 RP1-148H17.1	-
ENSG00000224566	5.13E-15	-2.63127	1	1 FAM96AP2	-
ENSG00000224567	5.13E-15	-2.63127	1	1 AC129778.5	K12019
ENSG00000224568	5.13E-15	-2.63127	1	1 AC096669.3	-
ENSG00000224570	5.13E-15	-2.63127	1	1 RP11-430H12.2	K00710
ENSG00000224571	5.13E-15	-2.63127	1	1 USP9YP13	K11840
ENSG00000224573	5.13E-15	-2.63127	1	1 AC083863.5	K02936
ENSG00000224574	5.13E-15	-2.63127	1	1 COL18A1-AS2	-
ENSG00000224577	5.13E-15	-2.63127	1	1 LINC01117	-
ENSG00000224579	5.13E-15	-2.63127	1	1 AC012314.19	-
ENSG00000224581	5.13E-15	-2.63127	1	1 XX-FW84067D5.2	-
ENSG00000224582	5.13E-15	-2.63127	1	1 LINC01015	-
ENSG00000224583	5.13E-15	-2.63127	1	1 RP11-554D15.4	-
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ENSG00000224585	5.13E-15	-2.63127	1	1 AC103563.5	K06856
ENSG00000224586	5.13E-15	-2.63127	1	1 GPX5	K00432
ENSG00000224589	5.13E-15	-2.63127	1	1 RP11-12D5.6	-
ENSG00000224590	5.13E-15	-2.63127	1	1 AC007163.10	-
ENSG00000224592	5.13E-15	-2.63127	1	1 RP5-884C9.2	-
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ENSG00000224594	5.13E-15	-2.63127	1	1 RPL29P19	K02905
ENSG00000224598	5.13E-15	-2.63127	1	1 RPS5P2	K02989
ENSG00000224599	5.13E-15	-2.63127	1	1 BMS1P12	K14569
ENSG00000224600	5.13E-15	-2.63127	1	1 RP4-612B18.1	K02942

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ENSG00000224605	5.13E-15	-2.63127	1	1 RP1-177I10.1	-
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ENSG00000224609	5.13E-15	-2.63127	1	1 RP11-470E16.1	-
ENSG00000224610	5.13E-15	-2.63127	1	1 RP11-265P11.1	-
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ENSG00000224612	5.13E-15	-2.63127	1	1 AC011901.2	-
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ENSG00000224615	5.13E-15	-2.63127	1	1 RP11-34H11.1	-
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ENSG00000224622	5.13E-15	-2.63127	1	1 OR9R1P	K04257
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ENSG00000224628	5.13E-15	-2.63127	1	1 RP5-854E16.2	-
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ENSG00000224634	5.13E-15	-2.63127	1	1 ZNF736P6Y	K09228
ENSG00000224637	5.13E-15	-2.63127	1	1 AC019129.2	K12504
ENSG00000224638	5.13E-15	-2.63127	1	1 AC106900.6	-
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ENSG00000224643	5.13E-15	-2.63127	1	1 AC064871.3	-
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ENSG00000224653	5.13E-15	-2.63127	1	1 RP11-548K12.10	-
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ENSG00000224662	5.13E-15	-2.63127	1	1 ATP6V1G1P3	K02152
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ENSG00000224674	5.13E-15	-2.63127	1	1 EIF3EP2	K17985
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ENSG00000224679	5.13E-15	-2.63127	1	1 MED15P4	K15157
ENSG00000224681	5.13E-15	-2.63127	1	1 RP11-146D12.5	K09228
ENSG00000224683	5.13E-15	-2.63127	1	1 RPL36AP29	K02929
ENSG00000224685	5.13E-15	-2.63127	1	1 RP11-84O12.3	K02929
ENSG00000224686	5.13E-15	-2.63127	1	1 TCEB1P23	-
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ENSG00000224690	5.13E-15	-2.63127	1	1 UBE2D3P3	K06689
ENSG00000224691	5.13E-15	-2.63127	1	1 GS1-174L6.4	-

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ENSG00000224698	5.13E-15	-2.63127	1	1	RP11-131J3.1	-
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ENSG00000224701	5.13E-15	-2.63127	1	1	MED28P4	K15141
ENSG00000224702	5.13E-15	-2.63127	1	1	RP11-38C18.2	-
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ENSG00000224709	5.13E-15	-2.63127	1	1	OR11M1P	K04257
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ENSG00000224711	5.13E-15	-2.63127	1	1	RP5-988G17.1	-
ENSG00000224713	5.13E-15	-2.63127	1	1	AC025165.8	-
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ENSG00000224718	5.13E-15	-2.63127	1	1	RP11-222A5.1	-
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ENSG00000224743	5.13E-15	-2.63127	1	1	TEX26-AS1	-
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ENSG00000224752	5.13E-15	-2.63127	1	1	VN1R21P	K04614
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ENSG00000224760	5.13E-15	-2.63127	1	1	C1DP3	K12592
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ENSG00000224764	5.13E-15	-2.63127	1	1	RP11-54O15.3	-
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ENSG00000224775	5.13E-15	-2.63127	1	1	BRAFP1	K04365
ENSG00000224776	5.13E-15	-2.63127	1	1	RP11-361A21.1	K02998
ENSG00000224778	5.13E-15	-2.63127	1	1	CENPIP1	K11501
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ENSG00000224792	5.13E-15	-2.63127	1	1	RP11-314A5.3	-
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ENSG00000224797	5.13E-15	-2.63127	1	1	RP11-57C19.6	K02922
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ENSG00000224807	5.13E-15	-2.63127	1	1	DUX4L9	-
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ENSG00000224816	5.13E-15	-2.63127	1	1 NAP1L4P2	-
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ENSG00000224830	5.13E-15	-2.63127	1	1 OR2X1P	-
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ENSG00000224857	5.13E-15	-2.63127	1	1 RP11-344P13.1	-
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ENSG00000224869	5.13E-15	-2.63127	1	1 AC062016.1	-
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ENSG00000224873	5.13E-15	-2.63127	1	1 CDY13P	-
ENSG00000224875	5.13E-15	-2.63127	1	1 AC083949.1	-
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ENSG00000224896	5.13E-15	-2.63127	1	1 SIGLEC30P	K06749
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ENSG00000224907	5.13E-15	-2.63127	1	1 RP11-451M19.2	K02889
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ENSG00000224937	5.13E-15	-2.63127	1	1 RP11-34H11.6	-
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ENSG00000224944	5.13E-15	-2.63127	1	1 CASC6	-
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ENSG00000224948	5.13E-15	-2.63127	1	1 ATP5G1P8	K02128
ENSG00000224949	5.13E-15	-2.63127	1	1 RP11-161N3.3	K02922
ENSG00000224953	5.13E-15	-2.63127	1	1 SRIP3	-
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ENSG00000224957	5.13E-15	-2.63127	1	1 AC090044.1	-
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ENSG00000224963	5.13E-15	-2.63127	1	1 U82695.9	-
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ENSG00000224967	5.13E-15	-2.63127	1	1 AC009303.3	K05638
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ENSG00000224970	5.13E-15	-2.63127	1	1 RP11-114L10.2	-
ENSG00000224972	5.13E-15	-2.63127	1	1 RP11-403H13.1	-
ENSG00000224973	5.13E-15	-2.63127	1	1 LARGE-AS1	-
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ENSG00000224976	5.13E-15	-2.63127	1	1 PARP4P2	K10798
ENSG00000224977	5.13E-15	-2.63127	1	1 RP11-160H22.3	-
ENSG00000224978	5.13E-15	-2.63127	1	1 RP13-228J13.9	-
ENSG00000224980	5.13E-15	-2.63127	1	1 RP11-377K22.3	K02893
ENSG00000224981	5.13E-15	-2.63127	1	1 AC000367.1	K17045
ENSG00000224982	5.13E-15	-2.63127	1	1 TMEM233	-
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ENSG00000224987	5.13E-15	-2.63127	1	1 RP1-191J18.65	K02875
ENSG00000224988	5.13E-15	-2.63127	1	1 RP11-409K20.7	-
ENSG00000224989	5.13E-15	-2.63127	1	1 FAM41AY1	-
ENSG00000224992	5.13E-15	-2.63127	1	1 RP11-295G24.5	-
ENSG00000224995	5.13E-15	-2.63127	1	1 RP5-991C6.3	-
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ENSG00000225005	5.13E-15	-2.63127	1	1 RP11-483G21.3	K02936
ENSG00000225006	5.13E-15	-2.63127	1	1 RP11-669M2.1	-
ENSG00000225007	5.13E-15	-2.63127	1	1 AC000067.1	-
ENSG00000225008	5.13E-15	-2.63127	1	1 RP13-228J13.6	K08870
ENSG00000225011	5.13E-15	-2.63127	1	1 RP11-810H18.1	K16662
ENSG00000225012	5.13E-15	-2.63127	1	1 RP13-348B13.2	-
ENSG00000225014	5.13E-15	-2.63127	1	1 KCTD9P1	-
ENSG00000225015	5.13E-15	-2.63127	1	1 SNX18P15	K17299
ENSG00000225016	5.13E-15	-2.63127	1	1 LINC00328-2P	-
ENSG00000225017	5.13E-15	-2.63127	1	1 AP004289.1	K01681
ENSG00000225018	5.13E-15	-2.63127	1	1 RP11-419M24.5	K04393

ENSG00000225024	5.13E-15	-2.63127	1	1 AC015977.5	K02922
ENSG00000225025	5.13E-15	-2.63127	1	1 KIF4CP	K10395
ENSG00000225026	5.13E-15	-2.63127	1	1 AC091492.2	K09548
ENSG00000225027	5.13E-15	-2.63127	1	1 IFNWP4	K05414
ENSG00000225036	5.13E-15	-2.63127	1	1 RP11-414B7.1	K02089
ENSG00000225044	5.13E-15	-2.63127	1	1 RP11-204C23.1	-
ENSG00000225045	5.13E-15	-2.63127	1	1 MTND5P27	K03883
ENSG00000225046	5.13E-15	-2.63127	1	1 RP1-20I3.3	-
ENSG00000225049	5.13E-15	-2.63127	1	1 AC068279.2	-
ENSG00000225050	5.13E-15	-2.63127	1	1 RP11-349E4.1	-
ENSG00000225055	5.13E-15	-2.63127	1	1 RP11-344N17.9	K00819
ENSG00000225056	5.13E-15	-2.63127	1	1 RP11-218C14.5	-
ENSG00000225057	5.13E-15	-2.63127	1	1 AC096574.4	-
ENSG00000225058	5.13E-15	-2.63127	1	1 RP11-132N15.1	-
ENSG00000225063	5.13E-15	-2.63127	1	1 RP11-383G10.5	-
ENSG00000225064	5.13E-15	-2.63127	1	1 AC007879.6	-
ENSG00000225066	5.13E-15	-2.63127	1	1 RP1-272E8.1	K10127
ENSG00000225069	5.13E-15	-2.63127	1	1 RP5-1025A1.2	K06747
ENSG00000225070	5.13E-15	-2.63127	1	1 LL22NC03-23C6.13	-
ENSG00000225072	5.13E-15	-2.63127	1	1 OR7E116P	K04257
ENSG00000225076	5.13E-15	-2.63127	1	1 WWC3-AS1	-
ENSG00000225079	5.13E-15	-2.63127	1	1 FTH1P22	-
ENSG00000225080	5.13E-15	-2.63127	1	1 PFN1P4	K05759
ENSG00000225082	5.13E-15	-2.63127	1	1 DAP3P1	K17408
ENSG00000225084	5.13E-15	-2.63127	1	1 AL450226.2	-
ENSG00000225085	5.13E-15	-2.63127	1	1 RP11-15B24.1	-
ENSG00000225087	5.13E-15	-2.63127	1	1 RP4-660H19.1	-
ENSG00000225094	5.13E-15	-2.63127	1	1 SETP20	K11290
ENSG00000225100	5.13E-15	-2.63127	1	1 RP11-479O17.7	-
ENSG00000225101	5.13E-15	-2.63127	1	1 OR52K3P	K04257
ENSG00000225102	5.13E-15	-2.63127	1	1 RP11-456H18.1	-
ENSG00000225105	5.13E-15	-2.63127	1	1 LINC01076	-
ENSG00000225106	5.13E-15	-2.63127	1	1 RP11-429E11.2	-
ENSG00000225107	5.13E-15	-2.63127	1	1 AC092484.1	-
ENSG00000225110	5.13E-15	-2.63127	1	1 LL0XNC01-16G2.1	-
ENSG00000225112	5.13E-15	-2.63127	1	1 RP11-295P9.6	-
ENSG00000225116	5.13E-15	-2.63127	1	1 RP11-137F15.1	-
ENSG00000225117	5.13E-15	-2.63127	1	1 ARSDP1	K12374
ENSG00000225118	5.13E-15	-2.63127	1	1 RP11-477L16.2	-
ENSG00000225121	5.13E-15	-2.63127	1	1 EEF1B2P5	K03232
ENSG00000225122	5.13E-15	-2.63127	1	1 RP11-408E1.1	K03245
ENSG00000225124	5.13E-15	-2.63127	1	1 AC023271.2	-
ENSG00000225126	5.13E-15	-2.63127	1	1 RP4-549F15.1	-
ENSG00000225127	5.13E-15	-2.63127	1	1 LINC00237	-
ENSG00000225128	5.13E-15	-2.63127	1	1 LINC00972	-
ENSG00000225129	5.13E-15	-2.63127	1	1 RP4-614C15.2	-
ENSG00000225136	5.13E-15	-2.63127	1	1 PGBD4P5	-
ENSG00000225140	5.13E-15	-2.63127	1	1 RP11-809C18.3	-
ENSG00000225142	5.13E-15	-2.63127	1	1 RP11-490K7.1	K02889
ENSG00000225144	5.13E-15	-2.63127	1	1 AC018643.4	-
ENSG00000225147	5.13E-15	-2.63127	1	1 RPS12P10	-
ENSG00000225148	5.13E-15	-2.63127	1	1 RP5-899B16.2	-
ENSG00000225152	5.13E-15	-2.63127	1	1 RP11-338O1.2	-
ENSG00000225154	5.13E-15	-2.63127	1	1 RP11-184J23.2	K07374
ENSG00000225155	5.13E-15	-2.63127	1	1 TOMM2P5	K17769
ENSG00000225156	5.13E-15	-2.63127	1	1 AC012354.6	-
ENSG00000225157	5.13E-15	-2.63127	1	1 AC005779.1	K13194
ENSG00000225158	5.13E-15	-2.63127	1	1 HSPE1P24	K04078

ENSG00000225165	5.13E-15	-2.63127	1	1 CTD-2538A21.1	K15433
ENSG00000225167	5.13E-15	-2.63127	1	1 TXNP2	K03671
ENSG00000225170	5.13E-15	-2.63127	1	1 RP5-828K20.1	-
ENSG00000225172	5.13E-15	-2.63127	1	1 RP11-16L9.2	-
ENSG00000225173	5.13E-15	-2.63127	1	1 XXbac-BPG308K3.5	-
ENSG00000225174	5.13E-15	-2.63127	1	1 OSTM1-AS1	-
ENSG00000225175	5.13E-15	-2.63127	1	1 RP11-795A2.2	-
ENSG00000225176	5.13E-15	-2.63127	1	1 ATP5LP4	K02140
ENSG00000225178	5.13E-15	-2.63127	1	1 RPSAP56	K02998
ENSG00000225179	5.13E-15	-2.63127	1	1 LINC00457	-
ENSG00000225180	5.13E-15	-2.63127	1	1 AATK-AS1	-
ENSG00000225181	5.13E-15	-2.63127	1	1 RP11-388K2.1	-
ENSG00000225182	5.13E-15	-2.63127	1	1 AC092601.1	-
ENSG00000225183	5.13E-15	-2.63127	1	1 RP4-758J24.4	K02271
ENSG00000225185	5.13E-15	-2.63127	1	1 RP11-481K9.4	K03767
ENSG00000225187	5.13E-15	-2.63127	1	1 AC073283.7	-
ENSG00000225189	5.13E-15	-2.63127	1	1 REREP1Y	K05628
ENSG00000225191	5.13E-15	-2.63127	1	1 RP11-97C18.1	K11825
ENSG00000225192	5.13E-15	-2.63127	1	1 ZNF33BP1	K09228
ENSG00000225194	5.13E-15	-2.63127	1	1 LINC00092	-
ENSG00000225196	5.13E-15	-2.63127	1	1 RP5-1118D24.2	K02866
ENSG00000225198	5.13E-15	-2.63127	1	1 SSXP3	K15625
ENSG00000225200	5.13E-15	-2.63127	1	1 AB019441.29	K02995
ENSG00000225208	5.13E-15	-2.63127	1	1 RP11-107I14.2	-
ENSG00000225209	5.13E-15	-2.63127	1	1 RP11-358M3.1	-
ENSG00000225212	5.13E-15	-2.63127	1	1 AKR1B1P6	K00011
ENSG00000225214	5.13E-15	-2.63127	1	1 AC079790.2	-
ENSG00000225215	5.13E-15	-2.63127	1	1 SMARCE1P1	K11651
ENSG00000225216	5.13E-15	-2.63127	1	1 AC007362.3	-
ENSG00000225217	5.13E-15	-2.63127	1	1 HSPA7	K03283
ENSG00000225221	5.13E-15	-2.63127	1	1 PLA2G12AP2	-
ENSG00000225222	5.13E-15	-2.63127	1	1 CHCHD4P5	K17782
ENSG00000225224	5.13E-15	-2.63127	1	1 RP4-814D15.2	K02977
ENSG00000225225	5.13E-15	-2.63127	1	1 ARL2BPP10	-
ENSG00000225226	5.13E-15	-2.63127	1	1 AC007250.4	-
ENSG00000225231	5.13E-15	-2.63127	1	1 AC091814.2	-
ENSG00000225233	5.13E-15	-2.63127	1	1 RP11-554K11.2	-
ENSG00000225235	5.13E-15	-2.63127	1	1 DDX26B-AS1	-
ENSG00000225236	5.13E-15	-2.63127	1	1 AP000936.5	K14397
ENSG00000225238	5.13E-15	-2.63127	1	1 RP1-169I5.4	K13135
ENSG00000225239	5.13E-15	-2.63127	1	1 RPL21P107	K02889
ENSG00000225240	5.13E-15	-2.63127	1	1 AC117490.2	-
ENSG00000225242	5.13E-15	-2.63127	1	1 COX6B1P7	-
ENSG00000225243	5.13E-15	-2.63127	1	1 RP1-127D3.4	-
ENSG00000225244	5.13E-15	-2.63127	1	1 RP11-220H4.2	K03323
ENSG00000225246	5.13E-15	-2.63127	1	1 RPS2P1	K02981
ENSG00000225249	5.13E-15	-2.63127	1	1 LINC00378	-
ENSG00000225251	5.13E-15	-2.63127	1	1 RPL5P25	K02932
ENSG00000225253	5.13E-15	-2.63127	1	1 AC011225.1	K09131
ENSG00000225254	5.13E-15	-2.63127	1	1 RP11-403F21.1	-
ENSG00000225255	5.13E-15	-2.63127	1	1 LA16c-83F12.6	-
ENSG00000225256	5.13E-15	-2.63127	1	1 TRAPPC2P5	-
ENSG00000225258	5.13E-15	-2.63127	1	1 AC009478.1	-
ENSG00000225261	5.13E-15	-2.63127	1	1 RP5-937E21.8	-
ENSG00000225267	5.13E-15	-2.63127	1	1 RPL8P2	K02938
ENSG00000225269	5.13E-15	-2.63127	1	1 LINC00705	-
ENSG00000225270	5.13E-15	-2.63127	1	1 CICP12	K16941
ENSG00000225271	5.13E-15	-2.63127	1	1 RP11-66N5.2	-

ENSG00000225272	5.13E-15	-2.63127	1	1 RP11-466F5.4	K02889
ENSG00000225275	5.13E-15	-2.63127	1	1 NUP210P2	K14314
ENSG00000225276	5.13E-15	-2.63127	1	1 MTND1P18	K03878
ENSG00000225279	5.13E-15	-2.63127	1	1 RP11-536C5.2	-
ENSG00000225282	5.13E-15	-2.63127	1	1 AP000350.6	K10442
ENSG00000225284	5.13E-15	-2.63127	1	1 AC018693.6	-
ENSG00000225285	5.13E-15	-2.63127	1	1 RP4-758J18.10	-
ENSG00000225286	5.13E-15	-2.63127	1	1 AC005105.2	-
ENSG00000225287	5.13E-15	-2.63127	1	1 OFD1P13Y	K16480
ENSG00000225289	5.13E-15	-2.63127	1	1 RPL29P29	-
ENSG00000225292	5.13E-15	-2.63127	1	1 RP11-57H14.3	-
ENSG00000225293	5.13E-15	-2.63127	1	1 ABCD1P4	K05675
ENSG00000225294	5.13E-15	-2.63127	1	1 OSTCP2	-
ENSG00000225295	5.13E-15	-2.63127	1	1 MTND4P4	K03881
ENSG00000225297	5.13E-15	-2.63127	1	1 RP4-612C19.2	-
ENSG00000225298	5.13E-15	-2.63127	1	1 LINC00113	-
ENSG00000225299	5.13E-15	-2.63127	1	1 RP11-344A5.1	-
ENSG00000225300	5.13E-15	-2.63127	1	1 RP11-439E19.1	-
ENSG00000225302	5.13E-15	-2.63127	1	1 RP11-539I5.1	-
ENSG00000225303	5.13E-15	-2.63127	1	1 RP11-512N4.2	-
ENSG00000225304	5.13E-15	-2.63127	1	1 AC106901.1	-
ENSG00000225308	5.13E-15	-2.63127	1	1 ASS1P11	K01940
ENSG00000225310	5.13E-15	-2.63127	1	1 DNAJC19P4	-
ENSG00000225311	5.13E-15	-2.63127	1	1 RP1-91J24.3	-
ENSG00000225314	5.13E-15	-2.63127	1	1 AC018634.9	-
ENSG00000225316	5.13E-15	-2.63127	1	1 LINC00350	-
ENSG00000225321	5.13E-15	-2.63127	1	1 RP5-828K20.2	-
ENSG00000225322	5.13E-15	-2.63127	1	1 RP11-472D17.1	-
ENSG00000225323	5.13E-15	-2.63127	1	1 Z84721.4	-
ENSG00000225325	5.13E-15	-2.63127	1	1 RP11-479J7.1	-
ENSG00000225326	5.13E-15	-2.63127	1	1 USP9YP19	K11840
ENSG00000225327	5.13E-15	-2.63127	1	1 USP17L3	K11845
ENSG00000225328	5.13E-15	-2.63127	1	1 AC019100.3	-
ENSG00000225329	5.13E-15	-2.63127	1	1 RP11-325F22.5	-
ENSG00000225330	5.13E-15	-2.63127	1	1 AF064860.5	-
ENSG00000225333	5.13E-15	-2.63127	1	1 RP1-144F13.4	-
ENSG00000225334	5.13E-15	-2.63127	1	1 RP11-449J1.1	-
ENSG00000225336	5.13E-15	-2.63127	1	1 HMGB3P1	K11296
ENSG00000225337	5.13E-15	-2.63127	1	1 RP11-561O23.7	-
ENSG00000225338	5.13E-15	-2.63127	1	1 RP11-384C4.3	K02893
ENSG00000225339	5.13E-15	-2.63127	1	1 RP11-513I15.6	-
ENSG00000225341	5.13E-15	-2.63127	1	1 AC013269.4	-
ENSG00000225342	5.13E-15	-2.63127	1	1 AC079630.4	-
ENSG00000225343	5.13E-15	-2.63127	1	1 RPL21P66	K02889
ENSG00000225344	5.13E-15	-2.63127	1	1 RP4-738P15.4	-
ENSG00000225347	5.13E-15	-2.63127	1	1 SLC25A5P8	K05863
ENSG00000225349	5.13E-15	-2.63127	1	1 RP11-820K3.2	K09488
ENSG00000225350	5.13E-15	-2.63127	1	1 FREM2-AS1	-
ENSG00000225352	5.13E-15	-2.63127	1	1 RPL31P53	-
ENSG00000225354	5.13E-15	-2.63127	1	1 RP11-400G3.3	K02936
ENSG00000225355	5.13E-15	-2.63127	1	1 ARL6IP1P2	-
ENSG00000225356	5.13E-15	-2.63127	1	1 RP11-433O3.1	K06737
ENSG00000225357	5.13E-15	-2.63127	1	1 RPF2P1	K14847
ENSG00000225358	5.13E-15	-2.63127	1	1 MIPEPP1	K01410
ENSG00000225359	5.13E-15	-2.63127	1	1 RP11-540K16.2	-
ENSG00000225360	5.13E-15	-2.63127	1	1 RP11-149F8.4	-
ENSG00000225365	5.13E-15	-2.63127	1	1 AC078942.1	-
ENSG00000225366	5.13E-15	-2.63127	1	1 TDGF1P3	-

ENSG00000225369	5.13E-15	-2.63127	1	1 AC009506.2	K10364
ENSG00000225370	5.13E-15	-2.63127	1	1 AC011515.2	K06512
ENSG00000225371	5.13E-15	-2.63127	1	1 CICIP8	K16941
ENSG00000225376	5.13E-15	-2.63127	1	1 RP11-490D19.6	-
ENSG00000225378	5.13E-15	-2.63127	1	1 AC015977.6	-
ENSG00000225380	5.13E-15	-2.63127	1	1 IGKV1OR9-2	-
ENSG00000225381	5.13E-15	-2.63127	1	1 RPS5P7	K02989
ENSG00000225383	5.13E-15	-2.63127	1	1 SFTA1P	-
ENSG00000225384	5.13E-15	-2.63127	1	1 RP13-643D4.1	K14376
ENSG00000225386	5.13E-15	-2.63127	1	1 AC099754.1	-
ENSG00000225387	5.13E-15	-2.63127	1	1 RP11-422P22.1	-
ENSG00000225391	5.13E-15	-2.63127	1	1 RP11-55K22.5	-
ENSG00000225393	5.13E-15	-2.63127	1	1 RP11-218L14.4	-
ENSG00000225394	5.13E-15	-2.63127	1	1 AC106883.1	-
ENSG00000225396	5.13E-15	-2.63127	1	1 RP11-69A21.2	-
ENSG00000225397	5.13E-15	-2.63127	1	1 RP11-552J9.13	K00819
ENSG00000225398	5.13E-15	-2.63127	1	1 RP11-395L14.5	K15636
ENSG00000225399	5.13E-15	-2.63127	1	1 RP11-3B7.1	K04613
ENSG00000225402	5.13E-15	-2.63127	1	1 AC010878.3	K13137
ENSG00000225404	5.13E-15	-2.63127	1	1 RPL26P34	K02898
ENSG00000225405	5.13E-15	-2.63127	1	1 RP11-84A1.1	K02957
ENSG00000225406	5.13E-15	-2.63127	1	1 AC080125.1	K09428
ENSG00000225407	5.13E-15	-2.63127	1	1 CTD-2384B11.2	-
ENSG00000225410	5.13E-15	-2.63127	1	1 AC107016.1	K07604
ENSG00000225411	5.13E-15	-2.63127	1	1 RP11-764K9.1	-
ENSG00000225413	5.13E-15	-2.63127	1	1 AP000345.4	-
ENSG00000225414	5.13E-15	-2.63127	1	1 RP11-746P2.1	-
ENSG00000225415	5.13E-15	-2.63127	1	1 RP3-509I19.1	K04186
ENSG00000225416	5.13E-15	-2.63127	1	1 AC104843.3	K02929
ENSG00000225417	5.13E-15	-2.63127	1	1 RP5-1178H5.2	-
ENSG00000225418	5.13E-15	-2.63127	1	1 AKR1C5P	K00037
ENSG00000225421	5.13E-15	-2.63127	1	1 AC019330.1	-
ENSG00000225423	5.13E-15	-2.63127	1	1 TNPO1P1	K18752
ENSG00000225424	5.13E-15	-2.63127	1	1 RP11-168C9.1	-
ENSG00000225427	5.13E-15	-2.63127	1	1 LINC00331	-
ENSG00000225428	5.13E-15	-2.63127	1	1 AC108479.1	K03960
ENSG00000225433	5.13E-15	-2.63127	1	1 MTND1P12	-
ENSG00000225437	5.13E-15	-2.63127	1	1 RP1-257A15.1	-
ENSG00000225438	5.13E-15	-2.63127	1	1 KRT41P	K07604
ENSG00000225443	5.13E-15	-2.63127	1	1 AC004938.5	K02929
ENSG00000225444	5.13E-15	-2.63127	1	1 AC087073.1	-
ENSG00000225446	5.13E-15	-2.63127	1	1 RP4-665J23.2	-
ENSG00000225448	5.13E-15	-2.63127	1	1 AC009477.7	-
ENSG00000225449	5.13E-15	-2.63127	1	1 RAB6C-AS1	-
ENSG00000225451	5.13E-15	-2.63127	1	1 RP11-340I6.5	K09228
ENSG00000225455	5.13E-15	-2.63127	1	1 TPI1P4	K01803
ENSG00000225457	5.13E-15	-2.63127	1	1 RP11-736E3.1	-
ENSG00000225458	5.13E-15	-2.63127	1	1 RP5-1121H13.4	-
ENSG00000225460	5.13E-15	-2.63127	1	1 RP13-93L13.1	K10704
ENSG00000225462	5.13E-15	-2.63127	1	1 FDPSP1	K00787
ENSG00000225463	5.13E-15	-2.63127	1	1 ZNF70P1	-
ENSG00000225466	5.13E-15	-2.63127	1	1 OFD1P10Y	K16480
ENSG00000225469	5.13E-15	-2.63127	1	1 RP3-406C18.2	-
ENSG00000225471	5.13E-15	-2.63127	1	1 RP11-262D11.2	-
ENSG00000225473	5.13E-15	-2.63127	1	1 ATP13A4-AS1	-
ENSG00000225475	5.13E-15	-2.63127	1	1 RP11-377K22.2	K02981
ENSG00000225476	5.13E-15	-2.63127	1	1 AC013437.6	K02262
ENSG00000225477	5.13E-15	-2.63127	1	1 CTD-2302A16.2	K00030

ENSG00000225478	5.13E-15	-2.63127	1	1 RP1-8B22.2	K03878
ENSG00000225479	5.13E-15	-2.63127	1	1 PLCB1-IT1	-
ENSG00000225480	5.13E-15	-2.63127	1	1 AC006548.19	K01301
ENSG00000225482	5.13E-15	-2.63127	1	1 RP11-542E6.3	-
ENSG00000225483	5.13E-15	-2.63127	1	1 RP11-38J22.2	K02891
ENSG00000225487	5.13E-15	-2.63127	1	1 RP11-403P14.1	K02917
ENSG00000225488	5.13E-15	-2.63127	1	1 RP11-760D2.1	-
ENSG00000225489	5.13E-15	-2.63127	1	1 RP11-390F4.3	-
ENSG00000225490	5.13E-15	-2.63127	1	1 RP4-610C12.3	-
ENSG00000225491	5.13E-15	-2.63127	1	1 UBE2Q2P4Y	K10582
ENSG00000225492	5.13E-15	-2.63127	1	1 GBP1P1	-
ENSG00000225493	5.13E-15	-2.63127	1	1 LINC01107	-
ENSG00000225496	5.13E-15	-2.63127	1	1 AC104651.2	K15433
ENSG00000225497	5.13E-15	-2.63127	1	1 RP11-180I22.2	-
ENSG00000225498	5.13E-15	-2.63127	1	1 AC002064.5	-
ENSG00000225499	5.13E-15	-2.63127	1	1 RPL15P4	K02877
ENSG00000225501	5.13E-15	-2.63127	1	1 SNRPF3	K11098
ENSG00000225502	5.13E-15	-2.63127	1	1 GAPDHP16	-
ENSG00000225508	5.13E-15	-2.63127	1	1 SSXP5	K15624
ENSG00000225509	5.13E-15	-2.63127	1	1 AIFM1P1	K04727
ENSG00000225510	5.13E-15	-2.63127	1	1 PCDH8P1	K16499
ENSG00000225513	5.13E-15	-2.63127	1	1 RP11-165N19.2	K02905
ENSG00000225516	5.13E-15	-2.63127	1	1 AC006156.1	-
ENSG00000225519	5.13E-15	-2.63127	1	1 RP11-236B18.2	-
ENSG00000225520	5.13E-15	-2.63127	1	1 TTTY16	-
ENSG00000225521	5.13E-15	-2.63127	1	1 AC005237.4	-
ENSG00000225522	5.13E-15	-2.63127	1	1 RP11-203F10.1	-
ENSG00000225523	5.13E-15	-2.63127	1	1 IGKV6D-21	-
ENSG00000225528	5.13E-15	-2.63127	1	1 RP3-370M22.8	-
ENSG00000225529	5.13E-15	-2.63127	1	1 BX088645.3	-
ENSG00000225530	5.13E-15	-2.63127	1	1 SP3P	K09193
ENSG00000225532	5.13E-15	-2.63127	1	1 XX-C2158C6.3	-
ENSG00000225533	5.13E-15	-2.63127	1	1 PAWRP1	-
ENSG00000225536	5.13E-15	-2.63127	1	1 RP6-145B8.3	K09553
ENSG00000225537	5.13E-15	-2.63127	1	1 AC073325.1	-
ENSG00000225538	5.13E-15	-2.63127	1	1 OR5BE1P	-
ENSG00000225539	5.13E-15	-2.63127	1	1 AC018799.1	-
ENSG00000225542	5.13E-15	-2.63127	1	1 ZNF385D-AS1	-
ENSG00000225545	5.13E-15	-2.63127	1	1 RP11-545I10.2	-
ENSG00000225546	5.13E-15	-2.63127	1	1 RP11-328J2.1	-
ENSG00000225548	5.13E-15	-2.63127	1	1 AC098973.2	-
ENSG00000225549	5.13E-15	-2.63127	1	1 RP11-210H10__A.1	-
ENSG00000225551	5.13E-15	-2.63127	1	1 RP11-19J3.5	-
ENSG00000225552	5.13E-15	-2.63127	1	1 NAALADL2-AS1	-
ENSG00000225554	5.13E-15	-2.63127	1	1 RP11-527D7.1	-
ENSG00000225557	5.13E-15	-2.63127	1	1 Z95114.6	-
ENSG00000225558	5.13E-15	-2.63127	1	1 UBE2D3P2	K06689
ENSG00000225559	5.13E-15	-2.63127	1	1 AC083867.4	-
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ENSG00000225564	5.13E-15	-2.63127	1	1 RP11-341A22.2	-
ENSG00000225569	5.13E-15	-2.63127	1	1 CCT4P2	K09496
ENSG00000225570	5.13E-15	-2.63127	1	1 AC013733.4	-
ENSG00000225574	5.13E-15	-2.63127	1	1 DRAXINP1	-
ENSG00000225579	5.13E-15	-2.63127	1	1 EDNRB-AS1	-
ENSG00000225581	5.13E-15	-2.63127	1	1 TRIM53AP	K12019
ENSG00000225582	5.13E-15	-2.63127	1	1 AC011193.1	-
ENSG00000225583	5.13E-15	-2.63127	1	1 RP4-630C24.1	-

ENSG00000225585	5.13E-15	-2.63127	1	1 IPPKP1	K10572
ENSG00000225588	5.13E-15	-2.63127	1	1 AC096669.1	-
ENSG00000225594	5.13E-15	-2.63127	1	1 AC098826.4	K09228
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ENSG00000225597	5.13E-15	-2.63127	1	1 FAM74A1	-
ENSG00000225598	5.13E-15	-2.63127	1	1 RP11-339D23.1	-
ENSG00000225602	5.13E-15	-2.63127	1	1 MTOR-AS1	-
ENSG00000225603	5.13E-15	-2.63127	1	1 RP11-325P15.1	K17392
ENSG00000225605	5.13E-15	-2.63127	1	1 RP11-550H2.1	-
ENSG00000225606	5.13E-15	-2.63127	1	1 AC005281.2	-
ENSG00000225609	5.13E-15	-2.63127	1	1 CDY20P	K00653
ENSG00000225610	5.13E-15	-2.63127	1	1 AC007679.3	-
ENSG00000225611	5.13E-15	-2.63127	1	1 RP11-70C1.1	-
ENSG00000225612	5.13E-15	-2.63127	1	1 AC099552.2	-
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ENSG00000225614	5.13E-15	-2.63127	1	1 ZNF469	-
ENSG00000225615	5.13E-15	-2.63127	1	1 RBMY2UP	-
ENSG00000225616	5.13E-15	-2.63127	1	1 RP4-604A21.1	K02901
ENSG00000225619	5.13E-15	-2.63127	1	1 MYT1L-AS1	-
ENSG00000225620	5.13E-15	-2.63127	1	1 RP11-569A11.2	-
ENSG00000225622	5.13E-15	-2.63127	1	1 PPIAP17	-
ENSG00000225623	5.13E-15	-2.63127	1	1 AGBL4-IT1	-
ENSG00000225624	5.13E-15	-2.63127	1	1 TBL1YP1	K04508
ENSG00000225625	5.13E-15	-2.63127	1	1 RP11-31H5.1	-
ENSG00000225626	5.13E-15	-2.63127	1	1 C9orf135-AS1	-
ENSG00000225636	5.13E-15	-2.63127	1	1 HNRNPA3P15	K12741
ENSG00000225638	5.13E-15	-2.63127	1	1 PABPC1P12	K13126
ENSG00000225640	5.13E-15	-2.63127	1	1 RP5-1022P6.4	-
ENSG00000225642	5.13E-15	-2.63127	1	1 SNRPEP5	K11097
ENSG00000225644	5.13E-15	-2.63127	1	1 RPL35AP4	K02917
ENSG00000225646	5.13E-15	-2.63127	1	1 AC015815.7	K04135
ENSG00000225647	5.13E-15	-2.63127	1	1 AC005487.2	-
ENSG00000225649	5.13E-15	-2.63127	1	1 AC064875.2	-
ENSG00000225650	5.13E-15	-2.63127	1	1 EIF2S2P5	K03238
ENSG00000225652	5.13E-15	-2.63127	1	1 RP11-619F23.2	-
ENSG00000225653	5.13E-15	-2.63127	1	1 RNF19BPY	K11973
ENSG00000225655	5.13E-15	-2.63127	1	1 RP11-143M1.2	-
ENSG00000225656	5.13E-15	-2.63127	1	1 RP5-858B6.1	-
ENSG00000225657	5.13E-15	-2.63127	1	1 RP5-843L14.1	-
ENSG00000225658	5.13E-15	-2.63127	1	1 TAF13P2	-
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ENSG00000225661	5.13E-15	-2.63127	1	1 RPL14P5	K02875
ENSG00000225662	5.13E-15	-2.63127	1	1 RP11-1036F1.1	K02875
ENSG00000225664	5.13E-15	-2.63127	1	1 YWHAZP8	K16197
ENSG00000225665	5.13E-15	-2.63127	1	1 SAR1P3	K07953
ENSG00000225669	5.13E-15	-2.63127	1	1 AC068535.5	K02893
ENSG00000225670	5.13E-15	-2.63127	1	1 CTA-134P22.2	-
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ENSG00000225672	5.13E-15	-2.63127	1	1 CCNT2P1	K15188
ENSG00000225673	5.13E-15	-2.63127	1	1 RP11-641C17.3	K14809
ENSG00000225675	5.13E-15	-2.63127	1	1 RP4-784A16.5	-
ENSG00000225676	5.13E-15	-2.63127	1	1 RP3-438O4.4	-
ENSG00000225678	5.13E-15	-2.63127	1	1 AP000619.5	-
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ENSG00000225680	5.13E-15	-2.63127	1	1 AL163953.2	-
ENSG00000225681	5.13E-15	-2.63127	1	1 AC005730.2	-
ENSG00000225683	5.13E-15	-2.63127	1	1 AL078585.1	-
ENSG00000225684	5.13E-15	-2.63127	1	1 FAM225B	-

ENSG00000225685	5.13E-15	-2.63127	1	1 TSPY5P	K11284
ENSG00000225689	5.13E-15	-2.63127	1	1 RP1-30E17.2	-
ENSG00000225690	5.13E-15	-2.63127	1	1 TREML5P	K14364
ENSG00000225698	5.13E-15	-2.63127	1	1 IGHV3-72	K06856
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ENSG00000225703	5.13E-15	-2.63127	1	1 AC005522.7	-
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ENSG00000225705	5.13E-15	-2.63127	1	1 AC004899.3	K06639
ENSG00000225706	5.13E-15	-2.63127	1	1 RP11-75C9.1	-
ENSG00000225708	5.13E-15	-2.63127	1	1 RP13-379L11.1	-
ENSG00000225710	5.13E-15	-2.63127	1	1 RP5-875O13.6	K16549
ENSG00000225712	5.13E-15	-2.63127	1	1 ATP5G2P1	K02128
ENSG00000225713	5.13E-15	-2.63127	1	1 RPL30P1	K02908
ENSG00000225716	5.13E-15	-2.63127	1	1 TCEB1P13	K03872
ENSG00000225719	5.13E-15	-2.63127	1	1 NMNAT1P2	K06210
ENSG00000225720	5.13E-15	-2.63127	1	1 RP4-742C19.12	-
ENSG00000225722	5.13E-15	-2.63127	1	1 RP11-706O15.8	K02896
ENSG00000225723	5.13E-15	-2.63127	1	1 MTND6P15	-
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ENSG00000225725	5.13E-15	-2.63127	1	1 FAM66E	-
ENSG00000225726	5.13E-15	-2.63127	1	1 AC007000.10	-
ENSG00000225727	5.13E-15	-2.63127	1	1 RP11-71C5.2	-
ENSG00000225728	5.13E-15	-2.63127	1	1 RP6-191P20.3	-
ENSG00000225730	5.13E-15	-2.63127	1	1 RP3-365O12.2	-
ENSG00000225735	5.13E-15	-2.63127	1	1 NEK4P1	K08857
ENSG00000225738	5.13E-15	-2.63127	1	1 NRG3-AS1	-
ENSG00000225739	5.13E-15	-2.63127	1	1 NPM1P18	K11276
ENSG00000225740	5.13E-15	-2.63127	1	1 TCEB1P6	-
ENSG00000225741	5.13E-15	-2.63127	1	1 LL22NC03-88E1.17	-
ENSG00000225742	5.13E-15	-2.63127	1	1 RP11-513G11.4	-
ENSG00000225746	5.13E-15	-2.63127	1	1 AL132709.5	-
ENSG00000225750	5.13E-15	-2.63127	1	1 RP11-242O24.3	-
ENSG00000225752	5.13E-15	-2.63127	1	1 RP1-45I4.2	-
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ENSG00000225758	5.13E-15	-2.63127	1	1 RPS17P17	-
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ENSG00000225761	5.13E-15	-2.63127	1	1 RP11-417O11.5	-
ENSG00000225765	5.13E-15	-2.63127	1	1 AC068535.3	-
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ENSG00000225769	5.13E-15	-2.63127	1	1 CROCCP1	K16469
ENSG00000225770	5.13E-15	-2.63127	1	1 AC092933.3	K02980
ENSG00000225774	5.13E-15	-2.63127	1	1 SIRPAP1	K06551
ENSG00000225775	5.13E-15	-2.63127	1	1 RP11-354I10.1	-
ENSG00000225777	5.13E-15	-2.63127	1	1 DDX39AP1	K13182
ENSG00000225779	5.13E-15	-2.63127	1	1 RP4-603I14.3	-
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ENSG00000225782	5.13E-15	-2.63127	1	1 RP11-322F10.2	-
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ENSG00000225785	5.13E-15	-2.63127	1	1 RP4-583K8.1	-
ENSG00000225786	5.13E-15	-2.63127	1	1 AL590639.1	K04613
ENSG00000225787	5.13E-15	-2.63127	1	1 LSM3P3	K12622
ENSG00000225790	5.13E-15	-2.63127	1	1 RP11-2L8.1	-
ENSG00000225794	5.13E-15	-2.63127	1	1 AC073321.4	-
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ENSG00000225796	5.13E-15	-2.63127	1	1 MTND4P23	K03881
ENSG00000225797	5.13E-15	-2.63127	1	1 UBDP1	K12157
ENSG00000225801	5.13E-15	-2.63127	1	1 RABEPKP1	-
ENSG00000225802	5.13E-15	-2.63127	1	1 RP11-1036E20.10	-

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ENSG00000225807	5.13E-15	-2.63127	1	1 RP11-44M6.1	-
ENSG00000225809	5.13E-15	-2.63127	1	1 RBMY2KP	K12885
ENSG00000225811	5.13E-15	-2.63127	1	1 RP11-547I7.1	-
ENSG00000225812	5.13E-15	-2.63127	1	1 RP11-157L3.3	-
ENSG00000225813	5.13E-15	-2.63127	1	1 AC009299.4	K09228
ENSG00000225814	5.13E-15	-2.63127	1	1 GRPEL2P2	K03687
ENSG00000225815	5.13E-15	-2.63127	1	1 AC092669.6	-
ENSG00000225816	5.13E-15	-2.63127	1	1 AC006045.3	K09191
ENSG00000225818	5.13E-15	-2.63127	1	1 AC118653.2	-
ENSG00000225819	5.13E-15	-2.63127	1	1 AC013269.3	-
ENSG00000225823	5.13E-15	-2.63127	1	1 RPL7P45	K02937
ENSG00000225825	5.13E-15	-2.63127	1	1 IGHD6-25	-
ENSG00000225827	5.13E-15	-2.63127	1	1 SFTPA3P	K10067
ENSG00000225832	5.13E-15	-2.63127	1	1 RP3-348I23.3	K02929
ENSG00000225836	5.13E-15	-2.63127	1	1 RP11-80H5.6	-
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ENSG00000225842	5.13E-15	-2.63127	1	1 AC139712.1	K00682
ENSG00000225843	5.13E-15	-2.63127	1	1 NIPA2P1	-
ENSG00000225846	5.13E-15	-2.63127	1	1 RP11-630D6.1	K02920
ENSG00000225849	5.13E-15	-2.63127	1	1 MKRN7P	K15687
ENSG00000225851	5.13E-15	-2.63127	1	1 HLA-S	-
ENSG00000225856	5.13E-15	-2.63127	1	1 PCNPP2	-
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ENSG00000225860	5.13E-15	-2.63127	1	1 RP11-1018N14.2	-
ENSG00000225864	5.13E-15	-2.63127	1	1 HCG4P11	K06751
ENSG00000225867	5.13E-15	-2.63127	1	1 RP5-1177I5.3	-
ENSG00000225868	5.13E-15	-2.63127	1	1 AC016582.2	-
ENSG00000225869	5.13E-15	-2.63127	1	1 CTB-70D19.1	K09848
ENSG00000225870	5.13E-15	-2.63127	1	1 LINC00368	-
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ENSG00000225873	5.13E-15	-2.63127	1	1 LINC00694	-
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ENSG00000225879	5.13E-15	-2.63127	1	1 RP3-495K2.3	-
ENSG00000225881	5.13E-15	-2.63127	1	1 AC009365.4	-
ENSG00000225882	5.13E-15	-2.63127	1	1 RP3-410B11.1	-
ENSG00000225884	5.13E-15	-2.63127	1	1 AC098872.3	-
ENSG00000225885	5.13E-15	-2.63127	1	1 AC023590.1	-
ENSG00000225886	5.13E-15	-2.63127	1	1 RP11-288L9.4	-
ENSG00000225889	5.13E-15	-2.63127	1	1 AC074289.1	-
ENSG00000225891	5.13E-15	-2.63127	1	1 RP3-476K8.3	-
ENSG00000225893	5.13E-15	-2.63127	1	1 RP11-6J24.3	K02991
ENSG00000225894	5.13E-15	-2.63127	1	1 PPP1R26P2	K17565
ENSG00000225895	5.13E-15	-2.63127	1	1 TRAPPC2P8	-
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ENSG00000225898	5.13E-15	-2.63127	1	1 AC002075.3	-
ENSG00000225899	5.13E-15	-2.63127	1	1 FRG2B	-
ENSG00000225900	5.13E-15	-2.63127	1	1 HSPE1P13	K04078
ENSG00000225901	5.13E-15	-2.63127	1	1 MTND2P9	K03879
ENSG00000225903	5.13E-15	-2.63127	1	1 RP1-144F13.3	-
ENSG00000225904	5.13E-15	-2.63127	1	1 MORF4L1P7	-
ENSG00000225905	5.13E-15	-2.63127	1	1 RP4-758J18.7	-
ENSG00000225906	5.13E-15	-2.63127	1	1 AP000949.1	-
ENSG00000225907	5.13E-15	-2.63127	1	1 RPS27P16	K02978
ENSG00000225911	5.13E-15	-2.63127	1	1 AC009310.1	-

ENSG00000225914	5.13E-15	-2.63127	1	1 XXbac-BPG154L12.	_
ENSG00000225916	5.13E-15	-2.63127	1	1 AC007879.4	-
ENSG00000225918	5.13E-15	-2.63127	1	1 RPL7P59	K02937
ENSG00000225919	5.13E-15	-2.63127	1	1 RP11-66A2.1	-
ENSG00000225922	5.13E-15	-2.63127	1	1 RP11-57G10.1	K02889
ENSG00000225923	5.13E-15	-2.63127	1	1 RP4-736I12.1	-
ENSG00000225924	5.13E-15	-2.63127	1	1 RP1-111D6.2	-
ENSG00000225925	5.13E-15	-2.63127	1	1 RP13-313G19.2	K16739
ENSG00000225928	5.13E-15	-2.63127	1	1 CACYBPP1	K04507
ENSG00000225929	5.13E-15	-2.63127	1	1 AC000036.4	-
ENSG00000225930	5.13E-15	-2.63127	1	1 AC026150.5	-
ENSG00000225931	5.13E-15	-2.63127	1	1 RP3-395M20.7	-
ENSG00000225932	5.13E-15	-2.63127	1	1 CTAGE4	-
ENSG00000225933	5.13E-15	-2.63127	1	1 AC133965.1	K02955
ENSG00000225934	5.13E-15	-2.63127	1	1 RP4-566D2.1	-
ENSG00000225935	5.13E-15	-2.63127	1	1 BANF1P5	-
ENSG00000225936	5.13E-15	-2.63127	1	1 RP11-501J20.5	-
ENSG00000225937	5.13E-15	-2.63127	1	1 PCA3	-
ENSG00000225938	5.13E-15	-2.63127	1	1 RP4-575N6.4	-
ENSG00000225940	5.13E-15	-2.63127	1	1 AC022431.2	-
ENSG00000225942	5.13E-15	-2.63127	1	1 AC093326.2	-
ENSG00000225943	5.13E-15	-2.63127	1	1 AC016907.2	-
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ENSG00000225947	5.13E-15	-2.63127	1	1 RP11-313E4.1	K02951
ENSG00000225948	5.13E-15	-2.63127	1	1 RP11-554I8.1	-
ENSG00000225949	5.13E-15	-2.63127	1	1 RP3-358H7.1	-
ENSG00000225952	5.13E-15	-2.63127	1	1 RP11-69E9.1	-
ENSG00000225956	5.13E-15	-2.63127	1	1 RP5-1077I2.3	-
ENSG00000225957	5.13E-15	-2.63127	1	1 CTD-2267G17.2	-
ENSG00000225959	5.13E-15	-2.63127	1	1 MTND4P3	-
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ENSG00000225962	5.13E-15	-2.63127	1	1 RP11-459A10.2	-
ENSG00000225965	5.13E-15	-2.63127	1	1 RP11-508N22.6	-
ENSG00000225970	5.13E-15	-2.63127	1	1 RP3-526F5.2	-
ENSG00000225971	5.13E-15	-2.63127	1	1 CTA-85E5.6	K02984
ENSG00000225974	5.13E-15	-2.63127	1	1 AC005550.5	-
ENSG00000225978	5.13E-15	-2.63127	1	1 HAR1A	-
ENSG00000225979	5.13E-15	-2.63127	1	1 AC010746.3	-
ENSG00000225980	5.13E-15	-2.63127	1	1 OR7E19P	K04257
ENSG00000225982	5.13E-15	-2.63127	1	1 RP11-538D16.3	-
ENSG00000225984	5.13E-15	-2.63127	1	1 HMGB1P26	K10802
ENSG00000225986	5.13E-15	-2.63127	1	1 UBXM10-AS1	-
ENSG00000225988	5.13E-15	-2.63127	1	1 RP5-1119D9.4	-
ENSG00000225990	5.13E-15	-2.63127	1	1 SNRPEP7	K11097
ENSG00000225991	5.13E-15	-2.63127	1	1 RP11-731I19.1	K02893
ENSG00000225992	5.13E-15	-2.63127	1	1 TRGVA	-
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ENSG00000225996	5.13E-15	-2.63127	1	1 AL356356.1	K15225
ENSG00000225997	5.13E-15	-2.63127	1	1 OR4A8P	K04257
ENSG00000225999	5.13E-15	-2.63127	1	1 NDUFA12P1	-
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ENSG00000226004	5.13E-15	-2.63127	1	1 RP11-10J5.1	-
ENSG00000226005	5.13E-15	-2.63127	1	1 RP11-464C19.3	-
ENSG00000226007	5.13E-15	-2.63127	1	1 RP11-211N8.2	-
ENSG00000226010	5.13E-15	-2.63127	1	1 RP11-403E24.1	K09228
ENSG00000226011	5.13E-15	-2.63127	1	1 OFD1P1Y	K16480
ENSG00000226012	5.13E-15	-2.63127	1	1 AP001434.2	-
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ENSG00000226023	5.13E-15	-2.63127	1	1 CT47A6	_
ENSG00000226024	5.13E-15	-2.63127	1	1 COX5BP7	_
ENSG00000226025	5.13E-15	-2.63127	1	1 LGALS17A	K13334
ENSG00000226028	5.13E-15	-2.63127	1	1 PFN1P12	K05759
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ENSG00000226031	5.13E-15	-2.63127	1	1 FGF13-AS1	_
ENSG00000226032	5.13E-15	-2.63127	1	1 RP1-111C20.3	_
ENSG00000226034	5.13E-15	-2.63127	1	1 NANOGNBP1	_
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ENSG00000226037	5.13E-15	-2.63127	1	1 LINC01040	_
ENSG00000226038	5.13E-15	-2.63127	1	1 PPIAP21	K03767
ENSG00000226041	5.13E-15	-2.63127	1	1 AC010745.1	_
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ENSG00000226043	5.13E-15	-2.63127	1	1 AP000705.7	_
ENSG00000226044	5.13E-15	-2.63127	1	1 RP11-463P17.1	_
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ENSG00000226046	5.13E-15	-2.63127	1	1 AC007316.3	K12394
ENSG00000226047	5.13E-15	-2.63127	1	1 RP11-196I18.4	_
ENSG00000226048	5.13E-15	-2.63127	1	1 YBX1P8	_
ENSG00000226051	5.13E-15	-2.63127	1	1 ZNF503-AS1	_
ENSG00000226053	5.13E-15	-2.63127	1	1 RP5-1070A16.1	_
ENSG00000226056	5.13E-15	-2.63127	1	1 MTND4P32	_
ENSG00000226057	5.13E-15	-2.63127	1	1 PHF2P2	K19414
ENSG00000226059	5.13E-15	-2.63127	1	1 HMGB3P20	K11296
ENSG00000226061	5.13E-15	-2.63127	1	1 PCMTD1P1	_
ENSG00000226063	5.13E-15	-2.63127	1	1 AC009531.2	_
ENSG00000226064	5.13E-15	-2.63127	1	1 PGBD4P6	_
ENSG00000226066	5.13E-15	-2.63127	1	1 AC009541.1	_
ENSG00000226067	5.13E-15	-2.63127	1	1 LINC00869	_
ENSG00000226068	5.13E-15	-2.63127	1	1 HNRNPA3P4	K12741
ENSG00000226070	5.13E-15	-2.63127	1	1 RP11-552E20.4	_
ENSG00000226072	5.13E-15	-2.63127	1	1 AC016772.4	_
ENSG00000226075	5.13E-15	-2.63127	1	1 PHKG1P1	K00871
ENSG00000226078	5.13E-15	-2.63127	1	1 RP11-205K6.2	_
ENSG00000226079	5.13E-15	-2.63127	1	1 RP3-399L15.2	_
ENSG00000226080	5.13E-15	-2.63127	1	1 RP11-345J13.1	K02934
ENSG00000226081	5.13E-15	-2.63127	1	1 USP12PX	K11842
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ENSG00000226083	5.13E-15	-2.63127	1	1 SLC39A12-AS1	_
ENSG00000226086	5.13E-15	-2.63127	1	1 EIF3LP3	K15029
ENSG00000226087	5.13E-15	-2.63127	1	1 AC106869.2	_
ENSG00000226089	5.13E-15	-2.63127	1	1 RP1-300G12.2	_
ENSG00000226091	5.13E-15	-2.63127	1	1 LINC00937	_
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ENSG00000226093	5.13E-15	-2.63127	1	1 RPS28P8	_
ENSG00000226094	5.13E-15	-2.63127	1	1 RPL7P3	_
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ENSG00000226097	5.13E-15	-2.63127	1	1 AC099342.1	_
ENSG00000226098	5.13E-15	-2.63127	1	1 RP11-53M11.2	K13280
ENSG00000226101	5.13E-15	-2.63127	1	1 AC007461.2	_
ENSG00000226102	5.13E-15	-2.63127	1	1 SEPT7P3	K16944
ENSG00000226107	5.13E-15	-2.63127	1	1 AC004383.3	K02929
ENSG00000226108	5.13E-15	-2.63127	1	1 RP11-104G3.5	K07915
ENSG00000226110	5.13E-15	-2.63127	1	1 RP11-272G22.2	K02953

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ENSG00000226113	5.13E-15	-2.63127	1	1 RP11-672F9.1	-
ENSG00000226114	5.13E-15	-2.63127	1	1 AC111200.8	K03960
ENSG00000226115	5.13E-15	-2.63127	1	1 AP001476.3	-
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ENSG00000226117	5.13E-15	-2.63127	1	1 AC079199.2	K02924
ENSG00000226118	5.13E-15	-2.63127	1	1 MTND3P1	-
ENSG00000226119	5.13E-15	-2.63127	1	1 RP1-197J16.2	-
ENSG00000226122	5.13E-15	-2.63127	1	1 AC018705.5	-
ENSG00000226125	5.13E-15	-2.63127	1	1 AC098823.3	-
ENSG00000226126	5.13E-15	-2.63127	1	1 PSMC1P12	K03062
ENSG00000226128	5.13E-15	-2.63127	1	1 RPL26P9	-
ENSG00000226129	5.13E-15	-2.63127	1	1 RP11-157L3.5	-
ENSG00000226130	5.13E-15	-2.63127	1	1 AC013248.2	-
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ENSG00000226132	5.13E-15	-2.63127	1	1 RPS3AP46	-
ENSG00000226133	5.13E-15	-2.63127	1	1 RP4-683M8.2	-
ENSG00000226134	5.13E-15	-2.63127	1	1 RP11-120E13.1	-
ENSG00000226138	5.13E-15	-2.63127	1	1 RP1-228P16.7	K02151
ENSG00000226140	5.13E-15	-2.63127	1	1 RP11-461K13.1	-
ENSG00000226142	5.13E-15	-2.63127	1	1 RPL35P8	K02918
ENSG00000226143	5.13E-15	-2.63127	1	1 RP1-138B7.5	-
ENSG00000226144	5.13E-15	-2.63127	1	1 RPS27AP3	K02977
ENSG00000226147	5.13E-15	-2.63127	1	1 TUBBP10	K07375
ENSG00000226149	5.13E-15	-2.63127	1	1 RP1-69D17.4	-
ENSG00000226157	5.13E-15	-2.63127	1	1 OR52E3P	K04257
ENSG00000226158	5.13E-15	-2.63127	1	1 CLCP2	K13334
ENSG00000226159	5.13E-15	-2.63127	1	1 RP11-478K7.2	-
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ENSG00000226161	5.13E-15	-2.63127	1	1 EIF4A1P5	K03257
ENSG00000226163	5.13E-15	-2.63127	1	1 RP11-167P22.3	-
ENSG00000226164	5.13E-15	-2.63127	1	1 FGFR3P6	-
ENSG00000226166	5.13E-15	-2.63127	1	1 RP11-474O21.2	-
ENSG00000226168	5.13E-15	-2.63127	1	1 RP11-564C4.4	-
ENSG00000226169	5.13E-15	-2.63127	1	1 RP11-375H17.1	-
ENSG00000226170	5.13E-15	-2.63127	1	1 U82671.12	-
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ENSG00000226174	5.13E-15	-2.63127	1	1 TEX22	K11660
ENSG00000226181	5.13E-15	-2.63127	1	1 RP1-92C8.3	-
ENSG00000226183	5.13E-15	-2.63127	1	1 RANP7	K07936
ENSG00000226185	5.13E-15	-2.63127	1	1 TRIM64FP	K12019
ENSG00000226186	5.13E-15	-2.63127	1	1 TCEB1P21	K03872
ENSG00000226188	5.13E-15	-2.63127	1	1 HNRNPA1P3	K12741
ENSG00000226191	5.13E-15	-2.63127	1	1 RP11-438H8.8	K08823
ENSG00000226194	5.13E-15	-2.63127	1	1 RP1-137D17.1	-
ENSG00000226196	5.13E-15	-2.63127	1	1 RP11-373J16.2	K00134
ENSG00000226197	5.13E-15	-2.63127	1	1 RP11-536O18.1	-
ENSG00000226199	5.13E-15	-2.63127	1	1 RP11-12D5.2	-
ENSG00000226202	5.13E-15	-2.63127	1	1 RP11-328D5.1	-
ENSG00000226204	5.13E-15	-2.63127	1	1 AL157359.3	-
ENSG00000226205	5.13E-15	-2.63127	1	1 AC007790.4	K02984
ENSG00000226206	5.13E-15	-2.63127	1	1 RP5-1050E16.2	-
ENSG00000226207	5.13E-15	-2.63127	1	1 RP1-104O17.3	-
ENSG00000226208	5.13E-15	-2.63127	1	1 RP11-99H8.1	-
ENSG00000226209	5.13E-15	-2.63127	1	1 AL138764.1	-
ENSG00000226211	5.13E-15	-2.63127	1	1 RP11-453O22.1	K18708
ENSG00000226212	5.13E-15	-2.63127	1	1 TRGV6	-
ENSG00000226213	5.13E-15	-2.63127	1	1 UBQLN4P2	K04523

ENSG00000226216	5.13E-15	-2.63127	1	1 RPS12P5	K02951
ENSG00000226217	5.13E-15	-2.63127	1	1 RPL19P1	K02885
ENSG00000226218	5.13E-15	-2.63127	1	1 AC079163.1	–
ENSG00000226222	5.13E-15	-2.63127	1	1 RP11-753E22.3	K11252
ENSG00000226223	5.13E-15	-2.63127	1	1 TSPY16P	K11284
ENSG00000226226	5.13E-15	-2.63127	1	1 SLMO2P1	–
ENSG00000226229	5.13E-15	-2.63127	1	1 RPLPOP1	–
ENSG00000226230	5.13E-15	-2.63127	1	1 AC007237.2	K12165
ENSG00000226233	5.13E-15	-2.63127	1	1 RP1-151B14.9	K02924
ENSG00000226234	5.13E-15	-2.63127	1	1 KRT18P24	K07604
ENSG00000226235	5.13E-15	-2.63127	1	1 LEMD1-AS1	–
ENSG00000226238	5.13E-15	-2.63127	1	1 AC132807.1	–
ENSG00000226240	5.13E-15	-2.63127	1	1 LINC00381	–
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ENSG00000226246	5.13E-15	-2.63127	1	1 KRT18P36	K07604
ENSG00000226249	5.13E-15	-2.63127	1	1 RP11-307P5.2	–
ENSG00000226250	5.13E-15	-2.63127	1	1 LINC00408	–
ENSG00000226252	5.13E-15	-2.63127	1	1 RP1-18D14.7	–
ENSG00000226254	5.13E-15	-2.63127	1	1 PTP4A1P3	–
ENSG00000226255	5.13E-15	-2.63127	1	1 UBE2V2P1	K10704
ENSG00000226261	5.13E-15	-2.63127	1	1 AC064836.3	–
ENSG00000226263	5.13E-15	-2.63127	1	1 ISM1-AS1	–
ENSG00000226270	5.13E-15	-2.63127	1	1 ZNF736P2Y	K09228
ENSG00000226272	5.13E-15	-2.63127	1	1 ARHGAP26-AS1	–
ENSG00000226273	5.13E-15	-2.63127	1	1 AC079305.5	K09561
ENSG00000226276	5.13E-15	-2.63127	1	1 AC093382.1	–
ENSG00000226277	5.13E-15	-2.63127	1	1 AC105393.2	–
ENSG00000226279	5.13E-15	-2.63127	1	1 AC005682.7	K02870
ENSG00000226280	5.13E-15	-2.63127	1	1 RP6-22P16.1	K09228
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ENSG00000226285	5.13E-15	-2.63127	1	1 AC091813.2	K14313
ENSG00000226286	5.13E-15	-2.63127	1	1 RP1-163G9.2	–
ENSG00000226288	5.13E-15	-2.63127	1	1 OR52I2	K04257
ENSG00000226289	5.13E-15	-2.63127	1	1 RP11-57I17.3	–
ENSG00000226292	5.13E-15	-2.63127	1	1 RP11-7G12.1	K02984
ENSG00000226296	5.13E-15	-2.63127	1	1 RP11-71J2.1	–
ENSG00000226297	5.13E-15	-2.63127	1	1 AC007677.2	K02880
ENSG00000226298	5.13E-15	-2.63127	1	1 RAD23BLP	–
ENSG00000226299	5.13E-15	-2.63127	1	1 RP6-29D12.4	K02998
ENSG00000226301	5.13E-15	-2.63127	1	1 PDCL3P1	–
ENSG00000226302	5.13E-15	-2.63127	1	1 RP11-528N21.1	–
ENSG00000226304	5.13E-15	-2.63127	1	1 RP11-435M3.2	–
ENSG00000226307	5.13E-15	-2.63127	1	1 HNRNPDLP1	–
ENSG00000226308	5.13E-15	-2.63127	1	1 RP4-813D12.3	–
ENSG00000226309	5.13E-15	-2.63127	1	1 SMARCE1P2	K11651
ENSG00000226313	5.13E-15	-2.63127	1	1 RP11-585K14.2	K00412
ENSG00000226317	5.13E-15	-2.63127	1	1 LINC00351	–
ENSG00000226320	5.13E-15	-2.63127	1	1 AC018359.1	–
ENSG00000226323	5.13E-15	-2.63127	1	1 AC006150.1	–
ENSG00000226324	5.13E-15	-2.63127	1	1 RP11-115M14.1	–
ENSG00000226327	5.13E-15	-2.63127	1	1 RP11-350G13.1	K02998
ENSG00000226331	5.13E-15	-2.63127	1	1 AC009302.4	K02893
ENSG00000226334	5.13E-15	-2.63127	1	1 RP11-217B7.2	–
ENSG00000226335	5.13E-15	-2.63127	1	1 XXyac-YX155B6.6	–
ENSG00000226336	5.13E-15	-2.63127	1	1 MRPS16P3	–
ENSG00000226337	5.13E-15	-2.63127	1	1 RP11-274B18.4	–
ENSG00000226338	5.13E-15	-2.63127	1	1 AC079150.2	–
ENSG00000226339	5.13E-15	-2.63127	1	1 RPS26P56	K02976

ENSG00000226340	5.13E-15	-2.63127	1	1 AC105402.3	K11839
ENSG00000226341	5.13E-15	-2.63127	1	1 AC062016.2	-
ENSG00000226342	5.13E-15	-2.63127	1	1 NMD3P1	K07562
ENSG00000226344	5.13E-15	-2.63127	1	1 CST12P	-
ENSG00000226345	5.13E-15	-2.63127	1	1 AC083822.2	-
ENSG00000226348	5.13E-15	-2.63127	1	1 VN2R10P	-
ENSG00000226349	5.13E-15	-2.63127	1	1 RP11-145A3.2	-
ENSG00000226353	5.13E-15	-2.63127	1	1 TAF9P1	K18532
ENSG00000226355	5.13E-15	-2.63127	1	1 RP11-65J3.2	-
ENSG00000226356	5.13E-15	-2.63127	1	1 RPS6P20	K02991
ENSG00000226358	5.13E-15	-2.63127	1	1 KRT8P38	K07605
ENSG00000226361	5.13E-15	-2.63127	1	1 TERF1P5	K11110
ENSG00000226362	5.13E-15	-2.63127	1	1 FAM41AY2	-
ENSG00000226363	5.13E-15	-2.63127	1	1 AC009336.24	-
ENSG00000226366	5.13E-15	-2.63127	1	1 AC097463.1	K12871
ENSG00000226367	5.13E-15	-2.63127	1	1 ST7-AS2	-
ENSG00000226368	5.13E-15	-2.63127	1	1 BX088645.2	-
ENSG00000226369	5.13E-15	-2.63127	1	1 USP9YP11	-
ENSG00000226370	5.13E-15	-2.63127	1	1 LINC00375	-
ENSG00000226372	5.13E-15	-2.63127	1	1 DCAF8L1	K11804
ENSG00000226374	5.13E-15	-2.63127	1	1 RP13-614K11.2	-
ENSG00000226375	5.13E-15	-2.63127	1	1 RP3-395P12.2	-
ENSG00000226376	5.13E-15	-2.63127	1	1 RP11-29B9.1	-
ENSG00000226377	5.13E-15	-2.63127	1	1 AC084809.2	-
ENSG00000226380	5.13E-15	-2.63127	1	1 MIR29A	-
ENSG00000226383	5.13E-15	-2.63127	1	1 AC093375.1	-
ENSG00000226387	5.13E-15	-2.63127	1	1 SORCS3-AS1	-
ENSG00000226388	5.13E-15	-2.63127	1	1 ELL2P4	K15183
ENSG00000226389	5.13E-15	-2.63127	1	1 RP11-507K13.4	K06855
ENSG00000226390	5.13E-15	-2.63127	1	1 RP11-358D14.2	-
ENSG00000226392	5.13E-15	-2.63127	1	1 RP4-736H5.1	-
ENSG00000226393	5.13E-15	-2.63127	1	1 IFNA20P	-
ENSG00000226394	5.13E-15	-2.63127	1	1 RP11-413E1.2	K03948
ENSG00000226395	5.13E-15	-2.63127	1	1 RP11-218D6.3	-
ENSG00000226397	5.13E-15	-2.63127	1	1 C12orf77	K08834
ENSG00000226398	5.13E-15	-2.63127	1	1 AC013480.2	-
ENSG00000226400	5.13E-15	-2.63127	1	1 CTD-2269E23.2	K17608
ENSG00000226401	5.13E-15	-2.63127	1	1 RP5-965K10.3	K03323
ENSG00000226405	5.13E-15	-2.63127	1	1 RP5-984P4.1	K10251
ENSG00000226406	5.13E-15	-2.63127	1	1 RBMX2P1	K13107
ENSG00000226407	5.13E-15	-2.63127	1	1 RPL23P11	K02894
ENSG00000226409	5.13E-15	-2.63127	1	1 RP11-735G4.1	-
ENSG00000226410	5.13E-15	-2.63127	1	1 AC104058.1	-
ENSG00000226411	5.13E-15	-2.63127	1	1 CTD-2526L21.2	K00871
ENSG00000226412	5.13E-15	-2.63127	1	1 RP11-476F14.1	-
ENSG00000226414	5.13E-15	-2.63127	1	1 RP11-375A20.1	K00412
ENSG00000226420	5.13E-15	-2.63127	1	1 IGLV3-4	-
ENSG00000226421	5.13E-15	-2.63127	1	1 SLC25A5P5	K05863
ENSG00000226425	5.13E-15	-2.63127	1	1 RP11-348J12.2	-
ENSG00000226426	5.13E-15	-2.63127	1	1 RP11-174J11.1	-
ENSG00000226427	5.13E-15	-2.63127	1	1 HMGN2P7	K11300
ENSG00000226429	5.13E-15	-2.63127	1	1 RP11-111F5.6	-
ENSG00000226430	5.13E-15	-2.63127	1	1 USP17L7	K11845
ENSG00000226431	5.13E-15	-2.63127	1	1 RP11-416N2.3	-
ENSG00000226433	5.13E-15	-2.63127	1	1 AP000290.7	-
ENSG00000226434	5.13E-15	-2.63127	1	1 RP11-1L9.1	-
ENSG00000226435	5.13E-15	-2.63127	1	1 ANKRD18DP	-
ENSG00000226436	5.13E-15	-2.63127	1	1 RP1-22N22.1	K11253

ENSG00000226439	5.13E-15	-2.63127	1	1 RP11-621K7.1	K02951
ENSG00000226441	5.13E-15	-2.63127	1	1 PLCL2-AS1	-
ENSG00000226442	5.13E-15	-2.63127	1	1 AC006037.2	-
ENSG00000226443	5.13E-15	-2.63127	1	1 GAPDHP32	K00134
ENSG00000226444	5.13E-15	-2.63127	1	1 ACTR3BP6	K18584
ENSG00000226446	5.13E-15	-2.63127	1	1 NOTCH2P1	K02599
ENSG00000226447	5.13E-15	-2.63127	1	1 RP11-393J16.4	-
ENSG00000226448	5.13E-15	-2.63127	1	1 RP11-93L14.1	K02936
ENSG00000226449	5.13E-15	-2.63127	1	1 CDY5P	-
ENSG00000226454	5.13E-15	-2.63127	1	1 RP3-462C17.1	-
ENSG00000226455	5.13E-15	-2.63127	1	1 RP3-512E2.2	-
ENSG00000226457	5.13E-15	-2.63127	1	1 RP11-430L17.1	K02891
ENSG00000226461	5.13E-15	-2.63127	1	1 OR10G5P	K04257
ENSG00000226466	5.13E-15	-2.63127	1	1 RPA2P2	K10739
ENSG00000226468	5.13E-15	-2.63127	1	1 AC018641.7	K00948
ENSG00000226470	5.13E-15	-2.63127	1	1 RP11-132E11.3	-
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ENSG00000226474	5.13E-15	-2.63127	1	1 LA16c-2F2.5	K13241
ENSG00000226476	5.13E-15	-2.63127	1	1 RP11-776H12.1	-
ENSG00000226477	5.13E-15	-2.63127	1	1 LL22NC03-84E4.11	-
ENSG00000226480	5.13E-15	-2.63127	1	1 OR7H1P	K04257
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ENSG00000226482	5.13E-15	-2.63127	1	1 ADIPOQ-AS1	-
ENSG00000226483	5.13E-15	-2.63127	1	1 RP5-964H19.2	-
ENSG00000226484	5.13E-15	-2.63127	1	1 RP11-87M18.2	-
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ENSG00000226486	5.13E-15	-2.63127	1	1 LINC01035	-
ENSG00000226487	5.13E-15	-2.63127	1	1 RP4-749H3.2	-
ENSG00000226488	5.13E-15	-2.63127	1	1 AC021021.2	-
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ENSG00000226490	5.13E-15	-2.63127	1	1 AC138647.1	-
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ENSG00000226498	5.13E-15	-2.63127	1	1 RP11-182B22.2	K02998
ENSG00000226500	5.13E-15	-2.63127	1	1 RP11-196G18.1	K06689
ENSG00000226501	5.13E-15	-2.63127	1	1 USF1P1	K09106
ENSG00000226502	5.13E-15	-2.63127	1	1 KRT8P27	K07605
ENSG00000226504	5.13E-15	-2.63127	1	1 TMEM167AP1	-
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ENSG00000226507	5.13E-15	-2.63127	1	1 IPMKP1	K00915
ENSG00000226508	5.13E-15	-2.63127	1	1 AC104655.3	-
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ENSG00000226510	5.13E-15	-2.63127	1	1 UPK1A-AS1	-
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ENSG00000226516	5.13E-15	-2.63127	1	1 FAM138B	-
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ENSG00000226522	5.13E-15	-2.63127	1	1 AC004744.3	-
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ENSG00000226526	5.13E-15	-2.63127	1	1 RP1-37C10.3	-
ENSG00000226527	5.13E-15	-2.63127	1	1 AP000289.6	-
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ENSG00000226532	5.13E-15	-2.63127	1	1 RP5-1052M9.1	K02942
ENSG00000226533	5.13E-15	-2.63127	1	1 BTBD9-AS1	-
ENSG00000226534	5.13E-15	-2.63127	1	1 KB-1183D5.16	-
ENSG00000226535	5.13E-15	-2.63127	1	1 RP11-417L14.1	K15043
ENSG00000226536	5.13E-15	-2.63127	1	1 SETP15	K11290
ENSG00000226537	5.13E-15	-2.63127	1	1 OR7E33P	K04257

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ENSG00000226541	5.13E-15	-2.63127	1	1 RP11-795J1.2	-
ENSG00000226542	5.13E-15	-2.63127	1	1 AC114814.4	-
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ENSG00000226545	5.13E-15	-2.63127	1	1 RP4-633I8.3	K02901
ENSG00000226546	5.13E-15	-2.63127	1	1 RP11-34H11.5	-
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ENSG00000226554	5.13E-15	-2.63127	1	1 SOGA2P1	-
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ENSG00000226556	5.13E-15	-2.63127	1	1 NPM1P49	K11276
ENSG00000226557	5.13E-15	-2.63127	1	1 TRAF6P1	K03175
ENSG00000226558	5.13E-15	-2.63127	1	1 RP11-213N20.1	-
ENSG00000226565	5.13E-15	-2.63127	1	1 RP11-164O23.5	-
ENSG00000226566	5.13E-15	-2.63127	1	1 RP11-436F21.1	-
ENSG00000226567	5.13E-15	-2.63127	1	1 LINC00606	-
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ENSG00000226571	5.13E-15	-2.63127	1	1 RP11-445F6.2	-
ENSG00000226572	5.13E-15	-2.63127	1	1 SNORD57	-
ENSG00000226573	5.13E-15	-2.63127	1	1 CTA-85E5.7	K02920
ENSG00000226574	5.13E-15	-2.63127	1	1 SPANXA2-OT1	-
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ENSG00000226578	5.13E-15	-2.63127	1	1 RP11-258F22.1	-
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ENSG00000226581	5.13E-15	-2.63127	1	1 RP11-340I6.8	-
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ENSG00000226587	5.13E-15	-2.63127	1	1 RP5-905H7.9	-
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ENSG00000226592	5.13E-15	-2.63127	1	1 AC004911.2	-
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ENSG00000226598	5.13E-15	-2.63127	1	1 AC017060.1	-
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ENSG00000226613	5.13E-15	-2.63127	1	1 GHc-1077H7.2	-
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ENSG00000226616	5.13E-15	-2.63127	1	1 OR52M2P	K04257
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ENSG00000226619	5.13E-15	-2.63127	1	1 RP11-301J16.7	-
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ENSG00000226622	5.13E-15	-2.63127	1	1 AC092155.4	-
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ENSG00000226625	5.13E-15	-2.63127	1	1 RP11-290L7.2	K12840
ENSG00000226626	5.13E-15	-2.63127	1	1 RP11-315I14.5	K14564
ENSG00000226627	5.13E-15	-2.63127	1	1 SHANK2-AS1	-
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ENSG00000226631	5.13E-15	-2.63127	1	1 SLC9A3P3	K12040
ENSG00000226632	5.13E-15	-2.63127	1	1 UBE2V1P1	K10704
ENSG00000226633	5.13E-15	-2.63127	1	1 PPIAP28	K03767
ENSG00000226636	5.13E-15	-2.63127	1	1 RP5-1049N15.2	-
ENSG00000226637	5.13E-15	-2.63127	1	1 RP6-206I17.3	-

ENSG00000226640	5.13E-15	-2.63127	1	1 RP11-21J7.1	-
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ENSG00000226642	5.13E-15	-2.63127	1	1 ACTG1P12	K05692
ENSG00000226643	5.13E-15	-2.63127	1	1 RP11-358H9.1	-
ENSG00000226644	5.13E-15	-2.63127	1	1 RP11-128M1.1	-
ENSG00000226646	5.13E-15	-2.63127	1	1 RPL7P37	K02937
ENSG00000226648	5.13E-15	-2.63127	1	1 RP1-1J6.2	-
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ENSG00000226653	5.13E-15	-2.63127	1	1 OR13Z1P	K04257
ENSG00000226655	5.13E-15	-2.63127	1	1 AC096732.2	-
ENSG00000226658	5.13E-15	-2.63127	1	1 AC005037.4	K02893
ENSG00000226659	5.13E-15	-2.63127	1	1 RP11-137H2.4	-
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ENSG00000226661	5.13E-15	-2.63127	1	1 RP5-1139I1.2	-
ENSG00000226662	5.13E-15	-2.63127	1	1 CHMP1AP1	K12197
ENSG00000226663	5.13E-15	-2.63127	1	1 MTND4P10	-
ENSG00000226664	5.13E-15	-2.63127	1	1 RP4-745E8.2	-
ENSG00000226665	5.13E-15	-2.63127	1	1 SSR1P2	-
ENSG00000226667	5.13E-15	-2.63127	1	1 RP11-292F22.5	-
ENSG00000226668	5.13E-15	-2.63127	1	1 RP11-526D8.7	-
ENSG00000226669	5.13E-15	-2.63127	1	1 RP11-509J21.4	-
ENSG00000226670	5.13E-15	-2.63127	1	1 BCAS2P3	K12861
ENSG00000226671	5.13E-15	-2.63127	1	1 AC005008.3	-
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ENSG00000226675	5.13E-15	-2.63127	1	1 RP11-666A1.3	-
ENSG00000226676	5.13E-15	-2.63127	1	1 RP11-589B3.6	-
ENSG00000226677	5.13E-15	-2.63127	1	1 IGBP1P1	K17606
ENSG00000226679	5.13E-15	-2.63127	1	1 RP13-43E11.1	-
ENSG00000226680	5.13E-15	-2.63127	1	1 RP11-61D3.1	-
ENSG00000226681	5.13E-15	-2.63127	1	1 AC020595.1	-
ENSG00000226683	5.13E-15	-2.63127	1	1 PWWP2AP1	-
ENSG00000226684	5.13E-15	-2.63127	1	1 RP3-418C23.2	-
ENSG00000226685	5.13E-15	-2.63127	1	1 CT47A12	-
ENSG00000226693	5.13E-15	-2.63127	1	1 RP11-412H9.1	K17609
ENSG00000226695	5.13E-15	-2.63127	1	1 ANKRD20A10P	-
ENSG00000226696	5.13E-15	-2.63127	1	1 LENG8-AS1	-
ENSG00000226698	5.13E-15	-2.63127	1	1 RP1-50O24.6	-
ENSG00000226699	5.13E-15	-2.63127	1	1 RP11-122K13.7	-
ENSG00000226700	5.13E-15	-2.63127	1	1 MTND4P25	-
ENSG00000226702	5.13E-15	-2.63127	1	1 AC011306.2	-
ENSG00000226703	5.13E-15	-2.63127	1	1 NPM1P4	K11276
ENSG00000226707	5.13E-15	-2.63127	1	1 RP11-719J20.1	-
ENSG00000226708	5.13E-15	-2.63127	1	1 AC073409.1	-
ENSG00000226709	5.13E-15	-2.63127	1	1 FGF12-AS3	-
ENSG00000226711	5.13E-15	-2.63127	1	1 FAM66C	-
ENSG00000226715	5.13E-15	-2.63127	1	1 RP11-411H5.1	-
ENSG00000226716	5.13E-15	-2.63127	1	1 AL589986.2	-
ENSG00000226717	5.13E-15	-2.63127	1	1 RP11-87N24.2	-
ENSG00000226718	5.13E-15	-2.63127	1	1 SNRPGP8	K11099
ENSG00000226721	5.13E-15	-2.63127	1	1 EEF1DP2	K15410
ENSG00000226722	5.13E-15	-2.63127	1	1 LINC00424	-
ENSG00000226723	5.13E-15	-2.63127	1	1 RP11-142L4.3	K06174
ENSG00000226724	5.13E-15	-2.63127	1	1 RP11-795A2.3	-
ENSG00000226725	5.13E-15	-2.63127	1	1 RP11-493K23.1	-
ENSG00000226726	5.13E-15	-2.63127	1	1 TMEM256P2	-
ENSG00000226729	5.13E-15	-2.63127	1	1 RPL35AP30	K02917
ENSG00000226733	5.13E-15	-2.63127	1	1 RP11-397G17.1	-
ENSG00000226734	5.13E-15	-2.63127	1	1 SNRPGP12	-

ENSG00000226739	5.13E-15	-2.63127	1	1 RP11-347L18.1	-
ENSG00000226740	5.13E-15	-2.63127	1	1 RP11-31L23.3	-
ENSG00000226741	5.13E-15	-2.63127	1	1 CTA-929C8.6	-
ENSG00000226744	5.13E-15	-2.63127	1	1 AC079781.5	K01953
ENSG00000226745	5.13E-15	-2.63127	1	1 RP11-115D7.3	K16548
ENSG00000226746	5.13E-15	-2.63127	1	1 SMCR5	-
ENSG00000226747	5.13E-15	-2.63127	1	1 AC007966.1	-
ENSG00000226750	5.13E-15	-2.63127	1	1 RP11-513D4.3	K10843
ENSG00000226751	5.13E-15	-2.63127	1	1 AF127936.5	-
ENSG00000226753	5.13E-15	-2.63127	1	1 RP11-212D3.2	-
ENSG00000226755	5.13E-15	-2.63127	1	1 VPS25P1	K12189
ENSG00000226757	5.13E-15	-2.63127	1	1 AC079341.1	-
ENSG00000226758	5.13E-15	-2.63127	1	1 DISC1-IT1	-
ENSG00000226759	5.13E-15	-2.63127	1	1 DAB1-AS1	-
ENSG00000226761	5.13E-15	-2.63127	1	1 TAS2R46	K08474
ENSG00000226762	5.13E-15	-2.63127	1	1 RP11-298E9.6	-
ENSG00000226764	5.13E-15	-2.63127	1	1 AC010145.4	-
ENSG00000226765	5.13E-15	-2.63127	1	1 RP11-694D5.1	K02998
ENSG00000226766	5.13E-15	-2.63127	1	1 FABP7P1	K08756
ENSG00000226767	5.13E-15	-2.63127	1	1 RP11-328P23.3	K14958
ENSG00000226769	5.13E-15	-2.63127	1	1 GAPDHP54	-
ENSG00000226770	5.13E-15	-2.63127	1	1 AC000124.1	-
ENSG00000226772	5.13E-15	-2.63127	1	1 CTA-747E2.10	-
ENSG00000226773	5.13E-15	-2.63127	1	1 RP4-775D17.1	K09228
ENSG00000226774	5.13E-15	-2.63127	1	1 RP11-654E17.2	-
ENSG00000226776	5.13E-15	-2.63127	1	1 KRTAP3-4P	-
ENSG00000226777	5.13E-15	-2.63127	1	1 KIAA0125	-
ENSG00000226779	5.13E-15	-2.63127	1	1 NAALADL2-AS2	-
ENSG00000226780	5.13E-15	-2.63127	1	1 RP11-38J22.3	-
ENSG00000226782	5.13E-15	-2.63127	1	1 RP11-706D8.3	-
ENSG00000226783	5.13E-15	-2.63127	1	1 TLK1P1	K08864
ENSG00000226785	5.13E-15	-2.63127	1	1 AC073218.1	-
ENSG00000226786	5.13E-15	-2.63127	1	1 RP1-167F1.2	-
ENSG00000226790	5.13E-15	-2.63127	1	1 HNRNPA3P1	K12741
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ENSG00000226804	5.13E-15	-2.63127	1	1 RP4-675G8.3	K09228
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ENSG00000226814	5.13E-15	-2.63127	1	1 RP3-419C19.2	-
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ENSG00000226819	5.13E-15	-2.63127	1	1 MEIS1-AS3	-
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ENSG00000226825	5.13E-15	-2.63127	1	1 RP11-363D24.1	-
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ENSG00000226828	5.13E-15	-2.63127	1	1 RP11-278H7.1	-
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ENSG00000226831	5.13E-15	-2.63127	1	1 MED15P3	-
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ENSG00000226836	5.13E-15	-2.63127	1	1 RP11-77B22.1	K02912
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ENSG00000226867	5.13E-15	-2.63127	1	1 RP13-77O11.8	K15624
ENSG00000226868	5.13E-15	-2.63127	1	1 RP11-122M14.3	-
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ENSG00000227019	5.13E-15	-2.63127	1	1 OR7E101P	K04257
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ENSG00000227028	5.13E-15	-2.63127	1	1 SLC8A1-AS1	-
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ENSG00000227040	5.13E-15	-2.63127	1	1 RP11-533F5.2	-
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ENSG00000227043	5.13E-15	-2.63127	1	1 RP11-286M16.1	-
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ENSG00000227053	5.13E-15	-2.63127	1	1 RP11-395B7.4	-
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ENSG00000227056	5.13E-15	-2.63127	1	1 RPL6P2	K02934
ENSG00000227058	5.13E-15	-2.63127	1	1 RP13-34L8.7	-
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ENSG00000227067	5.13E-15	-2.63127	1	1 DPPA3P1	-
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ENSG00000227078	5.13E-15	-2.63127	1	1 AC004448.2	-
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ENSG00000227084	5.13E-15	-2.63127	1	1 RP11-144A16.5	-
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ENSG00000227091	5.13E-15	-2.63127	1	1 RP5-1028L10.1	-
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ENSG00000227118	5.13E-15	-2.63127	1	1 BTF3P13	K01527
ENSG00000227120	5.13E-15	-2.63127	1	1 AC009238.7	-
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ENSG00000227139	5.13E-15	-2.63127	1	1 RP11-533N14.3	-
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ENSG00000227143	5.13E-15	-2.63127	1	1 LINC01153	-
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ENSG00000227149	5.13E-15	-2.63127	1	1 AC092156.3	-
ENSG00000227151	5.13E-15	-2.63127	1	1 PRR20D	-
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ENSG00000227157	5.13E-15	-2.63127	1	1 AC068535.2	-
ENSG00000227159	5.13E-15	-2.63127	1	1 DDX11L16	K11273
ENSG00000227160	5.13E-15	-2.63127	1	1 RP1-65P5.1	-
ENSG00000227161	5.13E-15	-2.63127	1	1 AC092755.4	-
ENSG00000227164	5.13E-15	-2.63127	1	1 AL354993.1	-
ENSG00000227165	5.13E-15	-2.63127	1	1 WDR11-AS1	-
ENSG00000227166	5.13E-15	-2.63127	1	1 STSP1	K01131
ENSG00000227167	5.13E-15	-2.63127	1	1 RP11-570H19.2	-
ENSG00000227169	5.13E-15	-2.63127	1	1 RP1-37J18.1	-
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ENSG00000227175	5.13E-15	-2.63127	1	1 RP11-214D15.2	-
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ENSG00000227177	5.13E-15	-2.63127	1	1 AIMP1P2	K15437
ENSG00000227179	5.13E-15	-2.63127	1	1 PGCP1	K01377
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ENSG00000227181	5.13E-15	-2.63127	1	1 RP11-317P15.3	-
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ENSG00000227185	5.13E-15	-2.63127	1	1 RP11-544D21.1	-
ENSG00000227186	5.13E-15	-2.63127	1	1 RP11-77G23.5	-
ENSG00000227187	5.13E-15	-2.63127	1	1 RP11-6C10.1	K02889
ENSG00000227188	5.13E-15	-2.63127	1	1 RP5-1104E15.6	-
ENSG00000227189	5.13E-15	-2.63127	1	1 AC092535.3	-
ENSG00000227192	5.13E-15	-2.63127	1	1 RP1-45I4.3	-
ENSG00000227193	5.13E-15	-2.63127	1	1 RP11-439A17.4	-
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ENSG00000227195	5.13E-15	-2.63127	1	1 MIR663A	-
ENSG00000227196	5.13E-15	-2.63127	1	1 IGHD4-23	-
ENSG00000227198	5.13E-15	-2.63127	1	1 C6orf47-AS1	-
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ENSG00000227205	5.13E-15	-2.63127	1	1 PFN1P9	K05759
ENSG00000227206	5.13E-15	-2.63127	1	1 XXbac-BCX196D17	-
ENSG00000227207	5.13E-15	-2.63127	1	1 RPL31P12	K02910
ENSG00000227208	5.13E-15	-2.63127	1	1 LINC00552	-
ENSG00000227209	5.13E-15	-2.63127	1	1 WARS2P1	-
ENSG00000227211	5.13E-15	-2.63127	1	1 RP5-1100E15.4	K11253
ENSG00000227212	5.13E-15	-2.63127	1	1 PFN1P7	K05759
ENSG00000227213	5.13E-15	-2.63127	1	1 SPATA13-AS1	-
ENSG00000227214	5.13E-15	-2.63127	1	1 HCG15	-
ENSG00000227215	5.13E-15	-2.63127	1	1 RP11-445L13__B.3	-
ENSG00000227216	5.13E-15	-2.63127	1	1 PFN1P5	K05759
ENSG00000227217	5.13E-15	-2.63127	1	1 RP11-367J7.3	-
ENSG00000227224	5.13E-15	-2.63127	1	1 RP11-72H11.1	K02975
ENSG00000227225	5.13E-15	-2.63127	1	1 MTND1P14	K03878
ENSG00000227227	5.13E-15	-2.63127	1	1 AC017101.10	-
ENSG00000227233	5.13E-15	-2.63127	1	1 CICIP17	K16941

ENSG00000227236	5.13E-15	-2.63127	1	1 RP11-365D9.1	K14720
ENSG00000227238	5.13E-15	-2.63127	1	1 TTC39DP	-
ENSG00000227239	5.13E-15	-2.63127	1	1 AL121985.1	-
ENSG00000227240	5.13E-15	-2.63127	1	1 RP11-563D10.1	-
ENSG00000227241	5.13E-15	-2.63127	1	1 AC011998.4	K11187
ENSG00000227242	5.13E-15	-2.63127	1	1 NBPF13P	K16549
ENSG00000227243	5.13E-15	-2.63127	1	1 SLAMF6P1	K16852
ENSG00000227244	5.13E-15	-2.63127	1	1 LINC00845	-
ENSG00000227245	5.13E-15	-2.63127	1	1 RP11-136C24.2	-
ENSG00000227247	5.13E-15	-2.63127	1	1 TRIM60P13	-
ENSG00000227248	5.13E-15	-2.63127	1	1 FAM155A-IT1	-
ENSG00000227249	5.13E-15	-2.63127	1	1 AC000374.1	-
ENSG00000227251	5.13E-15	-2.63127	1	1 TRIM60P9Y	K12029
ENSG00000227254	5.13E-15	-2.63127	1	1 VDAC1P12	K05862
ENSG00000227255	5.13E-15	-2.63127	1	1 CDRT15P2	-
ENSG00000227257	5.13E-15	-2.63127	1	1 RP11-330M2.3	K18751
ENSG00000227259	5.13E-15	-2.63127	1	1 HMGN2P22	K11300
ENSG00000227260	5.13E-15	-2.63127	1	1 AC116035.1	-
ENSG00000227261	5.13E-15	-2.63127	1	1 YWHAZP7	K16197
ENSG00000227262	5.13E-15	-2.63127	1	1 HCG4B	K06751
ENSG00000227264	5.13E-15	-2.63127	1	1 ACTR3BP5	K18584
ENSG00000227265	5.13E-15	-2.63127	1	1 AC073464.4	K13676
ENSG00000227267	5.13E-15	-2.63127	1	1 RP11-305O4.2	-
ENSG00000227269	5.13E-15	-2.63127	1	1 RP11-96L7.2	-
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ENSG00000227271	5.13E-15	-2.63127	1	1 RPL39P25	K02924
ENSG00000227274	5.13E-15	-2.63127	1	1 AC005358.3	-
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ENSG00000227278	5.13E-15	-2.63127	1	1 RP11-656D10.5	-
ENSG00000227279	5.13E-15	-2.63127	1	1 AC015933.2	-
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ENSG00000227283	5.13E-15	-2.63127	1	1 RPL35AP12	-
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ENSG00000227289	5.13E-15	-2.63127	1	1 HSFY3P	-
ENSG00000227291	5.13E-15	-2.63127	1	1 AC092170.1	-
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ENSG00000227294	5.13E-15	-2.63127	1	1 AC016994.2	-
ENSG00000227297	5.13E-15	-2.63127	1	1 RP4-718J7.4	-
ENSG00000227298	5.13E-15	-2.63127	1	1 RP5-905H7.5	K08845
ENSG00000227300	5.13E-15	-2.63127	1	1 KRT16P2	K07604
ENSG00000227301	5.13E-15	-2.63127	1	1 RP11-384P7.5	-
ENSG00000227302	5.13E-15	-2.63127	1	1 SSXP9	K15624
ENSG00000227303	5.13E-15	-2.63127	1	1 GS1-256O22.5	-
ENSG00000227304	5.13E-15	-2.63127	1	1 RP11-791G16.2	K02991
ENSG00000227305	5.13E-15	-2.63127	1	1 RP11-340I6.3	-
ENSG00000227306	5.13E-15	-2.63127	1	1 AP006285.6	-
ENSG00000227308	5.13E-15	-2.63127	1	1 AC009502.4	-
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ENSG00000227310	5.13E-15	-2.63127	1	1 RP11-144G6.10	-
ENSG00000227311	5.13E-15	-2.63127	1	1 RP1-228H13.1	K02889
ENSG00000227312	5.13E-15	-2.63127	1	1 RP11-496D1.2	-
ENSG00000227313	5.13E-15	-2.63127	1	1 RP11-309N24.1	-
ENSG00000227318	5.13E-15	-2.63127	1	1 RP11-282E4.1	K09228
ENSG00000227319	5.13E-15	-2.63127	1	1 RBM22P6	K12872
ENSG00000227325	5.13E-15	-2.63127	1	1 AC021106.1	K06635
ENSG00000227329	5.13E-15	-2.63127	1	1 RP11-258C19.4	K11419
ENSG00000227330	5.13E-15	-2.63127	1	1 AP000998.2	-
ENSG00000227331	5.13E-15	-2.63127	1	1 AC005042.2	K02936

ENSG00000227332	5.13E-15	-2.63127	1	1 RP11-38M15.11	-
ENSG00000227335	5.13E-15	-2.63127	1	1 IGHJ1P	-
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ENSG00000227338	5.13E-15	-2.63127	1	1 RP11-195B3.1	-
ENSG00000227339	5.13E-15	-2.63127	1	1 THRAP3P1	K13112
ENSG00000227342	5.13E-15	-2.63127	1	1 LINC00307	-
ENSG00000227343	5.13E-15	-2.63127	1	1 RPL15P1	K02877
ENSG00000227348	5.13E-15	-2.63127	1	1 MTND5P25	K03883
ENSG00000227349	5.13E-15	-2.63127	1	1 CEACAMP7	K06500
ENSG00000227350	5.13E-15	-2.63127	1	1 RP11-438P9.2	K03767
ENSG00000227351	5.13E-15	-2.63127	1	1 NANOGP6	-
ENSG00000227352	5.13E-15	-2.63127	1	1 ARHGEF7-AS1	-
ENSG00000227353	5.13E-15	-2.63127	1	1 RP11-475I24.6	K07915
ENSG00000227355	5.13E-15	-2.63127	1	1 RP11-162D16.2	-
ENSG00000227356	5.13E-15	-2.63127	1	1 LINC00866	-
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ENSG00000227360	5.13E-15	-2.63127	1	1 RP11-518I13.1	-
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ENSG00000227363	5.13E-15	-2.63127	1	1 AC019172.2	-
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ENSG00000227365	5.13E-15	-2.63127	1	1 AC008060.5	-
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ENSG00000227370	5.13E-15	-2.63127	1	1 RP4-669P10.19	-
ENSG00000227371	5.13E-15	-2.63127	1	1 RP11-3L10.2	-
ENSG00000227374	5.13E-15	-2.63127	1	1 RP11-109A6.3	-
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ENSG00000227382	5.13E-15	-2.63127	1	1 EIF4A2P2	K03257
ENSG00000227383	5.13E-15	-2.63127	1	1 RP11-571F15.2	K02917
ENSG00000227386	5.13E-15	-2.63127	1	1 AC091705.1	-
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ENSG00000227393	5.13E-15	-2.63127	1	1 RP6-127F18.2	-
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ENSG00000227395	5.13E-15	-2.63127	1	1 EIF2AP4	K15026
ENSG00000227397	5.13E-15	-2.63127	1	1 CTD-2526L21.3	K05357
ENSG00000227399	5.13E-15	-2.63127	1	1 RP11-118F2.2	K02889
ENSG00000227400	5.13E-15	-2.63127	1	1 AC012501.2	-
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ENSG00000227404	5.13E-15	-2.63127	1	1 KRT8P20	K07605
ENSG00000227406	5.13E-15	-2.63127	1	1 RNF6P1	-
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ENSG00000227409	5.13E-15	-2.63127	1	1 ZMYM4-AS1	-
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ENSG00000227412	5.13E-15	-2.63127	1	1 STK33P1	-
ENSG00000227415	5.13E-15	-2.63127	1	1 RP1-91G5.3	-
ENSG00000227416	5.13E-15	-2.63127	1	1 RP11-109P14.2	-
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ENSG00000227418	5.13E-15	-2.63127	1	1 PCGEM1	-
ENSG00000227421	5.13E-15	-2.63127	1	1 RP11-476B1.1	-
ENSG00000227423	5.13E-15	-2.63127	1	1 OR10U1P	K04257
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ENSG00000227426	5.13E-15	-2.63127	1	1 VN1R33P	K04614
ENSG00000227427	5.13E-15	-2.63127	1	1 RP1-49C23.1	K00025
ENSG00000227430	5.13E-15	-2.63127	1	1 AC019185.2	K11253
ENSG00000227432	5.13E-15	-2.63127	1	1 AC053503.11	-
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ENSG00000227437	5.13E-15	-2.63127	1	1 RP11-179H18.5	K02995
ENSG00000227438	5.13E-15	-2.63127	1	1 AP001471.1	-
ENSG00000227439	5.13E-15	-2.63127	1	1 TTTY17B	-
ENSG00000227443	5.13E-15	-2.63127	1	1 RP11-344A7.1	-
ENSG00000227444	5.13E-15	-2.63127	1	1 AC007322.5	-
ENSG00000227445	5.13E-15	-2.63127	1	1 OR10R1P	K04257
ENSG00000227447	5.13E-15	-2.63127	1	1 XGPY	-
ENSG00000227449	5.13E-15	-2.63127	1	1 RP11-111F5.5	K04358
ENSG00000227453	5.13E-15	-2.63127	1	1 HNRNPA1P63	K12741
ENSG00000227454	5.13E-15	-2.63127	1	1 MTND4P30	K04613
ENSG00000227455	5.13E-15	-2.63127	1	1 RP11-300M24.1	-
ENSG00000227456	5.13E-15	-2.63127	1	1 LINC00310	-
ENSG00000227462	5.13E-15	-2.63127	1	1 RP11-108B14.4	K06697
ENSG00000227465	5.13E-15	-2.63127	1	1 GPN3P1	K06883
ENSG00000227466	5.13E-15	-2.63127	1	1 RP11-397C12.1	-
ENSG00000227468	5.13E-15	-2.63127	1	1 AL928742.12	-
ENSG00000227469	5.13E-15	-2.63127	1	1 RBM22P8	K12872
ENSG00000227474	5.13E-15	-2.63127	1	1 RP11-295P9.2	K02934
ENSG00000227475	5.13E-15	-2.63127	1	1 RP11-810B23.1	-
ENSG00000227480	5.13E-15	-2.63127	1	1 CCDC148-AS1	-
ENSG00000227481	5.13E-15	-2.63127	1	1 RP11-89N17.2	-
ENSG00000227482	5.13E-15	-2.63127	1	1 RP11-18B16.2	-
ENSG00000227484	5.13E-15	-2.63127	1	1 XX-C283C717.1	-
ENSG00000227485	5.13E-15	-2.63127	1	1 RP11-5P4.2	-
ENSG00000227486	5.13E-15	-2.63127	1	1 RP13-188A5.1	-
ENSG00000227487	5.13E-15	-2.63127	1	1 NCAM1-AS1	-
ENSG00000227488	5.13E-15	-2.63127	1	1 GAGE12D	-
ENSG00000227489	5.13E-15	-2.63127	1	1 AC006458.3	-
ENSG00000227490	5.13E-15	-2.63127	1	1 RP11-157L3.6	-
ENSG00000227491	5.13E-15	-2.63127	1	1 CCNJP1	-
ENSG00000227493	5.13E-15	-2.63127	1	1 RP11-104D21.1	-
ENSG00000227494	5.13E-15	-2.63127	1	1 USP9YP14	K11840
ENSG00000227497	5.13E-15	-2.63127	1	1 PABPC1P6	K13126
ENSG00000227498	5.13E-15	-2.63127	1	1 AC018359.3	-
ENSG00000227499	5.13E-15	-2.63127	1	1 RP11-419M24.4	K04393
ENSG00000227505	5.13E-15	-2.63127	1	1 RP11-434J24.2	-
ENSG00000227507	5.13E-15	-2.63127	1	1 LTB	K03157
ENSG00000227508	5.13E-15	-2.63127	1	1 RP5-894D12.3	-
ENSG00000227509	5.13E-15	-2.63127	1	1 EIF2B5-IT1	-
ENSG00000227510	5.13E-15	-2.63127	1	1 RP11-196P2.1	-
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ENSG00000227512	5.13E-15	-2.63127	1	1 RP11-413M3.4	-
ENSG00000227513	5.13E-15	-2.63127	1	1 AC114755.3	-
ENSG00000227514	5.13E-15	-2.63127	1	1 RP11-709P2.1	K02883
ENSG00000227515	5.13E-15	-2.63127	1	1 C1DP4	K12592
ENSG00000227516	5.13E-15	-2.63127	1	1 RP5-973N23.4	-
ENSG00000227517	5.13E-15	-2.63127	1	1 AC003051.1	-
ENSG00000227518	5.13E-15	-2.63127	1	1 MIR1302-9	-
ENSG00000227519	5.13E-15	-2.63127	1	1 CTA-342B11.1	-
ENSG00000227521	5.13E-15	-2.63127	1	1 RP13-213K19.1	-
ENSG00000227523	5.13E-15	-2.63127	1	1 RPS20P15	K02969
ENSG00000227525	5.13E-15	-2.63127	1	1 RPL7P6	K02937
ENSG00000227531	5.13E-15	-2.63127	1	1 RP11-202G18.1	-
ENSG00000227532	5.13E-15	-2.63127	1	1 AC002542.2	-
ENSG00000227534	5.13E-15	-2.63127	1	1 RP3-323B6.1	K12393
ENSG00000227535	5.13E-15	-2.63127	1	1 RP11-809N15.2	-

ENSG00000227537	5.13E-15	-2.63127	1	1 RP11-215C7.3	—
ENSG00000227538	5.13E-15	-2.63127	1	1 HNRNPPFP1	K12898
ENSG00000227541	5.13E-15	-2.63127	1	1 RP3-525N14.2	—
ENSG00000227544	5.13E-15	-2.63127	1	1 AC018647.3	—
ENSG00000227545	5.13E-15	-2.63127	1	1 RP5-905H7.10	K15100
ENSG00000227547	5.13E-15	-2.63127	1	1 OR4A2P	K04257
ENSG00000227549	5.13E-15	-2.63127	1	1 AC116035.2	—
ENSG00000227550	5.13E-15	-2.63127	1	1 TRBV7-5	K10785
ENSG00000227551	5.13E-15	-2.63127	1	1 USP17L12	K11845
ENSG00000227552	5.13E-15	-2.63127	1	1 RP11-417J8.1	—
ENSG00000227554	5.13E-15	-2.63127	1	1 RP11-444D13.1	—
ENSG00000227555	5.13E-15	-2.63127	1	1 RP11-406A20.4	—
ENSG00000227556	5.13E-15	-2.63127	1	1 RP11-472F19.1	K14191
ENSG00000227557	5.13E-15	-2.63127	1	1 MTND3P9	—
ENSG00000227560	5.13E-15	-2.63127	1	1 RP11-139K1.2	K04491
ENSG00000227562	5.13E-15	-2.63127	1	1 RP11-796I2.1	—
ENSG00000227563	5.13E-15	-2.63127	1	1 RNF11B	K11980
ENSG00000227564	5.13E-15	-2.63127	1	1 LINC00376	—
ENSG00000227568	5.13E-15	-2.63127	1	1 SNX18P26	K17299
ENSG00000227569	5.13E-15	-2.63127	1	1 RP11-266E16.1	—
ENSG00000227573	5.13E-15	-2.63127	1	1 RP5-1166A24.1	K04735
ENSG00000227574	5.13E-15	-2.63127	1	1 RP13-1039J1.3	—
ENSG00000227578	5.13E-15	-2.63127	1	1 RPS3AP53	K02984
ENSG00000227579	5.13E-15	-2.63127	1	1 RP1-35C21.2	—
ENSG00000227583	5.13E-15	-2.63127	1	1 RP11-119F7.3	K02984
ENSG00000227584	5.13E-15	-2.63127	1	1 MTND4P5	—
ENSG00000227585	5.13E-15	-2.63127	1	1 RP11-103C3.2	K15285
ENSG00000227586	5.13E-15	-2.63127	1	1 RP11-162A23.5	K02976
ENSG00000227588	5.13E-15	-2.63127	1	1 CNTN4-AS2	—
ENSG00000227589	5.13E-15	-2.63127	1	1 RP5-1092A11.5	—
ENSG00000227590	5.13E-15	-2.63127	1	1 ATP5G1P5	K02128
ENSG00000227592	5.13E-15	-2.63127	1	1 PIGFP3	K05287
ENSG00000227593	5.13E-15	-2.63127	1	1 RP11-715G18.3	K17080
ENSG00000227597	5.13E-15	-2.63127	1	1 AC019100.7	K05753
ENSG00000227598	5.13E-15	-2.63127	1	1 RP1-167A14.2	—
ENSG00000227599	5.13E-15	-2.63127	1	1 RP4-753D4.2	—
ENSG00000227602	5.13E-15	-2.63127	1	1 RP3-445N2.1	—
ENSG00000227604	5.13E-15	-2.63127	1	1 TOMM22P3	K17769
ENSG00000227607	5.13E-15	-2.63127	1	1 SUMO2P2	K12160
ENSG00000227609	5.13E-15	-2.63127	1	1 TMEM183AP1	—
ENSG00000227610	5.13E-15	-2.63127	1	1 FRMPD3-AS1	—
ENSG00000227611	5.13E-15	-2.63127	1	1 LINC01074	—
ENSG00000227613	5.13E-15	-2.63127	1	1 QRSL1P2	K02433
ENSG00000227616	5.13E-15	-2.63127	1	1 AC063976.1	—
ENSG00000227617	5.13E-15	-2.63127	1	1 CERS6-AS1	—
ENSG00000227621	5.13E-15	-2.63127	1	1 PHBP11	K17080
ENSG00000227623	5.13E-15	-2.63127	1	1 AC073987.2	—
ENSG00000227624	5.13E-15	-2.63127	1	1 SNRPEP3	K11097
ENSG00000227625	5.13E-15	-2.63127	1	1 RP11-520H14.1	—
ENSG00000227627	5.13E-15	-2.63127	1	1 RP1-101K10.6	—
ENSG00000227628	5.13E-15	-2.63127	1	1 RP11-472D17.3	—
ENSG00000227629	5.13E-15	-2.63127	1	1 SLC25A15P1	K15101
ENSG00000227633	5.13E-15	-2.63127	1	1 RBMY2YP	K12885
ENSG00000227634	5.13E-15	-2.63127	1	1 RP11-431K24.3	—
ENSG00000227635	5.13E-15	-2.63127	1	1 USP9YP21	—
ENSG00000227637	5.13E-15	-2.63127	1	1 RP11-242O24.5	—
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ENSG00000227657	5.13E-15	-2.63127	1	1 RP13-483F6.1	-
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ENSG00000227673	5.13E-15	-2.63127	1	1 RP11-243J18.2	-
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ENSG00000227682	5.13E-15	-2.63127	1	1 ATP5A1P2	K02132
ENSG00000227683	5.13E-15	-2.63127	1	1 RP11-445N18.5	-
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ENSG00000227687	5.13E-15	-2.63127	1	1 RP4-681L3.2	-
ENSG00000227688	5.13E-15	-2.63127	1	1 HNRNPA3P2	K12741
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ENSG00000227695	5.13E-15	-2.63127	1	1 DNMBP-AS1	-
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ENSG00000227717	5.13E-15	-2.63127	1	1 RP11-578F21.4	-
ENSG00000227718	5.13E-15	-2.63127	1	1 AC016730.1	-
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ENSG00000227722	5.13E-15	-2.63127	1	1 RP5-1059H15.1	K10427
ENSG00000227723	5.13E-15	-2.63127	1	1 CTA-31J9.2	-
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ENSG00000227734	5.13E-15	-2.63127	1	1 RP11-49L2.1	-
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ENSG00000227743	5.13E-15	-2.63127	1	1 RP4-745K6.1	-
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ENSG00000227751	5.13E-15	-2.63127	1	1 RP1-20B21.4	-
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ENSG00000227778	5.13E-15	-2.63127	1	1 XXyac-YX155B6.2	K16549
ENSG00000227779	5.13E-15	-2.63127	1	1 GS1-164F24.1	K03959
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ENSG00000227925	5.13E-15	-2.63127	1	1 RP11-191N8.2	-
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ENSG00000227938	5.13E-15	-2.63127	1	1 AC104695.4	-
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ENSG00000227940	5.13E-15	-2.63127	1	1 RP11-372M18.1	-
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ENSG00000227945	5.13E-15	-2.63127	1	1 RP11-103C16.2	-
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ENSG00000227950	5.13E-15	-2.63127	1	1 RP11-312B8.2	K02922
ENSG00000227952	5.13E-15	-2.63127	1	1 RPL18AP17	-
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ENSG00000227960	5.13E-15	-2.63127	1	1 RP5-837I24.6	-
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ENSG00000227965	5.13E-15	-2.63127	1	1 AC098592.6	-
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ENSG00000227969	5.13E-15	-2.63127	1	1 NPM1P22	K11276
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ENSG00000227971	5.13E-15	-2.63127	1	1 RP11-600G3.1	K12900
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ENSG00000227997	5.13E-15	-2.63127	1	1 CENPVP2	-
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ENSG00000228002	5.13E-15	-2.63127	1	1 DHX9P1	K13184
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ENSG00000228005	5.13E-15	-2.63127	1	1 AC020743.2	-
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ENSG00000228016	5.13E-15	-2.63127	1	1 RAPGEF4-AS1	-
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ENSG00000228027	5.13E-15	-2.63127	1	1 RP1-251M9.3	-
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ENSG00000228035	5.13E-15	-2.63127	1	1 RP4-663N10.1	-
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ENSG00000228038	5.13E-15	-2.63127	1	1 VN1R51P	-
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ENSG00000228041	5.13E-15	-2.63127	1	1 RP4-581F12.1	K03245
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ENSG00000228048	5.13E-15	-2.63127	1	1 RP11-598C10.1	-
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ENSG00000228053	5.13E-15	-2.63127	1	1 RP11-151F5.2	K02889
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ENSG00000228065	5.13E-15	-2.63127	1	1 RP11-222A11.1	-
ENSG00000228067	5.13E-15	-2.63127	1	1 RP11-61J19.3	-
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ENSG00000228073	5.13E-15	-2.63127	1	1 AC133106.2	-
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ENSG00000228075	5.13E-15	-2.63127	1	1 BOD1L2	-
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ENSG00000228078	5.13E-15	-2.63127	1	1 HLA-U	K06751
ENSG00000228081	5.13E-15	-2.63127	1	1 RP11-385M4.2	K04364
ENSG00000228082	5.13E-15	-2.63127	1	1 RP1-121G13.2	-
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ENSG00000228095	5.13E-15	-2.63127	1	1 RP11-361M4.1	-
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ENSG00000228111	5.13E-15	-2.63127	1	1 TPT1P2	-
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ENSG00000228121	5.13E-15	-2.63127	1	1 PHBP3	K17080
ENSG00000228122	5.13E-15	-2.63127	1	1 MTND1P17	-
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ENSG00000228131	5.13E-15	-2.63127	1	1 IGHD6-6	-
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ENSG00000228133	5.13E-15	-2.63127	1	1 AC099684.1	-
ENSG00000228134	5.13E-15	-2.63127	1	1 AC092578.1	K10704
ENSG00000228135	5.13E-15	-2.63127	1	1 AC073128.10	-
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ENSG00000228139	5.13E-15	-2.63127	1	1 GS1-421I3.4	-
ENSG00000228141	5.13E-15	-2.63127	1	1 AC105339.1	-
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ENSG00000228144	5.13E-15	-2.63127	1	1 TMBIM4	K06890
ENSG00000228151	5.13E-15	-2.63127	1	1 AC004941.3	-
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ENSG00000228155	5.13E-15	-2.63127	1	1 AL589685.1	K18047
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ENSG00000228162	5.13E-15	-2.63127	1	1 AC097713.3	-
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ENSG00000228166	5.13E-15	-2.63127	1	1 MTND1P11	-
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ENSG00000228189	5.13E-15	-2.63127	1	1 RP13-60M5.2	-
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ENSG00000228193	5.13E-15	-2.63127	1	1 TCEB1P14	-
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ENSG00000228325	5.13E-15	-2.63127	1	1 RP11-685N3.1	-
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ENSG00000228343	5.13E-15	-2.63127	1	1 RP11-1148L6.5	-
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ENSG00000228403	5.13E-15	-2.63127	1	1 RP11-563N6.6	-
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ENSG00000228412	5.13E-15	-2.63127	1	1 RP4-625H18.2	-
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ENSG00000228417	5.13E-15	-2.63127	1	1 RP11-549L6.3	-
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ENSG00000228421	5.13E-15	-2.63127	1	1 AC005013.5	-
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ENSG00000228426	5.13E-15	-2.63127	1	1 RP11-402L1.11	-
ENSG00000228427	5.13E-15	-2.63127	1	1 RP5-1091N2.9	-
ENSG00000228429	5.13E-15	-2.63127	1	1 RP5-859M6.1	K02889
ENSG00000228430	5.13E-15	-2.63127	1	1 RP11-15B24.5	-
ENSG00000228431	5.13E-15	-2.63127	1	1 ARL5AP3	-
ENSG00000228432	5.13E-15	-2.63127	1	1 DHFRP2	K00287
ENSG00000228433	5.13E-15	-2.63127	1	1 OR7E23P	K04257
ENSG00000228437	5.13E-15	-2.63127	1	1 RP11-400N13.2	-
ENSG00000228438	5.13E-15	-2.63127	1	1 RP5-859I17.2	-
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ENSG00000228445	5.13E-15	-2.63127	1	1 UGT1A2P	K00699
ENSG00000228450	5.13E-15	-2.63127	1	1 RP1-154J13.3	K19409
ENSG00000228453	5.13E-15	-2.63127	1	1 RPS15AP9	K02957
ENSG00000228459	5.13E-15	-2.63127	1	1 CXorf28	-
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ENSG00000228462	5.13E-15	-2.63127	1	1 RP11-445N18.3	K02966
ENSG00000228464	5.13E-15	-2.63127	1	1 RP11-617O8.1	-
ENSG00000228465	5.13E-15	-2.63127	1	1 TRAPPC2P10	-
ENSG00000228466	5.13E-15	-2.63127	1	1 TUBB4AP1	K07375
ENSG00000228467	5.13E-15	-2.63127	1	1 RP11-402N8.1	-
ENSG00000228471	5.13E-15	-2.63127	1	1 AC018865.11	K14565
ENSG00000228473	5.13E-15	-2.63127	1	1 LIN28AP2	-
ENSG00000228476	5.13E-15	-2.63127	1	1 CSTP1	K13898
ENSG00000228480	5.13E-15	-2.63127	1	1 AC130464.1	-
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ENSG00000228482	5.13E-15	-2.63127	1	1 RP5-859D4.3	-
ENSG00000228484	5.13E-15	-2.63127	1	1 RP11-106M7.1	-
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ENSG00000228495	5.13E-15	-2.63127	1	1 LINC01013	-
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ENSG00000228501	5.13E-15	-2.63127	1	1 RPL15P18	K02877
ENSG00000228503	5.13E-15	-2.63127	1	1 RP11-347D21.2	-
ENSG00000228504	5.13E-15	-2.63127	1	1 RP4-586O15.1	-
ENSG00000228505	5.13E-15	-2.63127	1	1 AC011897.2	-
ENSG00000228509	5.13E-15	-2.63127	1	1 AC006460.2	-
ENSG00000228512	5.13E-15	-2.63127	1	1 RP11-281A20.2	-
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ENSG00000228517	5.13E-15	-2.63127	1	1 CT47A7	-
ENSG00000228518	5.13E-15	-2.63127	1	1 SURF6P1	-
ENSG00000228521	5.13E-15	-2.63127	1	1 AC099552.3	-
ENSG00000228522	5.13E-15	-2.63127	1	1 RP11-236F9.2	K13402
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ENSG00000228526	5.13E-15	-2.63127	1	1 RP3-510D11.1	-
ENSG00000228527	5.13E-15	-2.63127	1	1 RP11-179B15.5	-
ENSG00000228528	5.13E-15	-2.63127	1	1 AC068057.1	-
ENSG00000228530	5.13E-15	-2.63127	1	1 RP11-567B20.1	K03948
ENSG00000228532	5.13E-15	-2.63127	1	1 RP1-241P17.4	K12160
ENSG00000228534	5.13E-15	-2.63127	1	1 RP11-95H8.5	-
ENSG00000228536	5.13E-15	-2.63127	1	1 RP11-392O17.1	-
ENSG00000228537	5.13E-15	-2.63127	1	1 AL353608.1	-
ENSG00000228538	5.13E-15	-2.63127	1	1 AC009411.1	-
ENSG00000228539	5.13E-15	-2.63127	1	1 RP11-526K17.2	-
ENSG00000228541	5.13E-15	-2.63127	1	1 AC093159.1	-
ENSG00000228543	5.13E-15	-2.63127	1	1 GS1-519E5.1	-
ENSG00000228547	5.13E-15	-2.63127	1	1 OR7E26P	K04257
ENSG00000228548	5.13E-15	-2.63127	1	1 ITPKB-AS1	-
ENSG00000228550	5.13E-15	-2.63127	1	1 RP11-483M24.2	-
ENSG00000228551	5.13E-15	-2.63127	1	1 SNRPGP9	K11099
ENSG00000228553	5.13E-15	-2.63127	1	1 RP11-391J2.3	-
ENSG00000228557	5.13E-15	-2.63127	1	1 HSPA8P17	-
ENSG00000228559	5.13E-15	-2.63127	1	1 RP3-340B19.3	-
ENSG00000228561	5.13E-15	-2.63127	1	1 RP11-114M1.1	-
ENSG00000228563	5.13E-15	-2.63127	1	1 AL133247.2	-
ENSG00000228564	5.13E-15	-2.63127	1	1 LINC01005	-
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ENSG00000228567	5.13E-15	-2.63127	1	1 VN1R4	K04614
ENSG00000228568	5.13E-15	-2.63127	1	1 AC006461.2	K02957
ENSG00000228569	5.13E-15	-2.63127	1	1 AC073133.2	-
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ENSG00000228573	5.13E-15	-2.63127	1	1 RP11-279N8.1	-

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ENSG00000228585	5.13E-15	-2.63127	1	1 AC073143.1	-
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ENSG00000228587	5.13E-15	-2.63127	1	1 RP1-41P2.7	-
ENSG00000228590	5.13E-15	-2.63127	1	1 AC007381.3	-
ENSG00000228592	5.13E-15	-2.63127	1	1 AP000459.4	-
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ENSG00000228594	5.13E-15	-2.63127	1	1 C1orf233	-
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ENSG00000228596	5.13E-15	-2.63127	1	1 AC013436.6	-
ENSG00000228597	5.13E-15	-2.63127	1	1 MTND4P1	-
ENSG00000228598	5.13E-15	-2.63127	1	1 MACC1-AS1	-
ENSG00000228599	5.13E-15	-2.63127	1	1 RPL7P52	K02937
ENSG00000228600	5.13E-15	-2.63127	1	1 POLR2CP	K03011
ENSG00000228601	5.13E-15	-2.63127	1	1 RPL39P	K02924
ENSG00000228607	5.13E-15	-2.63127	1	1 CLDN25	K06087
ENSG00000228610	5.13E-15	-2.63127	1	1 GS1-590J15.1	-
ENSG00000228611	5.13E-15	-2.63127	1	1 HNF4GP1	K08037
ENSG00000228613	5.13E-15	-2.63127	1	1 AC144450.1	-
ENSG00000228615	5.13E-15	-2.63127	1	1 AC093166.3	K11506
ENSG00000228616	5.13E-15	-2.63127	1	1 RP11-66N11.7	-
ENSG00000228617	5.13E-15	-2.63127	1	1 RP11-157L3.2	-
ENSG00000228618	5.13E-15	-2.63127	1	1 AC012462.3	-
ENSG00000228622	5.13E-15	-2.63127	1	1 RP1-302D9.1	-
ENSG00000228623	5.13E-15	-2.63127	1	1 ZNF883	-
ENSG00000228626	5.13E-15	-2.63127	1	1 RP11-495P10.9	-
ENSG00000228627	5.13E-15	-2.63127	1	1 GS1-278J22.2	-
ENSG00000228629	5.13E-15	-2.63127	1	1 AC092295.4	-
ENSG00000228634	5.13E-15	-2.63127	1	1 RP4-534N18.2	-
ENSG00000228636	5.13E-15	-2.63127	1	1 RP5-1051H14.2	-
ENSG00000228639	5.13E-15	-2.63127	1	1 AC005152.3	-
ENSG00000228643	5.13E-15	-2.63127	1	1 AC079779.4	-
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ENSG00000228646	5.13E-15	-2.63127	1	1 RPL31P13	K02910
ENSG00000228648	5.13E-15	-2.63127	1	1 RP11-568A7.2	-
ENSG00000228650	5.13E-15	-2.63127	1	1 AC008940.1	-
ENSG00000228651	5.13E-15	-2.63127	1	1 RP11-556E13.1	-
ENSG00000228655	5.13E-15	-2.63127	1	1 AC096558.1	-
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ENSG00000228657	5.13E-15	-2.63127	1	1 RP11-170J3.2	K02893
ENSG00000228658	5.13E-15	-2.63127	1	1 RP11-791O21.5	-
ENSG00000228659	5.13E-15	-2.63127	1	1 RP1-23K20.2	-
ENSG00000228660	5.13E-15	-2.63127	1	1 VN1R35P	K04614
ENSG00000228661	5.13E-15	-2.63127	1	1 AC090587.5	-
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ENSG00000228664	5.13E-15	-2.63127	1	1 RP11-416K24.1	-
ENSG00000228665	5.13E-15	-2.63127	1	1 RP11-20O24.1	K02978
ENSG00000228666	5.13E-15	-2.63127	1	1 KRT18P1	K07604
ENSG00000228667	5.13E-15	-2.63127	1	1 RP11-129O7.2	-
ENSG00000228668	5.13E-15	-2.63127	1	1 TRGV5P	-
ENSG00000228669	5.13E-15	-2.63127	1	1 LINC00448	-
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ENSG00000228675	5.13E-15	-2.63127	1	1 AC006482.1	-
ENSG00000228680	5.13E-15	-2.63127	1	1 AC004692.4	-
ENSG00000228681	5.13E-15	-2.63127	1	1 AC008072.1	K02977
ENSG00000228682	5.13E-15	-2.63127	1	1 RP11-439L8.3	-

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ENSG00000228685	5.13E-15	-2.63127	1	1 RP11-336A10.7	-
ENSG00000228687	5.13E-15	-2.63127	1	1 RP3-419C19.3	-
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ENSG00000228689	5.13E-15	-2.63127	1	1 RP3-335N17.2	-
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ENSG00000228694	5.13E-15	-2.63127	1	1 MTND4P18	K03881
ENSG00000228697	5.13E-15	-2.63127	1	1 RP5-968D22.1	-
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ENSG00000228704	5.13E-15	-2.63127	1	1 RP11-138M12.1	-
ENSG00000228708	5.13E-15	-2.63127	1	1 AL109763.1	-
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ENSG00000228723	5.13E-15	-2.63127	1	1 SRGAP3-AS2	-
ENSG00000228725	5.13E-15	-2.63127	1	1 MTND2P12	K17985
ENSG00000228727	5.13E-15	-2.63127	1	1 SAPCD1	-
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ENSG00000228730	5.13E-15	-2.63127	1	1 RP11-95L3.2	-
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ENSG00000228734	5.13E-15	-2.63127	1	1 RP11-335E6.3	-
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ENSG00000228739	5.13E-15	-2.63127	1	1 RP11-218I7.2	-
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ENSG00000228741	5.13E-15	-2.63127	1	1 RP11-309I15.1	-
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ENSG00000228745	5.13E-15	-2.63127	1	1 CTSLP5	K01365
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ENSG00000228754	5.13E-15	-2.63127	1	1 RP11-534L6.3	K02872
ENSG00000228755	5.13E-15	-2.63127	1	1 PABPC1P8	K13126
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ENSG00000228781	5.13E-15	-2.63127	1	1 RP11-336N8.3	K02889
ENSG00000228783	5.13E-15	-2.63127	1	1 RP11-147I11.1	K11253
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ENSG00000228787	5.13E-15	-2.63127	1	1 NLGN4Y-AS1	-
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ENSG00000228806	5.13E-15	-2.63127	1	1 AC092628.3	-
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ENSG00000228820	5.13E-15	-2.63127	1	1 RPSAP1	K02998
ENSG00000228823	5.13E-15	-2.63127	1	1 RP11-293F5.8	K16549
ENSG00000228825	5.13E-15	-2.63127	1	1 LAMTOR3P1	K04370
ENSG00000228826	5.13E-15	-2.63127	1	1 RP11-344P13.4	-
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ENSG00000228839	5.13E-15	-2.63127	1	1 RP3-400N23.6	-
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ENSG00000228850	5.13E-15	-2.63127	1	1 CDY12P	-
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ENSG00000228853	5.13E-15	-2.63127	1	1 NEGR1-IT1	-
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ENSG00000228857	5.13E-15	-2.63127	1	1 AC104653.1	-
ENSG00000228858	5.13E-15	-2.63127	1	1 RP11-95K23.5	-
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ENSG00000228862	5.13E-15	-2.63127	1	1 RP11-91I20.3	-
ENSG00000228863	5.13E-15	-2.63127	1	1 RP11-404F10.2	-
ENSG00000228865	5.13E-15	-2.63127	1	1 RP11-463P17.3	-
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ENSG00000228871	5.13E-15	-2.63127	1	1 MEP1AP1	K01395
ENSG00000228872	5.13E-15	-2.63127	1	1 AC096664.2	K01647
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ENSG00000228879	5.13E-15	-2.63127	1	1 RP11-439E19.6	K02917
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ENSG00000228886	5.13E-15	-2.63127	1	1 RP11-290D2.3	-
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ENSG00000228902	5.13E-15	-2.63127	1	1 ST6GALNAC2P1	-
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ENSG00000228923	5.13E-15	-2.63127	1	1 AP000355.2	-
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ENSG00000228928	5.13E-15	-2.63127	1	1 AC002069.5	K15043
ENSG00000228930	5.13E-15	-2.63127	1	1 MTCO1P3	K02256

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ENSG00000228939	5.13E-15	-2.63127	1	1 AKT3-IT1	_
ENSG00000228941	5.13E-15	-2.63127	1	1 UBE3AP2	K10587
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ENSG00000228944	5.13E-15	-2.63127	1	1 AC004485.3	_
ENSG00000228945	5.13E-15	-2.63127	1	1 CLUHP2	_
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ENSG00000228951	5.13E-15	-2.63127	1	1 RP11-336A10.4	_
ENSG00000228952	5.13E-15	-2.63127	1	1 RP11-567G11.1	_
ENSG00000228953	5.13E-15	-2.63127	1	1 AC006026.12	_
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ENSG00000228956	5.13E-15	-2.63127	1	1 AC144521.1	_
ENSG00000228957	5.13E-15	-2.63127	1	1 RP11-23J9.3	_
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ENSG00000228959	5.13E-15	-2.63127	1	1 RP5-1121H13.3	_
ENSG00000228961	5.13E-15	-2.63127	1	1 AP000282.3	_
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ENSG00000228966	5.13E-15	-2.63127	1	1 HOMER2P1	K15010
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ENSG00000228971	5.13E-15	-2.63127	1	1 RP11-286B14.1	_
ENSG00000228973	5.13E-15	-2.63127	1	1 AC009955.8	_
ENSG00000228974	5.13E-15	-2.63127	1	1 AC006483.5	_
ENSG00000228979	5.13E-15	-2.63127	1	1 CTD-2501B8.5	K03767
ENSG00000228980	5.13E-15	-2.63127	1	1 RP11-702L6.4	_
ENSG00000228981	5.13E-15	-2.63127	1	1 RP11-364L4.1	K02981
ENSG00000228982	5.13E-15	-2.63127	1	1 RP11-107G24.3	_
ENSG00000228984	5.13E-15	-2.63127	1	1 RP11-101E19.8	K09228
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ENSG00000228986	5.13E-15	-2.63127	1	1 RP13-228J13.8	_
ENSG00000228988	5.13E-15	-2.63127	1	1 RP4-677H15.4	_
ENSG00000228991	5.13E-15	-2.63127	1	1 RP11-318K12.1	K17299
ENSG00000228992	5.13E-15	-2.63127	1	1 RPL5P32	K02932
ENSG00000228995	5.13E-15	-2.63127	1	1 MTND1P9	K03878
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ENSG00000228999	5.13E-15	-2.63127	1	1 AC068490.1	_
ENSG00000229000	5.13E-15	-2.63127	1	1 SEPT7P8	K16944
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ENSG00000229005	5.13E-15	-2.63127	1	1 HNF4A-AS1	_
ENSG00000229009	5.13E-15	-2.63127	1	1 TMPRSS11GP	K18769
ENSG00000229010	5.13E-15	-2.63127	1	1 RP5-979D14.1	_
ENSG00000229011	5.13E-15	-2.63127	1	1 LINC01038	_
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ENSG00000229014	5.13E-15	-2.63127	1	1 RPL30P13	K02908
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ENSG00000229017	5.13E-15	-2.63127	1	1 RP11-439L18.3	_
ENSG00000229019	5.13E-15	-2.63127	1	1 RP11-88I18.3	_
ENSG00000229022	5.13E-15	-2.63127	1	1 RP11-553N16.1	K02934
ENSG00000229023	5.13E-15	-2.63127	1	1 AC067945.3	K07874
ENSG00000229025	5.13E-15	-2.63127	1	1 AP001595.1	_
ENSG00000229027	5.13E-15	-2.63127	1	1 HSFY1P1	_
ENSG00000229029	5.13E-15	-2.63127	1	1 RP11-408A13.1	_

ENSG00000229030	5.13E-15	-2.63127	1	1 RP11-402P6.6	K03948
ENSG00000229031	5.13E-15	-2.63127	1	1 RP11-666G4.1	K02256
ENSG00000229032	5.13E-15	-2.63127	1	1 RP11-91A18.1	K02976
ENSG00000229035	5.13E-15	-2.63127	1	1 SPRR2C	-
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ENSG00000229047	5.13E-15	-2.63127	1	1 AF127577.10	-
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ENSG00000229060	5.13E-15	-2.63127	1	1 RP11-20P5.2	-
ENSG00000229063	5.13E-15	-2.63127	1	1 TRBV23OR9-2	-
ENSG00000229064	5.13E-15	-2.63127	1	1 RP11-746P2.5	-
ENSG00000229065	5.13E-15	-2.63127	1	1 RP11-80I15.4	-
ENSG00000229066	5.13E-15	-2.63127	1	1 AC096649.3	-
ENSG00000229067	5.13E-15	-2.63127	1	1 RP11-91I11.1	K02924
ENSG00000229068	5.13E-15	-2.63127	1	1 TMPOP1	-
ENSG00000229072	5.13E-15	-2.63127	1	1 HMGN2P24	K11300
ENSG00000229079	5.13E-15	-2.63127	1	1 CR848007.5	K09228
ENSG00000229080	5.13E-15	-2.63127	1	1 RP11-291J9.2	-
ENSG00000229083	5.13E-15	-2.63127	1	1 PSMA6P2	K02730
ENSG00000229084	5.13E-15	-2.63127	1	1 LINC00226	-
ENSG00000229086	5.13E-15	-2.63127	1	1 C21orf54	-
ENSG00000229087	5.13E-15	-2.63127	1	1 RP11-32P22.1	K02976
ENSG00000229088	5.13E-15	-2.63127	1	1 MTND1P10	K08857
ENSG00000229089	5.13E-15	-2.63127	1	1 ANKRD20A8P	K17299
ENSG00000229090	5.13E-15	-2.63127	1	1 RP1-232L22__A.1	K09228
ENSG00000229091	5.13E-15	-2.63127	1	1 HSPA8P8	K03283
ENSG00000229093	5.13E-15	-2.63127	1	1 OR51AB1P	-
ENSG00000229101	5.13E-15	-2.63127	1	1 TCEB1P20	K03872
ENSG00000229102	5.13E-15	-2.63127	1	1 RP11-360P21.2	-
ENSG00000229104	5.13E-15	-2.63127	1	1 YY1P2	K09201
ENSG00000229106	5.13E-15	-2.63127	1	1 RP11-4M23.2	K10478
ENSG00000229108	5.13E-15	-2.63127	1	1 AC005550.4	-
ENSG00000229109	5.13E-15	-2.63127	1	1 RP11-439K3.1	-
ENSG00000229110	5.13E-15	-2.63127	1	1 AC006355.3	K12741
ENSG00000229112	5.13E-15	-2.63127	1	1 RP11-690C23.3	K07752
ENSG00000229115	5.13E-15	-2.63127	1	1 RP11-417B4.3	K12624
ENSG00000229116	5.13E-15	-2.63127	1	1 RP11-20J15.3	-
ENSG00000229118	5.13E-15	-2.63127	1	1 AC068491.2	-
ENSG00000229120	5.13E-15	-2.63127	1	1 CYCSP4	K08738
ENSG00000229129	5.13E-15	-2.63127	1	1 ACTG1P2	K05692
ENSG00000229131	5.13E-15	-2.63127	1	1 AC016710.1	-
ENSG00000229133	5.13E-15	-2.63127	1	1 RPS7P4	K02993
ENSG00000229137	5.13E-15	-2.63127	1	1 RP11-101P17.11	-
ENSG00000229138	5.13E-15	-2.63127	1	1 CDY6P	K00653
ENSG00000229140	5.13E-15	-2.63127	1	1 CCDC26	-
ENSG00000229142	5.13E-15	-2.63127	1	1 HCG4P8	K06751
ENSG00000229143	5.13E-15	-2.63127	1	1 AC009480.4	K02898
ENSG00000229145	5.13E-15	-2.63127	1	1 ACTBP1	K05692
ENSG00000229146	5.13E-15	-2.63127	1	1 SNX18P5	K17923
ENSG00000229147	5.13E-15	-2.63127	1	1 SMPD4P2	K12353
ENSG00000229150	5.13E-15	-2.63127	1	1 CRYGEP	-
ENSG00000229151	5.13E-15	-2.63127	1	1 RP11-348F1.3	-
ENSG00000229154	5.13E-15	-2.63127	1	1 KCNQ5-AS1	-

ENSG00000229155	5.13E-15	-2.63127	1	1 RP11-528A4.2	-
ENSG00000229156	5.13E-15	-2.63127	1	1 RP11-250H24.2	-
ENSG00000229159	5.13E-15	-2.63127	1	1 TSPY23P	-
ENSG00000229163	5.13E-15	-2.63127	1	1 NAP1L1P2	K11279
ENSG00000229164	5.13E-15	-2.63127	1	1 TRAC	-
ENSG00000229165	5.13E-15	-2.63127	1	1 GDI2P1	K17255
ENSG00000229169	5.13E-15	-2.63127	1	1 RP11-247I13.6	-
ENSG00000229172	5.13E-15	-2.63127	1	1 AC073065.3	K04613
ENSG00000229173	5.13E-15	-2.63127	1	1 AC108059.4	K00797
ENSG00000229175	5.13E-15	-2.63127	1	1 LINC00382	-
ENSG00000229177	5.13E-15	-2.63127	1	1 AC008154.5	-
ENSG00000229182	5.13E-15	-2.63127	1	1 MRPS16P1	K02959
ENSG00000229183	5.13E-15	-2.63127	1	1 PGA4	K06002
ENSG00000229188	5.13E-15	-2.63127	1	1 RP4-553F4.2	-
ENSG00000229190	5.13E-15	-2.63127	1	1 RP11-390B4.3	-
ENSG00000229192	5.13E-15	-2.63127	1	1 AC004870.3	-
ENSG00000229195	5.13E-15	-2.63127	1	1 AC009495.4	-
ENSG00000229196	5.13E-15	-2.63127	1	1 RP11-775D22.2	-
ENSG00000229197	5.13E-15	-2.63127	1	1 RP11-227H15.7	K02957
ENSG00000229198	5.13E-15	-2.63127	1	1 RP11-12A20.4	-
ENSG00000229200	5.13E-15	-2.63127	1	1 TRBV7-8	-
ENSG00000229201	5.13E-15	-2.63127	1	1 RP5-827O9.1	-
ENSG00000229203	5.13E-15	-2.63127	1	1 AC103564.7	-
ENSG00000229205	5.13E-15	-2.63127	1	1 LINC00200	-
ENSG00000229206	5.13E-15	-2.63127	1	1 RP11-397O4.1	-
ENSG00000229208	5.13E-15	-2.63127	1	1 RBMY2NP	K12885
ENSG00000229209	5.13E-15	-2.63127	1	1 AC073987.1	-
ENSG00000229211	5.13E-15	-2.63127	1	1 RP11-363L24.2	-
ENSG00000229213	5.13E-15	-2.63127	1	1 RP1-118J21.24	-
ENSG00000229217	5.13E-15	-2.63127	1	1 CYCSP11	K08738
ENSG00000229220	5.13E-15	-2.63127	1	1 RP11-47A17.2	K16630
ENSG00000229224	5.13E-15	-2.63127	1	1 AC105398.3	-
ENSG00000229225	5.13E-15	-2.63127	1	1 RP11-5P4.3	-
ENSG00000229226	5.13E-15	-2.63127	1	1 BTF3L4P4	K01527
ENSG00000229227	5.13E-15	-2.63127	1	1 RP11-38L15.2	-
ENSG00000229229	5.13E-15	-2.63127	1	1 AC022201.4	-
ENSG00000229230	5.13E-15	-2.63127	1	1 MT1P3	K14739
ENSG00000229231	5.13E-15	-2.63127	1	1 FEM1AP1	-
ENSG00000229232	5.13E-15	-2.63127	1	1 KRT18P53	K07604
ENSG00000229233	5.13E-15	-2.63127	1	1 AC011891.5	-
ENSG00000229234	5.13E-15	-2.63127	1	1 RBMY1KP	K12885
ENSG00000229236	5.13E-15	-2.63127	1	1 TTTY10	-
ENSG00000229237	5.13E-15	-2.63127	1	1 HMGNI1P37	K11299
ENSG00000229238	5.13E-15	-2.63127	1	1 PPP1R12BP1	K12329
ENSG00000229239	5.13E-15	-2.63127	1	1 RP11-223J15.2	K03231
ENSG00000229240	5.13E-15	-2.63127	1	1 LINC00710	-
ENSG00000229241	5.13E-15	-2.63127	1	1 PNPT1P1	K00962
ENSG00000229242	5.13E-15	-2.63127	1	1 RP5-1111A8.3	-
ENSG00000229243	5.13E-15	-2.63127	1	1 AC098973.1	-
ENSG00000229245	5.13E-15	-2.63127	1	1 RP11-542K23.7	-
ENSG00000229246	5.13E-15	-2.63127	1	1 RP11-521J24.1	-
ENSG00000229247	5.13E-15	-2.63127	1	1 RP11-492M19.3	-
ENSG00000229248	5.13E-15	-2.63127	1	1 WBP2P1	-
ENSG00000229249	5.13E-15	-2.63127	1	1 LINC00446	-
ENSG00000229250	5.13E-15	-2.63127	1	1 USP9YP31	K11840
ENSG00000229254	5.13E-15	-2.63127	1	1 OR8C1P	K04257
ENSG00000229255	5.13E-15	-2.63127	1	1 RP11-407H12.8	-
ENSG00000229257	5.13E-15	-2.63127	1	1 RP11-229P13.22	-

ENSG00000229258	5.13E-15	-2.63127	1	1 RP11-552D8.1	--
ENSG00000229259	5.13E-15	-2.63127	1	1 LRRC37A12P	--
ENSG00000229262	5.13E-15	-2.63127	1	1 RP4-726N1.2	--
ENSG00000229263	5.13E-15	-2.63127	1	1 AC004691.5	--
ENSG00000229266	5.13E-15	-2.63127	1	1 POM121L8P	--
ENSG00000229268	5.13E-15	-2.63127	1	1 PES1P2	K14843
ENSG00000229269	5.13E-15	-2.63127	1	1 RP11-298A8.2	--
ENSG00000229271	5.13E-15	-2.63127	1	1 AC091493.2	--
ENSG00000229272	5.13E-15	-2.63127	1	1 RP11-498J9.2	--
ENSG00000229273	5.13E-15	-2.63127	1	1 RP11-104G3.2	--
ENSG00000229274	5.13E-15	-2.63127	1	1 XXbac-BPG13B8.1C	--
ENSG00000229275	5.13E-15	-2.63127	1	1 LL22NC03-121E8.3	--
ENSG00000229276	5.13E-15	-2.63127	1	1 REV3L-IT1	--
ENSG00000229280	5.13E-15	-2.63127	1	1 RP11-374C13.1	K15410
ENSG00000229281	5.13E-15	-2.63127	1	1 GPR53P	K04324
ENSG00000229283	5.13E-15	-2.63127	1	1 RP5-1125M8.2	--
ENSG00000229286	5.13E-15	-2.63127	1	1 LA16c-4G1.4	--
ENSG00000229287	5.13E-15	-2.63127	1	1 FABP5P4	K08754
ENSG00000229288	5.13E-15	-2.63127	1	1 RP11-1E11.2	K06030
ENSG00000229289	5.13E-15	-2.63127	1	1 AP000431.2	--
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ENSG00000229292	5.13E-15	-2.63127	1	1 RFPL4AL1	--
ENSG00000229294	5.13E-15	-2.63127	1	1 RP5-1044H5.1	--
ENSG00000229297	5.13E-15	-2.63127	1	1 RP11-540H22.2	--
ENSG00000229299	5.13E-15	-2.63127	1	1 RP4-583P15.10	--
ENSG00000229301	5.13E-15	-2.63127	1	1 RP5-905H7.8	--
ENSG00000229302	5.13E-15	-2.63127	1	1 TAF9P2	K18532
ENSG00000229303	5.13E-15	-2.63127	1	1 PPIAP25	K03767
ENSG00000229305	5.13E-15	-2.63127	1	1 RP11-431K24.2	K03242
ENSG00000229306	5.13E-15	-2.63127	1	1 AP001464.4	--
ENSG00000229307	5.13E-15	-2.63127	1	1 LINC00459	--
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ENSG00000229309	5.13E-15	-2.63127	1	1 RP11-452B18.2	--
ENSG00000229310	5.13E-15	-2.63127	1	1 RPP40P1	K14530
ENSG00000229311	5.13E-15	-2.63127	1	1 RP11-475I24.8	--
ENSG00000229312	5.13E-15	-2.63127	1	1 RP11-470P21.2	--
ENSG00000229313	5.13E-15	-2.63127	1	1 RP3-425P12.5	--
ENSG00000229314	5.13E-15	-2.63127	1	1 ORM1	K17308
ENSG00000229315	5.13E-15	-2.63127	1	1 MCHR2-AS1	--
ENSG00000229316	5.13E-15	-2.63127	1	1 HMGB1P45	K10802
ENSG00000229321	5.13E-15	-2.63127	1	1 AC008269.2	--
ENSG00000229322	5.13E-15	-2.63127	1	1 RP5-937E21.1	--
ENSG00000229323	5.13E-15	-2.63127	1	1 RP11-175B12.2	--
ENSG00000229324	5.13E-15	-2.63127	1	1 RP5-1091N2.3	--
ENSG00000229326	5.13E-15	-2.63127	1	1 AC069154.4	K02880
ENSG00000229330	5.13E-15	-2.63127	1	1 AC006947.1	--
ENSG00000229331	5.13E-15	-2.63127	1	1 GK-IT1	--
ENSG00000229332	5.13E-15	-2.63127	1	1 PGBD4P8	--
ENSG00000229335	5.13E-15	-2.63127	1	1 RP1-241P17.1	--
ENSG00000229336	5.13E-15	-2.63127	1	1 AP000568.2	--
ENSG00000229337	5.13E-15	-2.63127	1	1 AC079305.8	--
ENSG00000229338	5.13E-15	-2.63127	1	1 RP11-92C4.4	K00940
ENSG00000229339	5.13E-15	-2.63127	1	1 RP11-193I22.2	--
ENSG00000229343	5.13E-15	-2.63127	1	1 CDY22P	K00653
ENSG00000229345	5.13E-15	-2.63127	1	1 RP11-332M4.1	--
ENSG00000229347	5.13E-15	-2.63127	1	1 RP11-504E21.1	--
ENSG00000229349	5.13E-15	-2.63127	1	1 ACTG1P9	K05692
ENSG00000229351	5.13E-15	-2.63127	1	1 KRTAP9-11P	--

ENSG00000229352	5.13E-15	-2.63127	1	1 AC007563.3	-
ENSG00000229357	5.13E-15	-2.63127	1	1 CYCSP51	K08738
ENSG00000229359	5.13E-15	-2.63127	1	1 PIN1P1	K09578
ENSG00000229360	5.13E-15	-2.63127	1	1 PPP1R2P5	K16833
ENSG00000229361	5.13E-15	-2.63127	1	1 UBTFL7	-
ENSG00000229365	5.13E-15	-2.63127	1	1 RP4-639J15.2	-
ENSG00000229367	5.13E-15	-2.63127	1	1 HMGN2P19	K11300
ENSG00000229369	5.13E-15	-2.63127	1	1 RP13-225O21.5	-
ENSG00000229370	5.13E-15	-2.63127	1	1 AC092635.1	-
ENSG00000229373	5.13E-15	-2.63127	1	1 LINC00452	-
ENSG00000229375	5.13E-15	-2.63127	1	1 USP24P1	K11840
ENSG00000229376	5.13E-15	-2.63127	1	1 CICP3	K16941
ENSG00000229379	5.13E-15	-2.63127	1	1 AC006041.1	-
ENSG00000229380	5.13E-15	-2.63127	1	1 AC147651.5	-
ENSG00000229384	5.13E-15	-2.63127	1	1 HMGB1P16	K10802
ENSG00000229385	5.13E-15	-2.63127	1	1 AC010975.1	-
ENSG00000229386	5.13E-15	-2.63127	1	1 OR8B9P	K04257
ENSG00000229387	5.13E-15	-2.63127	1	1 AC103801.2	K10893
ENSG00000229389	5.13E-15	-2.63127	1	1 CTD-2022H16.1	-
ENSG00000229390	5.13E-15	-2.63127	1	1 MICD	K07985
ENSG00000229391	5.13E-15	-2.63127	1	1 HLA-DRB6	K06752
ENSG00000229395	5.13E-15	-2.63127	1	1 AC013401.1	-
ENSG00000229398	5.13E-15	-2.63127	1	1 RP4-620E11.5	-
ENSG00000229399	5.13E-15	-2.63127	1	1 RP11-378J18.6	K04797
ENSG00000229400	5.13E-15	-2.63127	1	1 RP11-3L21.2	-
ENSG00000229402	5.13E-15	-2.63127	1	1 AL162151.4	-
ENSG00000229403	5.13E-15	-2.63127	1	1 RP4-718N17.2	-
ENSG00000229404	5.13E-15	-2.63127	1	1 LINC00858	-
ENSG00000229405	5.13E-15	-2.63127	1	1 AC092580.1	K02732
ENSG00000229406	5.13E-15	-2.63127	1	1 OFD1P4Y	K16480
ENSG00000229407	5.13E-15	-2.63127	1	1 RP11-12M5.3	-
ENSG00000229413	5.13E-15	-2.63127	1	1 AC018638.1	-
ENSG00000229415	5.13E-15	-2.63127	1	1 SFTA3	-
ENSG00000229416	5.13E-15	-2.63127	1	1 USP9YP8	-
ENSG00000229417	5.13E-15	-2.63127	1	1 NPM1P25	K11276
ENSG00000229418	5.13E-15	-2.63127	1	1 RP11-35J23.1	-
ENSG00000229420	5.13E-15	-2.63127	1	1 RP11-782C8.7	-
ENSG00000229421	5.13E-15	-2.63127	1	1 AC133141.1	K11253
ENSG00000229422	5.13E-15	-2.63127	1	1 RP11-262H14.5	-
ENSG00000229423	5.13E-15	-2.63127	1	1 RPL27AP8	K02900
ENSG00000229424	5.13E-15	-2.63127	1	1 AC007349.4	-
ENSG00000229433	5.13E-15	-2.63127	1	1 RP11-329B9.1	-
ENSG00000229434	5.13E-15	-2.63127	1	1 AC017048.1	-
ENSG00000229435	5.13E-15	-2.63127	1	1 PIP5K1P2	K00889
ENSG00000229436	5.13E-15	-2.63127	1	1 AC073850.6	K04683
ENSG00000229437	5.13E-15	-2.63127	1	1 LINC00366	-
ENSG00000229440	5.13E-15	-2.63127	1	1 RP5-1033K19.2	K08504
ENSG00000229442	5.13E-15	-2.63127	1	1 THEMIS3P	-
ENSG00000229443	5.13E-15	-2.63127	1	1 LINC00433	-
ENSG00000229444	5.13E-15	-2.63127	1	1 RP11-184I16.4	-
ENSG00000229452	5.13E-15	-2.63127	1	1 AC005162.4	-
ENSG00000229453	5.13E-15	-2.63127	1	1 SPINK8	-
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ENSG00000229455	5.13E-15	-2.63127	1	1 RPS10P18	K02947
ENSG00000229456	5.13E-15	-2.63127	1	1 RLIMP1	-
ENSG00000229457	5.13E-15	-2.63127	1	1 AC006227.1	-
ENSG00000229458	5.13E-15	-2.63127	1	1 RP11-202D18.2	-
ENSG00000229459	5.13E-15	-2.63127	1	1 AC023669.1	-

ENSG00000229462	5.13E-15	-2.63127	1	1 AC127383.1	K15443
ENSG00000229463	5.13E-15	-2.63127	1	1 LYST-AS1	-
ENSG00000229464	5.13E-15	-2.63127	1	1 RP11-481A12.6	K02917
ENSG00000229465	5.13E-15	-2.63127	1	1 ACTG1P11	K05692
ENSG00000229466	5.13E-15	-2.63127	1	1 RP11-56I23.1	-
ENSG00000229468	5.13E-15	-2.63127	1	1 AC097635.5	K02924
ENSG00000229471	5.13E-15	-2.63127	1	1 RP11-95K23.7	-
ENSG00000229477	5.13E-15	-2.63127	1	1 FAM90A16P	-
ENSG00000229478	5.13E-15	-2.63127	1	1 ROBO2P1	K06754
ENSG00000229481	5.13E-15	-2.63127	1	1 CTD-2554C21.3	-
ENSG00000229483	5.13E-15	-2.63127	1	1 LINC00362	-
ENSG00000229484	5.13E-15	-2.63127	1	1 RP5-888M10.2	-
ENSG00000229485	5.13E-15	-2.63127	1	1 KSR1P1	K14958
ENSG00000229486	5.13E-15	-2.63127	1	1 RP4-552O12.1	K05638
ENSG00000229489	5.13E-15	-2.63127	1	1 ATP5A1P5	K02132
ENSG00000229492	5.13E-15	-2.63127	1	1 AC004019.10	K11113
ENSG00000229494	5.13E-15	-2.63127	1	1 AC012494.1	-
ENSG00000229495	5.13E-15	-2.63127	1	1 RP11-173D14.3	-
ENSG00000229498	5.13E-15	-2.63127	1	1 AC105053.3	-
ENSG00000229500	5.13E-15	-2.63127	1	1 RPL17P1	K02880
ENSG00000229502	5.13E-15	-2.63127	1	1 RP11-52J3.2	-
ENSG00000229503	5.13E-15	-2.63127	1	1 AC092155.1	K02889
ENSG00000229505	5.13E-15	-2.63127	1	1 RP4-682E18.1	-
ENSG00000229508	5.13E-15	-2.63127	1	1 PHKG1P4	K00871
ENSG00000229509	5.13E-15	-2.63127	1	1 RP11-421E17.4	-
ENSG00000229511	5.13E-15	-2.63127	1	1 RP11-392E22.1	-
ENSG00000229513	5.13E-15	-2.63127	1	1 EIF4EBP1P2	K07205
ENSG00000229515	5.13E-15	-2.63127	1	1 FLT1P1	K05096
ENSG00000229518	5.13E-15	-2.63127	1	1 UBE2V1P3	K10704
ENSG00000229520	5.13E-15	-2.63127	1	1 LINC00404	-
ENSG00000229521	5.13E-15	-2.63127	1	1 MYCBP2-AS2	-
ENSG00000229522	5.13E-15	-2.63127	1	1 RP11-347D21.4	-
ENSG00000229531	5.13E-15	-2.63127	1	1 RP1-102G20.5	-
ENSG00000229532	5.13E-15	-2.63127	1	1 AC105443.2	-
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ENSG00000229543	5.13E-15	-2.63127	1	1 RP11-90J7.2	-
ENSG00000229544	5.13E-15	-2.63127	1	1 NKX1-2	K09309
ENSG00000229546	5.13E-15	-2.63127	1	1 LINC00428	-
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ENSG00000229549	5.13E-15	-2.63127	1	1 TSPY8	K11284
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ENSG00000229551	5.13E-15	-2.63127	1	1 GAPDHP17	-
ENSG00000229553	5.13E-15	-2.63127	1	1 USP9YP17	-
ENSG00000229554	5.13E-15	-2.63127	1	1 RPL21P24	K02889
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ENSG00000229565	5.13E-15	-2.63127	1	1 AC108056.1	-
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ENSG00000229594	5.13E-15	-2.63127	1	1 RP11-167P23.4	-
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ENSG00000229596	5.13E-15	-2.63127	1	1 MYL8P	K12757
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ENSG00000229923	5.13E-15	-2.63127	1	1 RP11-102N11.1	_
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ENSG00000229936	5.13E-15	-2.63127	1	1 RBM22P9	_
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ENSG00000229943	5.13E-15	-2.63127	1	1 RP11-93N20.1	_
ENSG00000229946	5.13E-15	-2.63127	1	1 RP11-368G3.1	K00741
ENSG00000229947	5.13E-15	-2.63127	1	1 RP13-766D20.1	_
ENSG00000229948	5.13E-15	-2.63127	1	1 AC092431.2	K00719
ENSG00000229949	5.13E-15	-2.63127	1	1 AC005094.2	K02910
ENSG00000229952	5.13E-15	-2.63127	1	1 RP6-74O6.3	_
ENSG00000229957	5.13E-15	-2.63127	1	1 RP5-998H6.2	_
ENSG00000229960	5.13E-15	-2.63127	1	1 RP11-278H7.4	_
ENSG00000229961	5.13E-15	-2.63127	1	1 RP11-71G12.1	_
ENSG00000229962	5.13E-15	-2.63127	1	1 AP000221.1	_
ENSG00000229965	5.13E-15	-2.63127	1	1 RP11-118H4.1	K02984
ENSG00000229967	5.13E-15	-2.63127	1	1 RP11-366F6.2	_
ENSG00000229968	5.13E-15	-2.63127	1	1 RP3-393P12.1	K09228
ENSG00000229969	5.13E-15	-2.63127	1	1 RP11-96C23.10	_
ENSG00000229970	5.13E-15	-2.63127	1	1 AC007128.1	_
ENSG00000229971	5.13E-15	-2.63127	1	1 RP5-1119A7.10	_
ENSG00000229972	5.13E-15	-2.63127	1	1 IQCF3	_
ENSG00000229974	5.13E-15	-2.63127	1	1 AC083862.1	_
ENSG00000229975	5.13E-15	-2.63127	1	1 LIPT1P1	K10105

ENSG00000229976	5.13E-15	-2.63127	1	1 RP5-1031J8.1	-
ENSG00000229977	5.13E-15	-2.63127	1	1 AC073264.10	K02898
ENSG00000229978	5.13E-15	-2.63127	1	1 RP13-221M14.3	-
ENSG00000229979	5.13E-15	-2.63127	1	1 U82670.9	K11300
ENSG00000229981	5.13E-15	-2.63127	1	1 RP11-215N21.1	-
ENSG00000229982	5.13E-15	-2.63127	1	1 RP11-515K14.1	K09191
ENSG00000229985	5.13E-15	-2.63127	1	1 RP11-40H20.5	K02882
ENSG00000229986	5.13E-15	-2.63127	1	1 AP001042.1	-
ENSG00000229988	5.13E-15	-2.63127	1	1 HBBP1	K13825
ENSG00000229991	5.13E-15	-2.63127	1	1 AKR1B1P1	K00011
ENSG00000229996	5.13E-15	-2.63127	1	1 AC093585.6	-
ENSG00000230000	5.13E-15	-2.63127	1	1 AC006455.1	K15100
ENSG00000230001	5.13E-15	-2.63127	1	1 RP11-70J12.1	-
ENSG00000230003	5.13E-15	-2.63127	1	1 RP11-217F16.1	-
ENSG00000230006	5.13E-15	-2.63127	1	1 ANKRD36BP2	K17299
ENSG00000230009	5.13E-15	-2.63127	1	1 MTCO2P3	K02261
ENSG00000230010	5.13E-15	-2.63127	1	1 RP4-568F9.6	-
ENSG00000230011	5.13E-15	-2.63127	1	1 CTSLP4	K01365
ENSG00000230013	5.13E-15	-2.63127	1	1 RP11-217B7.3	-
ENSG00000230014	5.13E-15	-2.63127	1	1 LINC00709	-
ENSG00000230015	5.13E-15	-2.63127	1	1 RP11-80B9.4	-
ENSG00000230018	5.13E-15	-2.63127	1	1 RP11-481H12.1	K03767
ENSG00000230019	5.13E-15	-2.63127	1	1 YWHAQP9	-
ENSG00000230022	5.13E-15	-2.63127	1	1 FNTAP2	K05955
ENSG00000230023	5.13E-15	-2.63127	1	1 RP11-10N16.2	-
ENSG00000230024	5.13E-15	-2.63127	1	1 RP11-95P13.1	-
ENSG00000230025	5.13E-15	-2.63127	1	1 AC007967.4	-
ENSG00000230026	5.13E-15	-2.63127	1	1 RP11-382D8.5	K05626
ENSG00000230027	5.13E-15	-2.63127	1	1 RP11-550H2.2	-
ENSG00000230029	5.13E-15	-2.63127	1	1 CDY11P	K00653
ENSG00000230030	5.13E-15	-2.63127	1	1 RP11-505C13.1	-
ENSG00000230031	5.13E-15	-2.63127	1	1 POTE2	K17299
ENSG00000230033	5.13E-15	-2.63127	1	1 RP5-1121A15.3	-
ENSG00000230035	5.13E-15	-2.63127	1	1 RP11-174G17	-
ENSG00000230036	5.13E-15	-2.63127	1	1 AL596137.1	-
ENSG00000230039	5.13E-15	-2.63127	1	1 RP11-314A15.2	-
ENSG00000230040	5.13E-15	-2.63127	1	1 LINC00364	-
ENSG00000230043	5.13E-15	-2.63127	1	1 TMSB4XP6	K05764
ENSG00000230044	5.13E-15	-2.63127	1	1 AC110754.3	K04212
ENSG00000230045	5.13E-15	-2.63127	1	1 FAM90A15P	-
ENSG00000230046	5.13E-15	-2.63127	1	1 BIRC6-AS1	-
ENSG00000230051	5.13E-15	-2.63127	1	1 CTA-929C8.8	-
ENSG00000230052	5.13E-15	-2.63127	1	1 MTND3P2	-
ENSG00000230053	5.13E-15	-2.63127	1	1 RP11-76N22.1	K15501
ENSG00000230056	5.13E-15	-2.63127	1	1 DDX6P1	K12614
ENSG00000230062	5.13E-15	-2.63127	1	1 ANKRD66	-
ENSG00000230063	5.13E-15	-2.63127	1	1 RP11-384C4.6	-
ENSG00000230064	5.13E-15	-2.63127	1	1 RP11-244N20.7	K02889
ENSG00000230065	5.13E-15	-2.63127	1	1 AC010974.3	-
ENSG00000230066	5.13E-15	-2.63127	1	1 FAM197Y3	-
ENSG00000230067	5.13E-15	-2.63127	1	1 HSPD1P6	K04077
ENSG00000230073	5.13E-15	-2.63127	1	1 AC009947.2	-
ENSG00000230077	5.13E-15	-2.63127	1	1 MTAPP2	K00772
ENSG00000230079	5.13E-15	-2.63127	1	1 RP11-535K18.2	K08838
ENSG00000230080	5.13E-15	-2.63127	1	1 AC139143.2	K05692
ENSG00000230081	5.13E-15	-2.63127	1	1 HSPE1P28	K04078
ENSG00000230083	5.13E-15	-2.63127	1	1 AC009237.13	K12019
ENSG00000230086	5.13E-15	-2.63127	1	1 VN1R96P	K04614

ENSG00000230087	5.13E-15	-2.63127	1	1 AC104389.31	K12562
ENSG00000230088	5.13E-15	-2.63127	1	1 KRT16P5	K07604
ENSG00000230090	5.13E-15	-2.63127	1	1 AC108025.2	-
ENSG00000230096	5.13E-15	-2.63127	1	1 RP11-34C15.2	-
ENSG00000230097	5.13E-15	-2.63127	1	1 RP11-460C6.1	K00027
ENSG00000230099	5.13E-15	-2.63127	1	1 TRBV5-4	K10785
ENSG00000230100	5.13E-15	-2.63127	1	1 RP11-344N17.8	-
ENSG00000230101	5.13E-15	-2.63127	1	1 TUBB3P2	K07375
ENSG00000230104	5.13E-15	-2.63127	1	1 AC018712.2	K18710
ENSG00000230105	5.13E-15	-2.63127	1	1 RP11-431N15.2	-
ENSG00000230106	5.13E-15	-2.63127	1	1 AF228730.7	K11095
ENSG00000230110	5.13E-15	-2.63127	1	1 AC005086.1	K12795
ENSG00000230111	5.13E-15	-2.63127	1	1 AC115283.1	K11253
ENSG00000230112	5.13E-15	-2.63127	1	1 RP11-56H7.2	-
ENSG00000230113	5.13E-15	-2.63127	1	1 AC091177.1	-
ENSG00000230114	5.13E-15	-2.63127	1	1 RP11-141A19.2	-
ENSG00000230115	5.13E-15	-2.63127	1	1 TPRG1-AS2	-
ENSG00000230116	5.13E-15	-2.63127	1	1 RP11-163G10.2	K02984
ENSG00000230118	5.13E-15	-2.63127	1	1 AC092569.2	K02877
ENSG00000230119	5.13E-15	-2.63127	1	1 AC123900.2	K08738
ENSG00000230120	5.13E-15	-2.63127	1	1 RP1-90G24.8	-
ENSG00000230121	5.13E-15	-2.63127	1	1 RP11-385N23.1	-
ENSG00000230122	5.13E-15	-2.63127	1	1 ECEL1P3	K09610
ENSG00000230123	5.13E-15	-2.63127	1	1 DLEC1P1	-
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ENSG00000230126	5.13E-15	-2.63127	1	1 FGF12-AS2	-
ENSG00000230130	5.13E-15	-2.63127	1	1 RP5-1189K21.2	-
ENSG00000230131	5.13E-15	-2.63127	1	1 RP11-282I1.1	-
ENSG00000230132	5.13E-15	-2.63127	1	1 RP5-1193P9.2	-
ENSG00000230137	5.13E-15	-2.63127	1	1 RP4-539M6.18	K14709
ENSG00000230138	5.13E-15	-2.63127	1	1 RP11-117D22.2	-
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ENSG00000230142	5.13E-15	-2.63127	1	1 LINC01075	-
ENSG00000230147	5.13E-15	-2.63127	1	1 RP11-305L7.5	K03767
ENSG00000230153	5.13E-15	-2.63127	1	1 AF003626.1	-
ENSG00000230155	5.13E-15	-2.63127	1	1 RP3-477O4.14	-
ENSG00000230156	5.13E-15	-2.63127	1	1 LINC00443	-
ENSG00000230157	5.13E-15	-2.63127	1	1 ATP5G1P1	K02128
ENSG00000230158	5.13E-15	-2.63127	1	1 MTND1P28	-
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ENSG00000230161	5.13E-15	-2.63127	1	1 RP11-62L10.1	-
ENSG00000230162	5.13E-15	-2.63127	1	1 RP11-97N5.2	-
ENSG00000230164	5.13E-15	-2.63127	1	1 MAS1LP1	K04324
ENSG00000230165	5.13E-15	-2.63127	1	1 CTB-1144G6.5	K11481
ENSG00000230166	5.13E-15	-2.63127	1	1 RP11-526K21.2	K02917
ENSG00000230169	5.13E-15	-2.63127	1	1 RPL30P16	K02908
ENSG00000230170	5.13E-15	-2.63127	1	1 HNRNPA1P28	K12741
ENSG00000230171	5.13E-15	-2.63127	1	1 RPL22P18	K02891
ENSG00000230172	5.13E-15	-2.63127	1	1 AC090957.2	-
ENSG00000230173	5.13E-15	-2.63127	1	1 AC006196.1	-
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ENSG00000230178	5.13E-15	-2.63127	1	1 OR4F3	K04257
ENSG00000230180	5.13E-15	-2.63127	1	1 CTD-2542O7.2	K02870
ENSG00000230182	5.13E-15	-2.63127	1	1 RNF10P1	-
ENSG00000230184	5.13E-15	-2.63127	1	1 SMYD3-IT1	-
ENSG00000230186	5.13E-15	-2.63127	1	1 RP5-998N21.7	-

ENSG00000230187	5.13E-15	-2.63127	1	1 RP11-291O7.1	-
ENSG00000230188	5.13E-15	-2.63127	1	1 RP11-405L18.4	K02889
ENSG00000230190	5.13E-15	-2.63127	1	1 AC005518.2	-
ENSG00000230191	5.13E-15	-2.63127	1	1 RP4-725G10.3	K06566
ENSG00000230192	5.13E-15	-2.63127	1	1 AC073387.2	K11867
ENSG00000230194	5.13E-15	-2.63127	1	1 AC000081.2	K02915
ENSG00000230196	5.13E-15	-2.63127	1	1 AC010091.4	K17043
ENSG00000230197	5.13E-15	-2.63127	1	1 RP11-160E2.17	-
ENSG00000230198	5.13E-15	-2.63127	1	1 RPL37P4	K02922
ENSG00000230199	5.13E-15	-2.63127	1	1 RP11-331N16.1	K02928
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ENSG00000230205	5.13E-15	-2.63127	1	1 RP11-631F7.2	-
ENSG00000230208	5.13E-15	-2.63127	1	1 IFNNP1	K05414
ENSG00000230210	5.13E-15	-2.63127	1	1 FAM35EP	-
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ENSG00000230214	5.13E-15	-2.63127	1	1 FTLP18	-
ENSG00000230215	5.13E-15	-2.63127	1	1 EIF2B5-AS1	-
ENSG00000230216	5.13E-15	-2.63127	1	1 HSPB1P2	K04455
ENSG00000230219	5.13E-15	-2.63127	1	1 FAM92A1P2	-
ENSG00000230221	5.13E-15	-2.63127	1	1 RP11-173G21.1	-
ENSG00000230223	5.13E-15	-2.63127	1	1 ATXN8OS	-
ENSG00000230225	5.13E-15	-2.63127	1	1 MTND5P14	K03883
ENSG00000230226	5.13E-15	-2.63127	1	1 RP4-697K14.3	-
ENSG00000230227	5.13E-15	-2.63127	1	1 SIAH1P1	K04506
ENSG00000230228	5.13E-15	-2.63127	1	1 RP11-4M23.4	K11253
ENSG00000230229	5.13E-15	-2.63127	1	1 RP11-90J7.4	-
ENSG00000230231	5.13E-15	-2.63127	1	1 FMO7P	-
ENSG00000230233	5.13E-15	-2.63127	1	1 AF240627.2	-
ENSG00000230237	5.13E-15	-2.63127	1	1 AC010975.2	K04639
ENSG00000230239	5.13E-15	-2.63127	1	1 RP11-108M9.2	-
ENSG00000230240	5.13E-15	-2.63127	1	1 RP11-241I20.1	-
ENSG00000230241	5.13E-15	-2.63127	1	1 RP11-38O23.3	-
ENSG00000230243	5.13E-15	-2.63127	1	1 FKBP1AP3	K09568
ENSG00000230244	5.13E-15	-2.63127	1	1 RAD23BP2	K10839
ENSG00000230245	5.13E-15	-2.63127	1	1 RP11-475I24.7	K04613
ENSG00000230246	5.13E-15	-2.63127	1	1 SPATA31C1	-
ENSG00000230247	5.13E-15	-2.63127	1	1 HNRNPH3P1	K12898
ENSG00000230248	5.13E-15	-2.63127	1	1 RP1-128O3.4	-
ENSG00000230249	5.13E-15	-2.63127	1	1 RP13-824C8.2	K02974
ENSG00000230250	5.13E-15	-2.63127	1	1 RP11-90C4.2	-
ENSG00000230252	5.13E-15	-2.63127	1	1 MTND2P4	-
ENSG00000230255	5.13E-15	-2.63127	1	1 RP11-423O2.1	K02256
ENSG00000230256	5.13E-15	-2.63127	1	1 FGFR10P2P1	-
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ENSG00000230259	5.13E-15	-2.63127	1	1 AC008738.1	K09055
ENSG00000230261	5.13E-15	-2.63127	1	1 OR52J2P	K04257
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ENSG00000230265	5.13E-15	-2.63127	1	1 RP11-702C7.1	-
ENSG00000230266	5.13E-15	-2.63127	1	1 XXYLT1-AS2	-
ENSG00000230268	5.13E-15	-2.63127	1	1 SSU72P8	K15544
ENSG00000230269	5.13E-15	-2.63127	1	1 RP1-40E16.9	-
ENSG00000230271	5.13E-15	-2.63127	1	1 RP11-548K12.5	-
ENSG00000230273	5.13E-15	-2.63127	1	1 AC087163.3	K09699
ENSG00000230274	5.13E-15	-2.63127	1	1 PGAM1P3	K01834
ENSG00000230275	5.13E-15	-2.63127	1	1 SERBP1P4	K13199
ENSG00000230276	5.13E-15	-2.63127	1	1 RP11-373A6.1	-
ENSG00000230281	5.13E-15	-2.63127	1	1 AL590812.3	-
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ENSG00000230283	5.13E-15	-2.63127	1	1 RPS12P24	-
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ENSG00000230285	5.13E-15	-2.63127	1	1 RP11-290M5.2	-
ENSG00000230286	5.13E-15	-2.63127	1	1 AC013472.4	-
ENSG00000230290	5.13E-15	-2.63127	1	1 ARMC2-AS1	-
ENSG00000230292	5.13E-15	-2.63127	1	1 NAALADL2-AS3	-
ENSG00000230294	5.13E-15	-2.63127	1	1 RP13-507P19.2	-
ENSG00000230298	5.13E-15	-2.63127	1	1 RP11-253D19.2	-
ENSG00000230299	5.13E-15	-2.63127	1	1 AC093162.3	K11097
ENSG00000230300	5.13E-15	-2.63127	1	1 STARD13-IT1	-
ENSG00000230301	5.13E-15	-2.63127	1	1 OR5H6	K04257
ENSG00000230302	5.13E-15	-2.63127	1	1 MTND3P4	-
ENSG00000230307	5.13E-15	-2.63127	1	1 OR6C5P	K04257
ENSG00000230309	5.13E-15	-2.63127	1	1 RP3-390M24.1	-
ENSG00000230312	5.13E-15	-2.63127	1	1 LL0XNC01-116E7.4	-
ENSG00000230313	5.13E-15	-2.63127	1	1 HCG24	-
ENSG00000230314	5.13E-15	-2.63127	1	1 ELOVL2-AS1	-
ENSG00000230316	5.13E-15	-2.63127	1	1 FEZF1-AS1	-
ENSG00000230317	5.13E-15	-2.63127	1	1 RP11-104D21.3	-
ENSG00000230318	5.13E-15	-2.63127	1	1 XRCC6P3	K10884
ENSG00000230320	5.13E-15	-2.63127	1	1 RP4-769N13.2	-
ENSG00000230322	5.13E-15	-2.63127	1	1 RP3-323N1.2	-
ENSG00000230323	5.13E-15	-2.63127	1	1 LINC00159	-
ENSG00000230324	5.13E-15	-2.63127	1	1 RP4-705O1.1	-
ENSG00000230326	5.13E-15	-2.63127	1	1 HMG1N1P33	-
ENSG00000230327	5.13E-15	-2.63127	1	1 AC009234.1	K02256
ENSG00000230328	5.13E-15	-2.63127	1	1 RP11-35N6.6	K10497
ENSG00000230331	5.13E-15	-2.63127	1	1 RP5-1068B5.1	K02889
ENSG00000230333	5.13E-15	-2.63127	1	1 AC004538.3	-
ENSG00000230335	5.13E-15	-2.63127	1	1 RP11-159H20.1	-
ENSG00000230338	5.13E-15	-2.63127	1	1 MTND4P19	-
ENSG00000230339	5.13E-15	-2.63127	1	1 RP11-434D2.8	-
ENSG00000230342	5.13E-15	-2.63127	1	1 FANCD2P2	K10891
ENSG00000230343	5.13E-15	-2.63127	1	1 AC018892.8	K12019
ENSG00000230347	5.13E-15	-2.63127	1	1 CT47A8	-
ENSG00000230350	5.13E-15	-2.63127	1	1 RPL35AP3	K02917
ENSG00000230352	5.13E-15	-2.63127	1	1 RP4-614C15.3	-
ENSG00000230353	5.13E-15	-2.63127	1	1 AC114755.2	-
ENSG00000230355	5.13E-15	-2.63127	1	1 AC009474.2	K02928
ENSG00000230356	5.13E-15	-2.63127	1	1 NCAPD2P1	K06677
ENSG00000230360	5.13E-15	-2.63127	1	1 DDX10P2	K14776
ENSG00000230361	5.13E-15	-2.63127	1	1 VN1R32P	-
ENSG00000230362	5.13E-15	-2.63127	1	1 RP11-809F4.2	K05692
ENSG00000230364	5.13E-15	-2.63127	1	1 RPL4P3	K02930
ENSG00000230365	5.13E-15	-2.63127	1	1 RP11-23D5.1	-
ENSG00000230366	5.13E-15	-2.63127	1	1 DSCR9	-
ENSG00000230370	5.13E-15	-2.63127	1	1 AC005007.3	K02893
ENSG00000230371	5.13E-15	-2.63127	1	1 KARSP2	-
ENSG00000230372	5.13E-15	-2.63127	1	1 RP3-425P12.2	-
ENSG00000230375	5.13E-15	-2.63127	1	1 RP11-392A23.4	K00799
ENSG00000230376	5.13E-15	-2.63127	1	1 MEMO1P4	-
ENSG00000230377	5.13E-15	-2.63127	1	1 TCEB1P7	-
ENSG00000230379	5.13E-15	-2.63127	1	1 AP000146.2	-
ENSG00000230381	5.13E-15	-2.63127	1	1 RP4-655J12.5	-
ENSG00000230384	5.13E-15	-2.63127	1	1 AC016739.1	K02998
ENSG00000230385	5.13E-15	-2.63127	1	1 AC012507.4	-
ENSG00000230386	5.13E-15	-2.63127	1	1 RP13-157F18.2	K04608
ENSG00000230390	5.13E-15	-2.63127	1	1 LINC01048	-

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ENSG00000230392	5.13E-15	-2.63127	1	1 RP5-1139I1.1	--
ENSG00000230393	5.13E-15	-2.63127	1	1 AC092667.2	--
ENSG00000230398	5.13E-15	-2.63127	1	1 AC026882.1	--
ENSG00000230400	5.13E-15	-2.63127	1	1 RP11-359G22.2	--
ENSG00000230401	5.13E-15	-2.63127	1	1 AC090505.4	--
ENSG00000230402	5.13E-15	-2.63127	1	1 RP11-84O12.4	--
ENSG00000230403	5.13E-15	-2.63127	1	1 LINC01066	--
ENSG00000230404	5.13E-15	-2.63127	1	1 RP5-855F14.2	--
ENSG00000230405	5.13E-15	-2.63127	1	1 RPS3AP52	K02984
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ENSG00000230407	5.13E-15	-2.63127	1	1 AC018717.2	--
ENSG00000230408	5.13E-15	-2.63127	1	1 AC007163.6	--
ENSG00000230410	5.13E-15	-2.63127	1	1 XXbac-B33L19.6	--
ENSG00000230411	5.13E-15	-2.63127	1	1 OR3D1P	--
ENSG00000230412	5.13E-15	-2.63127	1	1 TCEB1P12	--
ENSG00000230416	5.13E-15	-2.63127	1	1 OR5M4P	K04257
ENSG00000230417	5.13E-15	-2.63127	1	1 LINC00856	--
ENSG00000230418	5.13E-15	-2.63127	1	1 ARL2BPP7	K16742
ENSG00000230423	5.13E-15	-2.63127	1	1 XX-C2158C6.1	--
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ENSG00000230434	5.13E-15	-2.63127	1	1 RP11-14O19.1	--
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ENSG00000230442	5.13E-15	-2.63127	1	1 RP11-390E23.3	--
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ENSG00000230447	5.13E-15	-2.63127	1	1 CTF2P	--
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ENSG00000230450	5.13E-15	-2.63127	1	1 NEK2P4	K08857
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ENSG00000230452	5.13E-15	-2.63127	1	1 AC012457.2	--
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ENSG00000230461	5.13E-15	-2.63127	1	1 PROX1-AS1	--
ENSG00000230465	5.13E-15	-2.63127	1	1 VENTXP4	K08834
ENSG00000230469	5.13E-15	-2.63127	1	1 RPL5P26	K02932
ENSG00000230470	5.13E-15	-2.63127	1	1 GS1-115G20.1	--
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ENSG00000230472	5.13E-15	-2.63127	1	1 RP1-28O17.1	--
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ENSG00000230477	5.13E-15	-2.63127	1	1 AC005034.2	K09303
ENSG00000230478	5.13E-15	-2.63127	1	1 RP1-52D1.1	K00134
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ENSG00000230483	5.13E-15	-2.63127	1	1 AC124057.5	--
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ENSG00000230496	5.13E-15	-2.63127	1	1 AC068137.6	-
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ENSG00000230498	5.13E-15	-2.63127	1	1 RP4-564M11.2	-
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ENSG00000230502	5.13E-15	-2.63127	1	1 CTD-2230M5.1	K15436
ENSG00000230506	5.13E-15	-2.63127	1	1 RP11-416N4.4	-
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ENSG00000230508	5.13E-15	-2.63127	1	1 RPL19P21	K02885
ENSG00000230515	5.13E-15	-2.63127	1	1 AC092580.3	-
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ENSG00000230520	5.13E-15	-2.63127	1	1 RP11-533K11.1	K03246
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ENSG00000230536	5.13E-15	-2.63127	1	1 RP11-379C10.4	-
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ENSG00000230548	5.13E-15	-2.63127	1	1 MTND4P27	-
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ENSG00000230556	5.13E-15	-2.63127	1	1 AC073264.6	-
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ENSG00000230578	5.13E-15	-2.63127	1	1 RP13-228J13.5	K00474
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ENSG00000230584	5.13E-15	-2.63127	1	1 CCT5P2	K09497
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ENSG00000230596	5.13E-15	-2.63127	1	1 AC112229.4	K05289
ENSG00000230597	5.13E-15	-2.63127	1	1 RP3-331H24.4	-
ENSG00000230598	5.13E-15	-2.63127	1	1 OR2H4P	K04257
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ENSG00000230610	5.13E-15	-2.63127	1	1 AL929472.1	-
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ENSG00000230612	5.13E-15	-2.63127	1	1 AC004237.1	-
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ENSG00000230618	5.13E-15	-2.63127	1	1 H3F3AP3	K11253
ENSG00000230621	5.13E-15	-2.63127	1	1 AC080002.1	K12898
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ENSG00000230633	5.13E-15	-2.63127	1	1 RP11-37E23.5	-
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ENSG00000230649	5.13E-15	-2.63127	1	1 AC024084.1	-
ENSG00000230651	5.13E-15	-2.63127	1	1 RGP4D-AS1	-
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ENSG00000230655	5.13E-15	-2.63127	1	1 OR7E55P	K04257
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ENSG00000230659	5.13E-15	-2.63127	1	1 RP11-466F5.9	K02898
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ENSG00000230668	5.13E-15	-2.63127	1	1 XXyac-YR29IB3.1	-
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ENSG00000230680	5.13E-15	-2.63127	1	1 AC004869.2	-
ENSG00000230681	5.13E-15	-2.63127	1	1 CEACAMP4	K06499
ENSG00000230682	5.13E-15	-2.63127	1	1 GRPEL2P3	K03687
ENSG00000230683	5.13E-15	-2.63127	1	1 DDTP1	K10028
ENSG00000230686	5.13E-15	-2.63127	1	1 AC067945.2	-
ENSG00000230687	5.13E-15	-2.63127	1	1 RP5-1114G22.2	-
ENSG00000230690	5.13E-15	-2.63127	1	1 AC013402.5	-
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ENSG00000230695	5.13E-15	-2.63127	1	1 AC012462.1	-
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ENSG00000230702	5.13E-15	-2.63127	1	1 RP11-681L4.1	K02910
ENSG00000230703	5.13E-15	-2.63127	1	1 RP11-293P20.4	-
ENSG00000230704	5.13E-15	-2.63127	1	1 RP1-117P20.3	-
ENSG00000230706	5.13E-15	-2.63127	1	1 RP5-998G20.1	-
ENSG00000230707	5.13E-15	-2.63127	1	1 RP11-364B14.3	-
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ENSG00000230710	5.13E-15	-2.63127	1	1 LINC00332	-
ENSG00000230711	5.13E-15	-2.63127	1	1 CTAGE13P	-
ENSG00000230714	5.13E-15	-2.63127	1	1 RP11-152L7.1	-
ENSG00000230716	5.13E-15	-2.63127	1	1 KRT8P7	K07605
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ENSG00000230725	5.13E-15	-2.63127	1	1 RP4-738P15.1	-
ENSG00000230727	5.13E-15	-2.63127	1	1 RBMY2WP	K12885
ENSG00000230728	5.13E-15	-2.63127	1	1 RP11-240D10.4	-
ENSG00000230729	5.13E-15	-2.63127	1	1 RP11-296L22.8	-
ENSG00000230730	5.13E-15	-2.63127	1	1 AC074011.2	-
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ENSG00000230741	5.13E-15	-2.63127	1	1 SC22CB-1D7.1	-
ENSG00000230746	5.13E-15	-2.63127	1	1 AC006007.1	-
ENSG00000230748	5.13E-15	-2.63127	1	1 RP11-541H12.1	-
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ENSG00000230750	5.13E-15	-2.63127	1	1 SDAD1P2	K14856
ENSG00000230751	5.13E-15	-2.63127	1	1 AC007036.4	-
ENSG00000230755	5.13E-15	-2.63127	1	1 RP11-343J3.7	-
ENSG00000230757	5.13E-15	-2.63127	1	1 NFU1P1	-
ENSG00000230759	5.13E-15	-2.63127	1	1 RP11-153F1.2	-
ENSG00000230761	5.13E-15	-2.63127	1	1 RP11-342C24.8	-
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ENSG00000230768	5.13E-15	-2.63127	1	1 RP11-251P6.1	-
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ENSG00000230779	5.13E-15	-2.63127	1	1 RP1-140J1.4	K02941
ENSG00000230781	5.13E-15	-2.63127	1	1 RP1-215K18.4	-
ENSG00000230782	5.13E-15	-2.63127	1	1 RP11-508N12.2	-
ENSG00000230783	5.13E-15	-2.63127	1	1 AC009961.2	K02984
ENSG00000230785	5.13E-15	-2.63127	1	1 AC006326.3	-
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ENSG00000230789	5.13E-15	-2.63127	1	1 ARHGAP26-IT1	-
ENSG00000230790	5.13E-15	-2.63127	1	1 AC012456.4	-
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ENSG00000230799	5.13E-15	-2.63127	1	1 AC007279.2	K02981
ENSG00000230801	5.13E-15	-2.63127	1	1 RP11-243J16.8	-
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ENSG00000230804	5.13E-15	-2.63127	1	1 RP11-216M21.2	-
ENSG00000230805	5.13E-15	-2.63127	1	1 AL132709.1	-
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ENSG00000230809	5.13E-15	-2.63127	1	1 RP11-309P22.1	K02991
ENSG00000230813	5.13E-15	-2.63127	1	1 RP11-690C23.5	K05150
ENSG00000230814	5.13E-15	-2.63127	1	1 USP9YP24	-
ENSG00000230815	5.13E-15	-2.63127	1	1 RP11-490I4.3	-
ENSG00000230817	5.13E-15	-2.63127	1	1 RP4-601K24.1	-
ENSG00000230818	5.13E-15	-2.63127	1	1 MTND2P16	K03879
ENSG00000230819	5.13E-15	-2.63127	1	1 ZNF736P5Y	K09228
ENSG00000230820	5.13E-15	-2.63127	1	1 AC000362.1	-
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ENSG00000230826	5.13E-15	-2.63127	1	1 RP11-417B4.2	-
ENSG00000230828	5.13E-15	-2.63127	1	1 RP11-492I2.1	-
ENSG00000230829	5.13E-15	-2.63127	1	1 CTD-2186M15.1	K02901
ENSG00000230830	5.13E-15	-2.63127	1	1 ARPP21-AS1	-
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ENSG00000230834	5.13E-15	-2.63127	1	1 AC068580.7	-

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ENSG00000230838	5.13E-15	-2.63127	1	1 AC093850.2	-
ENSG00000230839	5.13E-15	-2.63127	1	1 RP5-968J1.1	-
ENSG00000230840	5.13E-15	-2.63127	1	1 AC097463.2	-
ENSG00000230841	5.13E-15	-2.63127	1	1 RP5-915N17.3	K02893
ENSG00000230843	5.13E-15	-2.63127	1	1 RP11-380D15.3	-
ENSG00000230845	5.13E-15	-2.63127	1	1 RP11-392A23.5	K00799
ENSG00000230846	5.13E-15	-2.63127	1	1 RP11-383M4.2	-
ENSG00000230847	5.13E-15	-2.63127	1	1 RP11-195E2.1	K06088
ENSG00000230848	5.13E-15	-2.63127	1	1 RP11-379C10.1	-
ENSG00000230851	5.13E-15	-2.63127	1	1 AP006294.2	K04257
ENSG00000230852	5.13E-15	-2.63127	1	1 RP11-51G5.1	-
ENSG00000230853	5.13E-15	-2.63127	1	1 AC004159.1	K02866
ENSG00000230854	5.13E-15	-2.63127	1	1 USP9YP20	K11840
ENSG00000230856	5.13E-15	-2.63127	1	1 AC138649.1	-
ENSG00000230857	5.13E-15	-2.63127	1	1 RP11-318K12.2	-
ENSG00000230859	5.13E-15	-2.63127	1	1 YRDPC3	-
ENSG00000230860	5.13E-15	-2.63127	1	1 CCNB1IP1P2	K10639
ENSG00000230863	5.13E-15	-2.63127	1	1 RP4-595K12.2	K13024
ENSG00000230864	5.13E-15	-2.63127	1	1 RP5-936J12.1	-
ENSG00000230865	5.13E-15	-2.63127	1	1 TSEN15P1	K15324
ENSG00000230866	5.13E-15	-2.63127	1	1 CTA-342B11.2	-
ENSG00000230867	5.13E-15	-2.63127	1	1 RP11-462B18.1	K02949
ENSG00000230871	5.13E-15	-2.63127	1	1 RPS6P23	-
ENSG00000230873	5.13E-15	-2.63127	1	1 STMND1	-
ENSG00000230876	5.13E-15	-2.63127	1	1 LINC00486	-
ENSG00000230879	5.13E-15	-2.63127	1	1 RBMX2P4	-
ENSG00000230881	5.13E-15	-2.63127	1	1 RP11-486B10.3	-
ENSG00000230886	5.13E-15	-2.63127	1	1 HMGB1P25	K10802
ENSG00000230889	5.13E-15	-2.63127	1	1 SHC1P1	K06279
ENSG00000230891	5.13E-15	-2.63127	1	1 LINC00692	-
ENSG00000230898	5.13E-15	-2.63127	1	1 RP11-9L18.3	-
ENSG00000230899	5.13E-15	-2.63127	1	1 MAGEA8-AS1	-
ENSG00000230904	5.13E-15	-2.63127	1	1 XKRYP2	-
ENSG00000230906	5.13E-15	-2.63127	1	1 AC023115.1	-
ENSG00000230908	5.13E-15	-2.63127	1	1 XXyac-YX60D10.1	-
ENSG00000230910	5.13E-15	-2.63127	1	1 RP3-525N10.2	-
ENSG00000230911	5.13E-15	-2.63127	1	1 PPIHP1	K09567
ENSG00000230913	5.13E-15	-2.63127	1	1 NPM1P51	K11276
ENSG00000230916	5.13E-15	-2.63127	1	1 RP11-10B2.1	K02256
ENSG00000230918	5.13E-15	-2.63127	1	1 AC008063.2	-
ENSG00000230920	5.13E-15	-2.63127	1	1 RP11-527D15.1	-
ENSG00000230921	5.13E-15	-2.63127	1	1 HAO2-IT1	-
ENSG00000230922	5.13E-15	-2.63127	1	1 RP4-753M9.1	-
ENSG00000230923	5.13E-15	-2.63127	1	1 LINC00309	-
ENSG00000230925	5.13E-15	-2.63127	1	1 RP11-176F3.7	-
ENSG00000230926	5.13E-15	-2.63127	1	1 RP11-104D21.2	K01896
ENSG00000230928	5.13E-15	-2.63127	1	1 RP11-34A14.3	-
ENSG00000230931	5.13E-15	-2.63127	1	1 GXYLT1P1	K13676
ENSG00000230932	5.13E-15	-2.63127	1	1 RP5-947P14.2	K06097
ENSG00000230934	5.13E-15	-2.63127	1	1 RP11-402P6.2	-
ENSG00000230935	5.13E-15	-2.63127	1	1 RPS3P1	K02985
ENSG00000230936	5.13E-15	-2.63127	1	1 RP11-775L16.1	K14570
ENSG00000230937	5.13E-15	-2.63127	1	1 MIR205HG	-
ENSG00000230940	5.13E-15	-2.63127	1	1 RP11-32B11.2	-
ENSG00000230941	5.13E-15	-2.63127	1	1 AC002386.1	-
ENSG00000230942	5.13E-15	-2.63127	1	1 HMGN1P5	-
ENSG00000230944	5.13E-15	-2.63127	1	1 AC026202.5	-

ENSG00000230945	5.13E-15	-2.63127	1	1 RP11-394O9.1	-
ENSG00000230947	5.13E-15	-2.63127	1	1 AP000356.2	-
ENSG00000230948	5.13E-15	-2.63127	1	1 AP001331.1	K11479
ENSG00000230950	5.13E-15	-2.63127	1	1 MTND2P21	K03879
ENSG00000230951	5.13E-15	-2.63127	1	1 RP11-573D15.6	K15307
ENSG00000230955	5.13E-15	-2.63127	1	1 RP11-109P14.10	-
ENSG00000230956	5.13E-15	-2.63127	1	1 RP3-452M16.1	K10364
ENSG00000230958	5.13E-15	-2.63127	1	1 AC093166.4	K02976
ENSG00000230960	5.13E-15	-2.63127	1	1 RP5-1086L22.1	-
ENSG00000230962	5.13E-15	-2.63127	1	1 RP11-113E21.1	-
ENSG00000230965	5.13E-15	-2.63127	1	1 SNX18P13	K17923
ENSG00000230967	5.13E-15	-2.63127	1	1 RP11-107I14.5	-
ENSG00000230968	5.13E-15	-2.63127	1	1 AC084149.1	-
ENSG00000230969	5.13E-15	-2.63127	1	1 AC104024.2	-
ENSG00000230970	5.13E-15	-2.63127	1	1 HHATL-AS1	-
ENSG00000230971	5.13E-15	-2.63127	1	1 AC005703.3	-
ENSG00000230972	5.13E-15	-2.63127	1	1 AP001255.2	-
ENSG00000230973	5.13E-15	-2.63127	1	1 RP1-154J13.2	-
ENSG00000230975	5.13E-15	-2.63127	1	1 AC084193.1	-
ENSG00000230977	5.13E-15	-2.63127	1	1 AC023274.6	-
ENSG00000230980	5.13E-15	-2.63127	1	1 RPL36AP39	K02929
ENSG00000230981	5.13E-15	-2.63127	1	1 AC006035.1	-
ENSG00000230986	5.13E-15	-2.63127	1	1 DDX3YP2	K11594
ENSG00000230987	5.13E-15	-2.63127	1	1 RP11-113I24.1	K18995
ENSG00000230988	5.13E-15	-2.63127	1	1 RP11-661D19.1	K02893
ENSG00000230990	5.13E-15	-2.63127	1	1 RP4-734C18.1	-
ENSG00000230991	5.13E-15	-2.63127	1	1 AC092625.1	-
ENSG00000230992	5.13E-15	-2.63127	1	1 FAM201B	-
ENSG00000230993	5.13E-15	-2.63127	1	1 RPL12P15	K02870
ENSG00000230994	5.13E-15	-2.63127	1	1 FGFR3P1	K05094
ENSG00000230997	5.13E-15	-2.63127	1	1 RAB42P1	K07929
ENSG00000230998	5.13E-15	-2.63127	1	1 RP11-14C22.3	-
ENSG00000230999	5.13E-15	-2.63127	1	1 MTND5P8	K03883
ENSG00000231001	5.13E-15	-2.63127	1	1 CCNB1IP1P3	K10639
ENSG00000231004	5.13E-15	-2.63127	1	1 CECR9	-
ENSG00000231005	5.13E-15	-2.63127	1	1 RP3-481F12.1	K02924
ENSG00000231009	5.13E-15	-2.63127	1	1 CUBNP1	K14616
ENSG00000231011	5.13E-15	-2.63127	1	1 RP11-494I9.1	-
ENSG00000231013	5.13E-15	-2.63127	1	1 AC013275.2	-
ENSG00000231015	5.13E-15	-2.63127	1	1 RP5-860P4.2	-
ENSG00000231017	5.13E-15	-2.63127	1	1 AC013404.1	K02978
ENSG00000231018	5.13E-15	-2.63127	1	1 EIF4A1P3	K03257
ENSG00000231019	5.13E-15	-2.63127	1	1 RP11-545P6.2	-
ENSG00000231020	5.13E-15	-2.63127	1	1 RP11-357J22.1	-
ENSG00000231022	5.13E-15	-2.63127	1	1 RPS3AP9	K02984
ENSG00000231023	5.13E-15	-2.63127	1	1 LINC00326	-
ENSG00000231024	5.13E-15	-2.63127	1	1 AC092431.3	-
ENSG00000231026	5.13E-15	-2.63127	1	1 XKRYP4	-
ENSG00000231029	5.13E-15	-2.63127	1	1 RP3-455J7.3	K02964
ENSG00000231031	5.13E-15	-2.63127	1	1 AC008271.1	-
ENSG00000231032	5.13E-15	-2.63127	1	1 AC114814.2	K16801
ENSG00000231034	5.13E-15	-2.63127	1	1 RP11-346K17.3	-
ENSG00000231039	5.13E-15	-2.63127	1	1 RP11-445P17.3	-
ENSG00000231040	5.13E-15	-2.63127	1	1 AC103881.1	-
ENSG00000231046	5.13E-15	-2.63127	1	1 RP11-428F8.2	-
ENSG00000231047	5.13E-15	-2.63127	1	1 GCNT1P3	-
ENSG00000231049	5.13E-15	-2.63127	1	1 OR52B5P	K04257
ENSG00000231051	5.13E-15	-2.63127	1	1 USP17L28	K11845

ENSG00000231052	5.13E-15	-2.63127	1	1 RP11-91N2.3	--
ENSG00000231054	5.13E-15	-2.63127	1	1 AC009236.2	--
ENSG00000231056	5.13E-15	-2.63127	1	1 RP1-290I10.5	--
ENSG00000231058	5.13E-15	-2.63127	1	1 MSANTD2P1	--
ENSG00000231060	5.13E-15	-2.63127	1	1 FARSBP1	K01890
ENSG00000231061	5.13E-15	-2.63127	1	1 LINC00395	--
ENSG00000231062	5.13E-15	-2.63127	1	1 AC103563.9	--
ENSG00000231063	5.13E-15	-2.63127	1	1 AC006994.1	K02934
ENSG00000231068	5.13E-15	-2.63127	1	1 KRTAP21-3	--
ENSG00000231069	5.13E-15	-2.63127	1	1 BX842568.4	--
ENSG00000231070	5.13E-15	-2.63127	1	1 OR52Y1P	--
ENSG00000231071	5.13E-15	-2.63127	1	1 RP5-1068H6.1	K01823
ENSG00000231072	5.13E-15	-2.63127	1	1 GAPDHP64	K00134
ENSG00000231074	5.13E-15	-2.63127	1	1 HCG18	--
ENSG00000231078	5.13E-15	-2.63127	1	1 RP11-560A15.4	--
ENSG00000231079	5.13E-15	-2.63127	1	1 AC105402.4	--
ENSG00000231080	5.13E-15	-2.63127	1	1 RP11-342H21.2	--
ENSG00000231081	5.13E-15	-2.63127	1	1 RP4-760C5.3	--
ENSG00000231082	5.13E-15	-2.63127	1	1 RP11-514F8.2	--
ENSG00000231083	5.13E-15	-2.63127	1	1 AC011747.6	--
ENSG00000231086	5.13E-15	-2.63127	1	1 TSSK1A	K08811
ENSG00000231087	5.13E-15	-2.63127	1	1 FDPSP7	K00787
ENSG00000231090	5.13E-15	-2.63127	1	1 RP11-101C11.1	--
ENSG00000231091	5.13E-15	-2.63127	1	1 AC138783.13	--
ENSG00000231092	5.13E-15	-2.63127	1	1 AC012513.6	--
ENSG00000231093	5.13E-15	-2.63127	1	1 RP13-150K15.1	K00555
ENSG00000231095	5.13E-15	-2.63127	1	1 GYG1P3	K00750
ENSG00000231096	5.13E-15	-2.63127	1	1 AC015726.1	K03960
ENSG00000231098	5.13E-15	-2.63127	1	1 AC008154.4	--
ENSG00000231099	5.13E-15	-2.63127	1	1 BMS1P19	K14569
ENSG00000231100	5.13E-15	-2.63127	1	1 RP11-740C1.2	--
ENSG00000231102	5.13E-15	-2.63127	1	1 RP11-298J23.5	--
ENSG00000231103	5.13E-15	-2.63127	1	1 RP5-845O24.3	--
ENSG00000231106	5.13E-15	-2.63127	1	1 AP000688.8	--
ENSG00000231107	5.13E-15	-2.63127	1	1 RP11-389K14.3	--
ENSG00000231108	5.13E-15	-2.63127	1	1 RP11-390F4.9	--
ENSG00000231110	5.13E-15	-2.63127	1	1 AC004070.1	--
ENSG00000231112	5.13E-15	-2.63127	1	1 MTHFD2P3	K13403
ENSG00000231114	5.13E-15	-2.63127	1	1 AC078842.4	--
ENSG00000231120	5.13E-15	-2.63127	1	1 BTF3P10	K01527
ENSG00000231121	5.13E-15	-2.63127	1	1 RP1-34H18.1	--
ENSG00000231122	5.13E-15	-2.63127	1	1 FAM25E	--
ENSG00000231123	5.13E-15	-2.63127	1	1 SPATA20P1	--
ENSG00000231124	5.13E-15	-2.63127	1	1 UBE2V1P11	K10704
ENSG00000231128	5.13E-15	-2.63127	1	1 RP5-1073O3.2	--
ENSG00000231130	5.13E-15	-2.63127	1	1 HLA-T	K06751
ENSG00000231132	5.13E-15	-2.63127	1	1 RP11-40C11.2	--
ENSG00000231133	5.13E-15	-2.63127	1	1 HAR1B	--
ENSG00000231136	5.13E-15	-2.63127	1	1 AP000705.6	K11973
ENSG00000231137	5.13E-15	-2.63127	1	1 RBM22P5	K12872
ENSG00000231138	5.13E-15	-2.63127	1	1 RP11-391M7.3	--
ENSG00000231139	5.13E-15	-2.63127	1	1 AC104843.4	K02969
ENSG00000231140	5.13E-15	-2.63127	1	1 RP11-347J14.7	--
ENSG00000231141	5.13E-15	-2.63127	1	1 TTTY3	--
ENSG00000231143	5.13E-15	-2.63127	1	1 RP3-463P15.1	--
ENSG00000231144	5.13E-15	-2.63127	1	1 EEF1A1P40	K03231
ENSG00000231145	5.13E-15	-2.63127	1	1 AC013468.1	--
ENSG00000231147	5.13E-15	-2.63127	1	1 ARHGAP42P2	--

ENSG00000231148	5.13E-15	-2.63127	1	1 HMGB1P7	K10802
ENSG00000231149	5.13E-15	-2.63127	1	1 RP11-10J18.3	-
ENSG00000231150	5.13E-15	-2.63127	1	1 RP1-207H1.3	-
ENSG00000231152	5.13E-15	-2.63127	1	1 MTND2P15	-
ENSG00000231153	5.13E-15	-2.63127	1	1 AC002429.4	-
ENSG00000231156	5.13E-15	-2.63127	1	1 AC093702.1	-
ENSG00000231158	5.13E-15	-2.63127	1	1 PTP4A1P1	K18041
ENSG00000231159	5.13E-15	-2.63127	1	1 OFD1P8Y	K16480
ENSG00000231162	5.13E-15	-2.63127	1	1 COX11P1	K02258
ENSG00000231163	5.13E-15	-2.63127	1	1 RP5-1007G16.1	-
ENSG00000231164	5.13E-15	-2.63127	1	1 RPL7P56	K02937
ENSG00000231165	5.13E-15	-2.63127	1	1 TRBV26OR9-2	-
ENSG00000231166	5.13E-15	-2.63127	1	1 TUBB4BP6	K07375
ENSG00000231169	5.13E-15	-2.63127	1	1 EEF1B2P1	K03232
ENSG00000231175	5.13E-15	-2.63127	1	1 RP11-463J7.2	-
ENSG00000231178	5.13E-15	-2.63127	1	1 RP11-125D12.1	-
ENSG00000231182	5.13E-15	-2.63127	1	1 RP11-423O2.7	-
ENSG00000231183	5.13E-15	-2.63127	1	1 AC007003.1	-
ENSG00000231184	5.13E-15	-2.63127	1	1 FAM58DP	-
ENSG00000231189	5.13E-15	-2.63127	1	1 AC013448.1	-
ENSG00000231192	5.13E-15	-2.63127	1	1 OR5H1	K04257
ENSG00000231194	5.13E-15	-2.63127	1	1 FARP1-AS1	-
ENSG00000231195	5.13E-15	-2.63127	1	1 IFNA11P	-
ENSG00000231196	5.13E-15	-2.63127	1	1 RP11-495P10.8	-
ENSG00000231198	5.13E-15	-2.63127	1	1 AC004987.10	-
ENSG00000231199	5.13E-15	-2.63127	1	1 MTND5P19	K03883
ENSG00000231200	5.13E-15	-2.63127	1	1 AC068490.2	-
ENSG00000231201	5.13E-15	-2.63127	1	1 AF127577.11	-
ENSG00000231202	5.13E-15	-2.63127	1	1 TRGVB	-
ENSG00000231204	5.13E-15	-2.63127	1	1 AC011752.1	-
ENSG00000231205	5.13E-15	-2.63127	1	1 ZNF826P	K09228
ENSG00000231206	5.13E-15	-2.63127	1	1 HNRNPA1P25	K12741
ENSG00000231207	5.13E-15	-2.63127	1	1 RP1-144C9.2	K02974
ENSG00000231208	5.13E-15	-2.63127	1	1 RP4-583P15.11	-
ENSG00000231209	5.13E-15	-2.63127	1	1 GLUD1P6	K00261
ENSG00000231210	5.13E-15	-2.63127	1	1 AC006159.3	-
ENSG00000231211	5.13E-15	-2.63127	1	1 RPL17P49	K02880
ENSG00000231212	5.13E-15	-2.63127	1	1 RP11-111F5.3	-
ENSG00000231213	5.13E-15	-2.63127	1	1 PLSCR5	-
ENSG00000231216	5.13E-15	-2.63127	1	1 GS1-600G8.3	-
ENSG00000231217	5.13E-15	-2.63127	1	1 RP11-1M18.1	-
ENSG00000231219	5.13E-15	-2.63127	1	1 RP11-219C24.8	-
ENSG00000231221	5.13E-15	-2.63127	1	1 AC023672.2	-
ENSG00000231222	5.13E-15	-2.63127	1	1 ARF4P4	K07939
ENSG00000231226	5.13E-15	-2.63127	1	1 TRIM31-AS1	-
ENSG00000231227	5.13E-15	-2.63127	1	1 RP11-85O21.4	-
ENSG00000231228	5.13E-15	-2.63127	1	1 CTD-2593A12.4	-
ENSG00000231231	5.13E-15	-2.63127	1	1 AP001422.3	-
ENSG00000231232	5.13E-15	-2.63127	1	1 RP11-548K12.1	-
ENSG00000231235	5.13E-15	-2.63127	1	1 RP11-75A9.1	K12864
ENSG00000231236	5.13E-15	-2.63127	1	1 AP001604.3	-
ENSG00000231237	5.13E-15	-2.63127	1	1 OR6K1P	K12870
ENSG00000231238	5.13E-15	-2.63127	1	1 LINC00349	-
ENSG00000231241	5.13E-15	-2.63127	1	1 RPS3AP3	K02984
ENSG00000231242	5.13E-15	-2.63127	1	1 RP11-87H9.3	-
ENSG00000231243	5.13E-15	-2.63127	1	1 RP11-134J21.1	-
ENSG00000231244	5.13E-15	-2.63127	1	1 PSMC1P3	K03062
ENSG00000231246	5.13E-15	-2.63127	1	1 RP5-965F6.2	-

ENSG00000231248	5.13E-15	-2.63127	1	1 RP11-160N1.9	-
ENSG00000231251	5.13E-15	-2.63127	1	1 RP3-357I16.1	K13120
ENSG00000231252	5.13E-15	-2.63127	1	1 RP11-436K8.1	-
ENSG00000231253	5.13E-15	-2.63127	1	1 RP1-302D9.2	-
ENSG00000231254	5.13E-15	-2.63127	1	1 PCED1CP	-
ENSG00000231255	5.13E-15	-2.63127	1	1 AC005009.1	-
ENSG00000231258	5.13E-15	-2.63127	1	1 ZSWIM5P2	K05060
ENSG00000231261	5.13E-15	-2.63127	1	1 HMGN2P10	K11300
ENSG00000231264	5.13E-15	-2.63127	1	1 RP11-73B2.7	K08845
ENSG00000231265	5.13E-15	-2.63127	1	1 TRERNA1	-
ENSG00000231266	5.13E-15	-2.63127	1	1 AC010745.3	-
ENSG00000231267	5.13E-15	-2.63127	1	1 PPIAL4E	K12738
ENSG00000231270	5.13E-15	-2.63127	1	1 RP13-347D8.1	K18623
ENSG00000231271	5.13E-15	-2.63127	1	1 AP000350.8	K00799
ENSG00000231272	5.13E-15	-2.63127	1	1 RP4-799P18.4	-
ENSG00000231273	5.13E-15	-2.63127	1	1 RP11-343D24.2	-
ENSG00000231276	5.13E-15	-2.63127	1	1 E2F4P1	K04682
ENSG00000231278	5.13E-15	-2.63127	1	1 OR9S24P	K04257
ENSG00000231280	5.13E-15	-2.63127	1	1 SALL4P6	-
ENSG00000231283	5.13E-15	-2.63127	1	1 RP11-472D17.6	-
ENSG00000231290	5.13E-15	-2.63127	1	1 APCDD1L-AS1	-
ENSG00000231291	5.13E-15	-2.63127	1	1 RP11-445O3.1	-
ENSG00000231292	5.13E-15	-2.63127	1	1 IGKV1OR2-108	-
ENSG00000231293	5.13E-15	-2.63127	1	1 RPL36AP6	K02929
ENSG00000231294	5.13E-15	-2.63127	1	1 AC006994.2	-
ENSG00000231295	5.13E-15	-2.63127	1	1 RP4-797C5.2	-
ENSG00000231297	5.13E-15	-2.63127	1	1 SNORD45	-
ENSG00000231299	5.13E-15	-2.63127	1	1 RP11-419M24.6	K16941
ENSG00000231300	5.13E-15	-2.63127	1	1 EZH2P1	K11430
ENSG00000231301	5.13E-15	-2.63127	1	1 RPL13AP	K02872
ENSG00000231302	5.13E-15	-2.63127	1	1 RPL36P2	K02920
ENSG00000231304	5.13E-15	-2.63127	1	1 AC107622.1	-
ENSG00000231307	5.13E-15	-2.63127	1	1 RPS3P2	K02985
ENSG00000231310	5.13E-15	-2.63127	1	1 TBL1XR1-AS1	-
ENSG00000231311	5.13E-15	-2.63127	1	1 PRYP2	-
ENSG00000231315	5.13E-15	-2.63127	1	1 AC107613.1	K11804
ENSG00000231316	5.13E-15	-2.63127	1	1 RP11-134L4.2	-
ENSG00000231317	5.13E-15	-2.63127	1	1 RP11-310H4.6	K17299
ENSG00000231322	5.13E-15	-2.63127	1	1 RPL13AP17	K02872
ENSG00000231326	5.13E-15	-2.63127	1	1 RP11-69C17.4	-
ENSG00000231327	5.13E-15	-2.63127	1	1 AC016700.5	-
ENSG00000231328	5.13E-15	-2.63127	1	1 TPT1P7	-
ENSG00000231329	5.13E-15	-2.63127	1	1 RP1-225E12.2	-
ENSG00000231331	5.13E-15	-2.63127	1	1 AC103563.2	-
ENSG00000231332	5.13E-15	-2.63127	1	1 OOEP-AS1	-
ENSG00000231334	5.13E-15	-2.63127	1	1 AC104781.1	-
ENSG00000231336	5.13E-15	-2.63127	1	1 AC017006.3	-
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ENSG00000231342	5.13E-15	-2.63127	1	1 ATF4P2	K04374
ENSG00000231349	5.13E-15	-2.63127	1	1 RP11-444C12.1	-
ENSG00000231353	5.13E-15	-2.63127	1	1 RP11-5P18.3	K07752
ENSG00000231355	5.13E-15	-2.63127	1	1 AP000302.58	-
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ENSG00000231358	5.13E-15	-2.63127	1	1 RP11-442J17.3	-
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ENSG00000231361	5.13E-15	-2.63127	1	1 CTD-3105H18.5	K02980
ENSG00000231362	5.13E-15	-2.63127	1	1 RP11-715I4.1	K02924

ENSG00000231363	5.13E-15	-2.63127	1	1 RP11-148B18.1	-
ENSG00000231364	5.13E-15	-2.63127	1	1 RP11-413G15.1	-
ENSG00000231366	5.13E-15	-2.63127	1	1 RP11-399N22.3	K02976
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ENSG00000231373	5.13E-15	-2.63127	1	1 RP11-466A17.1	-
ENSG00000231375	5.13E-15	-2.63127	1	1 CDY17P	K00653
ENSG00000231376	5.13E-15	-2.63127	1	1 HMGN2P16	K11300
ENSG00000231378	5.13E-15	-2.63127	1	1 NDUFAF4P4	K18161
ENSG00000231379	5.13E-15	-2.63127	1	1 RP11-237M21.1	-
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ENSG00000231382	5.13E-15	-2.63127	1	1 NBPF21P	-
ENSG00000231384	5.13E-15	-2.63127	1	1 AC007919.19	-
ENSG00000231386	5.13E-15	-2.63127	1	1 AC007395.4	-
ENSG00000231388	5.13E-15	-2.63127	1	1 RP11-702C7.2	K02184
ENSG00000231389	5.13E-15	-2.63127	1	1 HLA-DPA1	K06752
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ENSG00000231391	5.13E-15	-2.63127	1	1 RP11-95K23.3	-
ENSG00000231392	5.13E-15	-2.63127	1	1 LL22NC03-24A12.8	-
ENSG00000231394	5.13E-15	-2.63127	1	1 RP11-310H4.3	-
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ENSG00000231396	5.13E-15	-2.63127	1	1 USP17L10	K11845
ENSG00000231397	5.13E-15	-2.63127	1	1 AC004941.5	K14293
ENSG00000231398	5.13E-15	-2.63127	1	1 RP11-375N9.2	-
ENSG00000231399	5.13E-15	-2.63127	1	1 SNRPEP8	-
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ENSG00000231402	5.13E-15	-2.63127	1	1 WASF5P	K06083
ENSG00000231404	5.13E-15	-2.63127	1	1 RAC1P3	K04392
ENSG00000231405	5.13E-15	-2.63127	1	1 CTA-992D9.7	-
ENSG00000231411	5.13E-15	-2.63127	1	1 AC006987.7	-
ENSG00000231413	5.13E-15	-2.63127	1	1 RP11-193P11.3	-
ENSG00000231417	5.13E-15	-2.63127	1	1 IRX1P1	-
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ENSG00000231420	5.13E-15	-2.63127	1	1 AC113610.1	-
ENSG00000231421	5.13E-15	-2.63127	1	1 AC006050.2	-
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ENSG00000231423	5.13E-15	-2.63127	1	1 RAB9AP5	-
ENSG00000231424	5.13E-15	-2.63127	1	1 RP1-45C12.1	-
ENSG00000231426	5.13E-15	-2.63127	1	1 RP5-899B16.1	-
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ENSG00000231431	5.13E-15	-2.63127	1	1 FAR2P4	K13356
ENSG00000231434	5.13E-15	-2.63127	1	1 RP11-144L1.8	K04079
ENSG00000231436	5.13E-15	-2.63127	1	1 RBMY3AP	K12885
ENSG00000231437	5.13E-15	-2.63127	1	1 RP11-88H9.2	-
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ENSG00000231440	5.13E-15	-2.63127	1	1 RP11-467I20.6	-
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ENSG00000231445	5.13E-15	-2.63127	1	1 TIMM8AP1	K17780
ENSG00000231447	5.13E-15	-2.63127	1	1 RP1-14D6.7	-
ENSG00000231448	5.13E-15	-2.63127	1	1 RP11-763B22.9	K09188
ENSG00000231449	5.13E-15	-2.63127	1	1 AC097359.2	-
ENSG00000231453	5.13E-15	-2.63127	1	1 AC018470.4	-
ENSG00000231454	5.13E-15	-2.63127	1	1 RP11-160N1.8	-
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ENSG00000231458	5.13E-15	-2.63127	1	1 RNASEH1P2	K03469
ENSG00000231461	5.13E-15	-2.63127	1	1 HLA-DPA2	K06752

ENSG00000231465	5.13E-15	-2.63127	1	1 RP11-542K23.9	-
ENSG00000231467	5.13E-15	-2.63127	1	1 RP5-1170K4.7	-
ENSG00000231468	5.13E-15	-2.63127	1	1 PRDX3P2	K03386
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ENSG00000231471	5.13E-15	-2.63127	1	1 HMGN2P34	K11300
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ENSG00000231476	5.13E-15	-2.63127	1	1 AC074389.5	-
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ENSG00000231478	5.13E-15	-2.63127	1	1 FCF1P9	-
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ENSG00000231481	5.13E-15	-2.63127	1	1 RP11-292F9.2	-
ENSG00000231482	5.13E-15	-2.63127	1	1 AC141930.2	-
ENSG00000231483	5.13E-15	-2.63127	1	1 RP11-336A10.5	-
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ENSG00000231485	5.13E-15	-2.63127	1	1 RP4-535B20.1	-
ENSG00000231486	5.13E-15	-2.63127	1	1 AC096579.7	-
ENSG00000231487	5.13E-15	-2.63127	1	1 AP006285.7	-
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ENSG00000231490	5.13E-15	-2.63127	1	1 RPL7L1P2	-
ENSG00000231491	5.13E-15	-2.63127	1	1 RP11-71E22.1	-
ENSG00000231492	5.13E-15	-2.63127	1	1 AP003774.5	-
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ENSG00000231495	5.13E-15	-2.63127	1	1 RP1-213J1P__B.2	-
ENSG00000231496	5.13E-15	-2.63127	1	1 RP1-251M9.2	-
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ENSG00000231504	5.13E-15	-2.63127	1	1 NMD3P2	K07562
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ENSG00000231507	5.13E-15	-2.63127	1	1 RP11-134P9.3	-
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ENSG00000231509	5.13E-15	-2.63127	1	1 RP11-574F11.3	-
ENSG00000231510	5.13E-15	-2.63127	1	1 RP11-542C10.1	-
ENSG00000231511	5.13E-15	-2.63127	1	1 RP11-45O22.3	-
ENSG00000231512	5.13E-15	-2.63127	1	1 RP11-261C10.2	-
ENSG00000231513	5.13E-15	-2.63127	1	1 RP11-274K13.5	-
ENSG00000231514	5.13E-15	-2.63127	1	1 FAM58CP	-
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ENSG00000231516	5.13E-15	-2.63127	1	1 CBX1P5	K11585
ENSG00000231517	5.13E-15	-2.63127	1	1 RP11-7G23.5	-
ENSG00000231521	5.13E-15	-2.63127	1	1 RP11-244N9.4	-
ENSG00000231523	5.13E-15	-2.63127	1	1 RP11-196D18.5	K16941
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ENSG00000231529	5.13E-15	-2.63127	1	1 RP11-410C4.4	-
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ENSG00000231532	5.13E-15	-2.63127	1	1 AC022311.1	-
ENSG00000231533	5.13E-15	-2.63127	1	1 RP1-232L24.3	-
ENSG00000231534	5.13E-15	-2.63127	1	1 FBXO36-IT1	-
ENSG00000231535	5.13E-15	-2.63127	1	1 LINC00278	-
ENSG00000231537	5.13E-15	-2.63127	1	1 RP11-1217F2.3	K02262
ENSG00000231538	5.13E-15	-2.63127	1	1 DPP10-AS3	-
ENSG00000231539	5.13E-15	-2.63127	1	1 AC010132.10	-
ENSG00000231540	5.13E-15	-2.63127	1	1 TCEB1P9	-
ENSG00000231541	5.13E-15	-2.63127	1	1 RPS6P2	K02991
ENSG00000231542	5.13E-15	-2.63127	1	1 TAB3-AS1	-
ENSG00000231546	5.13E-15	-2.63127	1	1 RPL3P5	K02925
ENSG00000231547	5.13E-15	-2.63127	1	1 RP11-38O14.6	-
ENSG00000231548	5.13E-15	-2.63127	1	1 OR55B1P	K04257
ENSG00000231549	5.13E-15	-2.63127	1	1 USMG5P1	K18194

ENSG00000231550	5.13E-15	-2.63127	1	1 PTCHD3P2	-
ENSG00000231551	5.13E-15	-2.63127	1	1 RP11-495P10.1	-
ENSG00000231552	5.13E-15	-2.63127	1	1 IGBP1P3	K17606
ENSG00000231553	5.13E-15	-2.63127	1	1 RNMTL1P1	-
ENSG00000231556	5.13E-15	-2.63127	1	1 RSL24D1P3	K02896
ENSG00000231557	5.13E-15	-2.63127	1	1 AC018717.1	-
ENSG00000231559	5.13E-15	-2.63127	1	1 RP3-354J5.3	-
ENSG00000231560	5.13E-15	-2.63127	1	1 AC091814.3	-
ENSG00000231561	5.13E-15	-2.63127	1	1 CEACAMP5	K06499
ENSG00000231562	5.13E-15	-2.63127	1	1 RP11-508N12.3	K02936
ENSG00000231565	5.13E-15	-2.63127	1	1 NEK2P2	K08857
ENSG00000231566	5.13E-15	-2.63127	1	1 RP5-1158E12.3	-
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ENSG00000231568	5.13E-15	-2.63127	1	1 RP11-552E4.4	-
ENSG00000231569	5.13E-15	-2.63127	1	1 RP11-399L7.3	-
ENSG00000231570	5.13E-15	-2.63127	1	1 AC008173.1	K03767
ENSG00000231575	5.13E-15	-2.63127	1	1 RP11-162K11.4	-
ENSG00000231576	5.13E-15	-2.63127	1	1 Z95114.3	-
ENSG00000231582	5.13E-15	-2.63127	1	1 RP11-293G6__B.4	-
ENSG00000231583	5.13E-15	-2.63127	1	1 AC108938.3	K06047
ENSG00000231585	5.13E-15	-2.63127	1	1 AC034228.2	-
ENSG00000231586	5.13E-15	-2.63127	1	1 RPS23P9	K02973
ENSG00000231588	5.13E-15	-2.63127	1	1 RP11-50E11.2	K14764
ENSG00000231589	5.13E-15	-2.63127	1	1 AC009110.1	-
ENSG00000231590	5.13E-15	-2.63127	1	1 RP11-353J17.3	-
ENSG00000231593	5.13E-15	-2.63127	1	1 RP13-34L8.8	-
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ENSG00000231601	5.13E-15	-2.63127	1	1 RP11-164C1.2	-
ENSG00000231603	5.13E-15	-2.63127	1	1 RP11-344N17.12	K00819
ENSG00000231604	5.13E-15	-2.63127	1	1 RP5-897D18.1	-
ENSG00000231605	5.13E-15	-2.63127	1	1 RP11-277B15.2	-
ENSG00000231606	5.13E-15	-2.63127	1	1 RP11-344F13.1	-
ENSG00000231610	5.13E-15	-2.63127	1	1 AC021021.1	K00922
ENSG00000231612	5.13E-15	-2.63127	1	1 RP11-522M21.3	-
ENSG00000231613	5.13E-15	-2.63127	1	1 RP5-943J3.1	-
ENSG00000231615	5.13E-15	-2.63127	1	1 RP11-296O14.2	K16762
ENSG00000231619	5.13E-15	-2.63127	1	1 GS1-542M4.3	-
ENSG00000231620	5.13E-15	-2.63127	1	1 AP000855.4	-
ENSG00000231621	5.13E-15	-2.63127	1	1 AC013264.2	-
ENSG00000231622	5.13E-15	-2.63127	1	1 RP4-700A9.1	K02980
ENSG00000231625	5.13E-15	-2.63127	1	1 CTD-2104P17.1	K03327
ENSG00000231626	5.13E-15	-2.63127	1	1 AC013402.4	-
ENSG00000231630	5.13E-15	-2.63127	1	1 RP11-740P5.3	-
ENSG00000231632	5.13E-15	-2.63127	1	1 RP11-82L18.4	-
ENSG00000231633	5.13E-15	-2.63127	1	1 LINC00283	-
ENSG00000231635	5.13E-15	-2.63127	1	1 ATP5BP1	K02133
ENSG00000231636	5.13E-15	-2.63127	1	1 AGBL5-AS1	-
ENSG00000231637	5.13E-15	-2.63127	1	1 USP17L29	K11845
ENSG00000231643	5.13E-15	-2.63127	1	1 GHc-210E9.2	K16197
ENSG00000231646	5.13E-15	-2.63127	1	1 AC008174.3	-
ENSG00000231648	5.13E-15	-2.63127	1	1 RP11-372M18.2	-
ENSG00000231649	5.13E-15	-2.63127	1	1 SPATA31B1	-
ENSG00000231650	5.13E-15	-2.63127	1	1 RFESDP1	-
ENSG00000231653	5.13E-15	-2.63127	1	1 AC010731.3	-
ENSG00000231654	5.13E-15	-2.63127	1	1 RPS6KA2-AS1	-
ENSG00000231655	5.13E-15	-2.63127	1	1 AC011742.3	K08341

ENSG00000231656	5.13E-15	-2.63127	1	1 FAM90A18P	-
ENSG00000231660	5.13E-15	-2.63127	1	1 RPS8P6	K02995
ENSG00000231662	5.13E-15	-2.63127	1	1 RP11-686D16.1	-
ENSG00000231666	5.13E-15	-2.63127	1	1 RP11-404O13.1	-
ENSG00000231667	5.13E-15	-2.63127	1	1 OR7E111P	K04257
ENSG00000231668	5.13E-15	-2.63127	1	1 PPP2R2DP1	K04354
ENSG00000231671	5.13E-15	-2.63127	1	1 RP11-157N3.1	-
ENSG00000231674	5.13E-15	-2.63127	1	1 LINC00410	-
ENSG00000231675	5.13E-15	-2.63127	1	1 AC005042.3	K14971
ENSG00000231678	5.13E-15	-2.63127	1	1 RP11-339N8.1	-
ENSG00000231680	5.13E-15	-2.63127	1	1 AP003774.6	-
ENSG00000231681	5.13E-15	-2.63127	1	1 AC020743.3	-
ENSG00000231682	5.13E-15	-2.63127	1	1 AC097713.4	-
ENSG00000231683	5.13E-15	-2.63127	1	1 RP1-27K12.2	-
ENSG00000231684	5.13E-15	-2.63127	1	1 RP11-416K24.2	K03113
ENSG00000231688	5.13E-15	-2.63127	1	1 RPL21P43	K02889
ENSG00000231689	5.13E-15	-2.63127	1	1 LINC01090	-
ENSG00000231690	5.13E-15	-2.63127	1	1 LINC00574	-
ENSG00000231691	5.13E-15	-2.63127	1	1 RP11-203F10.5	-
ENSG00000231694	5.13E-15	-2.63127	1	1 RP5-1014O16.10	-
ENSG00000231698	5.13E-15	-2.63127	1	1 AP002856.5	-
ENSG00000231699	5.13E-15	-2.63127	1	1 AC020550.7	K02924
ENSG00000231700	5.13E-15	-2.63127	1	1 RP11-367J7.4	K13172
ENSG00000231701	5.13E-15	-2.63127	1	1 BMS1P13	K14569
ENSG00000231706	5.13E-15	-2.63127	1	1 CYCSP43	K08738
ENSG00000231707	5.13E-15	-2.63127	1	1 PABPC1P1	K13126
ENSG00000231712	5.13E-15	-2.63127	1	1 AC104698.2	K11253
ENSG00000231713	5.13E-15	-2.63127	1	1 AF064860.7	-
ENSG00000231714	5.13E-15	-2.63127	1	1 RP11-476H20.1	-
ENSG00000231715	5.13E-15	-2.63127	1	1 COX6CP2	K02268
ENSG00000231716	5.13E-15	-2.63127	1	1 CDY23P	-
ENSG00000231718	5.13E-15	-2.63127	1	1 RP11-382E9.1	-
ENSG00000231720	5.13E-15	-2.63127	1	1 RP11-568A7.3	-
ENSG00000231722	5.13E-15	-2.63127	1	1 AC012075.1	K12194
ENSG00000231723	5.13E-15	-2.63127	1	1 AC018880.2	K10365
ENSG00000231725	5.13E-15	-2.63127	1	1 VN1R110P	K04614
ENSG00000231728	5.13E-15	-2.63127	1	1 LLOXNC01-116E7.2	-
ENSG00000231729	5.13E-15	-2.63127	1	1 ARHGEF9-IT1	-
ENSG00000231734	5.13E-15	-2.63127	1	1 RP6-206I17.2	-
ENSG00000231735	5.13E-15	-2.63127	1	1 RP11-1O7.1	K02981
ENSG00000231738	5.13E-15	-2.63127	1	1 TSPAN19	K17358
ENSG00000231739	5.13E-15	-2.63127	1	1 GAPDHP59	K00134
ENSG00000231740	5.13E-15	-2.63127	1	1 RP11-63G10.2	-
ENSG00000231741	5.13E-15	-2.63127	1	1 RP11-213G2.5	K14775
ENSG00000231743	5.13E-15	-2.63127	1	1 RP11-89K18.1	-
ENSG00000231744	5.13E-15	-2.63127	1	1 RP11-164H5.1	K15306
ENSG00000231748	5.13E-15	-2.63127	1	1 RP11-227H15.5	-
ENSG00000231749	5.13E-15	-2.63127	1	1 ABCA9-AS1	-
ENSG00000231750	5.13E-15	-2.63127	1	1 NANOGP10	K10164
ENSG00000231752	5.13E-15	-2.63127	1	1 EMBP1	-
ENSG00000231754	5.13E-15	-2.63127	1	1 RP11-204E9.1	-
ENSG00000231755	5.13E-15	-2.63127	1	1 CHODL-AS1	-
ENSG00000231756	5.13E-15	-2.63127	1	1 RP11-183I6.2	-
ENSG00000231757	5.13E-15	-2.63127	1	1 FAM74A2	-
ENSG00000231758	5.13E-15	-2.63127	1	1 AC092652.1	-
ENSG00000231762	5.13E-15	-2.63127	1	1 RP11-354K4.1	K04613
ENSG00000231763	5.13E-15	-2.63127	1	1 PQLC1P1	-
ENSG00000231764	5.13E-15	-2.63127	1	1 DLX6-AS1	-

ENSG00000231765	5.13E-15	-2.63127	1	1 PPP1R11P2	--
ENSG00000231766	5.13E-15	-2.63127	1	1 AC013437.7	--
ENSG00000231769	5.13E-15	-2.63127	1	1 RP1-8B1.4	--
ENSG00000231772	5.13E-15	-2.63127	1	1 RP1-154K9.2	--
ENSG00000231774	5.13E-15	-2.63127	1	1 RP11-402P6.11	--
ENSG00000231775	5.13E-15	-2.63127	1	1 RP11-472D17.4	--
ENSG00000231776	5.13E-15	-2.63127	1	1 RP1-90L14.1	--
ENSG00000231777	5.13E-15	-2.63127	1	1 MTND4P21	--
ENSG00000231780	5.13E-15	-2.63127	1	1 AC090960.1	--
ENSG00000231781	5.13E-15	-2.63127	1	1 AC079896.1	--
ENSG00000231782	5.13E-15	-2.63127	1	1 LINC00575	--
ENSG00000231787	5.13E-15	-2.63127	1	1 RP11-370B6.1	--
ENSG00000231788	5.13E-15	-2.63127	1	1 RPL31P50	K02910
ENSG00000231791	5.13E-15	-2.63127	1	1 RP11-382D12.1	--
ENSG00000231794	5.13E-15	-2.63127	1	1 AC009542.2	--
ENSG00000231795	5.13E-15	-2.63127	1	1 ITCH-IT1	--
ENSG00000231799	5.13E-15	-2.63127	1	1 RP13-93L13.2	--
ENSG00000231801	5.13E-15	-2.63127	1	1 ANP32BP2	K18647
ENSG00000231802	5.13E-15	-2.63127	1	1 AC009502.1	K09512
ENSG00000231808	5.13E-15	-2.63127	1	1 RP11-143M1.4	--
ENSG00000231809	5.13E-15	-2.63127	1	1 NANOGP9	K10164
ENSG00000231810	5.13E-15	-2.63127	1	1 RPL36AP35	--
ENSG00000231812	5.13E-15	-2.63127	1	1 AC005326.2	K11095
ENSG00000231814	5.13E-15	-2.63127	1	1 LINC00210	--
ENSG00000231815	5.13E-15	-2.63127	1	1 AC007179.1	--
ENSG00000231817	5.13E-15	-2.63127	1	1 RP11-189B4.6	--
ENSG00000231821	5.13E-15	-2.63127	1	1 NPM1P48	K11276
ENSG00000231824	5.13E-15	-2.63127	1	1 C18orf42	--
ENSG00000231827	5.13E-15	-2.63127	1	1 RP11-216N14.5	--
ENSG00000231829	5.13E-15	-2.63127	1	1 RP11-310E22.5	--
ENSG00000231830	5.13E-15	-2.63127	1	1 XX-FW83128A1.2	--
ENSG00000231837	5.13E-15	-2.63127	1	1 RPS7P2	--
ENSG00000231838	5.13E-15	-2.63127	1	1 RP11-449H15.2	--
ENSG00000231839	5.13E-15	-2.63127	1	1 AC073055.2	--
ENSG00000231840	5.13E-15	-2.63127	1	1 AC073342.12	--
ENSG00000231846	5.13E-15	-2.63127	1	1 RP11-494I9.2	--
ENSG00000231848	5.13E-15	-2.63127	1	1 AC012354.8	--
ENSG00000231849	5.13E-15	-2.63127	1	1 UBE2V2P4	K10704
ENSG00000231850	5.13E-15	-2.63127	1	1 GAGE2B	--
ENSG00000231852	5.13E-15	-2.63127	1	1 CYP21A2	K00513
ENSG00000231855	5.13E-15	-2.63127	1	1 GLUDP5	K00261
ENSG00000231857	5.13E-15	-2.63127	1	1 MORF4L1P5	K11339
ENSG00000231858	5.13E-15	-2.63127	1	1 AC067945.4	--
ENSG00000231859	5.13E-15	-2.63127	1	1 AC007875.2	--
ENSG00000231861	5.13E-15	-2.63127	1	1 OR5K2	K04257
ENSG00000231863	5.13E-15	-2.63127	1	1 RP3-428L16.1	--
ENSG00000231864	5.13E-15	-2.63127	1	1 RP11-229P13.23	--
ENSG00000231866	5.13E-15	-2.63127	1	1 RP4-631H13.4	K18193
ENSG00000231867	5.13E-15	-2.63127	1	1 AP001625.5	--
ENSG00000231870	5.13E-15	-2.63127	1	1 KRT17P3	K07604
ENSG00000231873	5.13E-15	-2.63127	1	1 RP11-761N21.1	--
ENSG00000231874	5.13E-15	-2.63127	1	1 TSPY18P	K11284
ENSG00000231875	5.13E-15	-2.63127	1	1 RP11-346E8.1	--
ENSG00000231876	5.13E-15	-2.63127	1	1 AC009158.1	--
ENSG00000231877	5.13E-15	-2.63127	1	1 RP11-177F15.1	--
ENSG00000231879	5.13E-15	-2.63127	1	1 TXNL1P1	--
ENSG00000231880	5.13E-15	-2.63127	1	1 KBTBD4	K10472
ENSG00000231882	5.13E-15	-2.63127	1	1 F10-AS1	--

ENSG00000231883	5.13E-15	-2.63127	1	1 RP1-297M16.2	—
ENSG00000231884	5.13E-15	-2.63127	1	1 NDUFB1P1	K03957
ENSG00000231887	5.13E-15	-2.63127	1	1 PRH1	K13910
ENSG00000231892	5.13E-15	-2.63127	1	1 AC073316.2	—
ENSG00000231894	5.13E-15	-2.63127	1	1 WDR95P	—
ENSG00000231896	5.13E-15	-2.63127	1	1 AC019185.4	—
ENSG00000231897	5.13E-15	-2.63127	1	1 MARK2P14	—
ENSG00000231898	5.13E-15	-2.63127	1	1 AC012594.1	—
ENSG00000231900	5.13E-15	-2.63127	1	1 GOT2P1	K14455
ENSG00000231901	5.13E-15	-2.63127	1	1 RP11-281A20.1	—
ENSG00000231902	5.13E-15	-2.63127	1	1 RP11-29B9.2	—
ENSG00000231903	5.13E-15	-2.63127	1	1 AC079354.5	—
ENSG00000231906	5.13E-15	-2.63127	1	1 RP11-541M12.3	—
ENSG00000231907	5.13E-15	-2.63127	1	1 GAPDHP37	K00134
ENSG00000231909	5.13E-15	-2.63127	1	1 RP11-363E7.3	K10435
ENSG00000231910	5.13E-15	-2.63127	1	1 GAMTP2	K00542
ENSG00000231911	5.13E-15	-2.63127	1	1 TPRKBP1	K15901
ENSG00000231912	5.13E-15	-2.63127	1	1 RP1-249H1.2	—
ENSG00000231913	5.13E-15	-2.63127	1	1 RARRES2P3	K10044
ENSG00000231914	5.13E-15	-2.63127	1	1 LINC00387	—
ENSG00000231915	5.13E-15	-2.63127	1	1 SALL4P5	—
ENSG00000231916	5.13E-15	-2.63127	1	1 AC006033.22	—
ENSG00000231918	5.13E-15	-2.63127	1	1 AC007682.1	—
ENSG00000231922	5.13E-15	-2.63127	1	1 AL138479.3	—
ENSG00000231923	5.13E-15	-2.63127	1	1 AC024082.3	K13989
ENSG00000231926	5.13E-15	-2.63127	1	1 SEPHS1P7	K01008
ENSG00000231930	5.13E-15	-2.63127	1	1 AF228730.5	K02974
ENSG00000231931	5.13E-15	-2.63127	1	1 AC024082.4	—
ENSG00000231933	5.13E-15	-2.63127	1	1 CTA-125H2.2	—
ENSG00000231934	5.13E-15	-2.63127	1	1 RP4-610C12.1	—
ENSG00000231937	5.13E-15	-2.63127	1	1 RP11-329E24.6	—
ENSG00000231942	5.13E-15	-2.63127	1	1 HNRNPA1P36	K12741
ENSG00000231943	5.13E-15	-2.63127	1	1 RP11-395L14.4	—
ENSG00000231944	5.13E-15	-2.63127	1	1 PHKA1-AS1	—
ENSG00000231947	5.13E-15	-2.63127	1	1 MTND2P24	—
ENSG00000231948	5.13E-15	-2.63127	1	1 HS1BP3-IT1	—
ENSG00000231949	5.13E-15	-2.63127	1	1 RP4-591L5.2	—
ENSG00000231951	5.13E-15	-2.63127	1	1 AC004837.4	—
ENSG00000231953	5.13E-15	-2.63127	1	1 RP4-706G24.1	—
ENSG00000231954	5.13E-15	-2.63127	1	1 MTND2P22	K03879
ENSG00000231955	5.13E-15	-2.63127	1	1 AC007383.4	—
ENSG00000231956	5.13E-15	-2.63127	1	1 HNRNPA1P9	K12741
ENSG00000231957	5.13E-15	-2.63127	1	1 GNAI2P2	—
ENSG00000231961	5.13E-15	-2.63127	1	1 RP5-967N21.7	K02256
ENSG00000231962	5.13E-15	-2.63127	1	1 VN1R7P	K04614
ENSG00000231963	5.13E-15	-2.63127	1	1 RP11-493K23.4	—
ENSG00000231964	5.13E-15	-2.63127	1	1 RP11-67C2.2	—
ENSG00000231965	5.13E-15	-2.63127	1	1 AF131215.1	K02880
ENSG00000231967	5.13E-15	-2.63127	1	1 RP11-12D24.6	—
ENSG00000231969	5.13E-15	-2.63127	1	1 AC144449.1	—
ENSG00000231970	5.13E-15	-2.63127	1	1 RP11-452K12.7	—
ENSG00000231976	5.13E-15	-2.63127	1	1 LINC00202-2	—
ENSG00000231977	5.13E-15	-2.63127	1	1 RP5-963E22.4	—
ENSG00000231978	5.13E-15	-2.63127	1	1 RP11-132G19.3	—
ENSG00000231979	5.13E-15	-2.63127	1	1 RP11-35L17.3	—
ENSG00000231980	5.13E-15	-2.63127	1	1 AC011899.10	—
ENSG00000231981	5.13E-15	-2.63127	1	1 RPL7L1P12	—
ENSG00000231983	5.13E-15	-2.63127	1	1 LINC00415	—

ENSG00000231984	5.13E-15	-2.63127	1	1 RP11-2L13.1	-
ENSG00000231985	5.13E-15	-2.63127	1	1 RP11-82L20.1	-
ENSG00000231986	5.13E-15	-2.63127	1	1 AP000474.1	-
ENSG00000231987	5.13E-15	-2.63127	1	1 RP5-898J17.1	-
ENSG00000231988	5.13E-15	-2.63127	1	1 OFD1P3Y	K16480
ENSG00000231990	5.13E-15	-2.63127	1	1 RP11-53B5.1	-
ENSG00000231995	5.13E-15	-2.63127	1	1 RP11-111F5.2	K02936
ENSG00000231996	5.13E-15	-2.63127	1	1 RP4-581O6.1	K02924
ENSG00000231997	5.13E-15	-2.63127	1	1 FAM27D1	-
ENSG00000231999	5.13E-15	-2.63127	1	1 RP5-1007M22.2	-
ENSG00000232000	5.13E-15	-2.63127	1	1 RP11-54D18.3	K05012
ENSG00000232001	5.13E-15	-2.63127	1	1 AC108868.6	-
ENSG00000232003	5.13E-15	-2.63127	1	1 ZNF736P12Y	K09228
ENSG00000232006	5.13E-15	-2.63127	1	1 AC005537.2	-
ENSG00000232009	5.13E-15	-2.63127	1	1 RP11-571E6.4	-
ENSG00000232014	5.13E-15	-2.63127	1	1 MTND1P13	-
ENSG00000232015	5.13E-15	-2.63127	1	1 HSPE1P25	K04078
ENSG00000232018	5.13E-15	-2.63127	1	1 AL132709.8	-
ENSG00000232021	5.13E-15	-2.63127	1	1 LEF1-AS1	-
ENSG00000232023	5.13E-15	-2.63127	1	1 AC009410.1	-
ENSG00000232025	5.13E-15	-2.63127	1	1 RP1-218B13.1	-
ENSG00000232029	5.13E-15	-2.63127	1	1 TCEB1P15	-
ENSG00000232030	5.13E-15	-2.63127	1	1 MAGEB6P1	-
ENSG00000232032	5.13E-15	-2.63127	1	1 AC079781.7	-
ENSG00000232035	5.13E-15	-2.63127	1	1 RP11-87N24.3	-
ENSG00000232036	5.13E-15	-2.63127	1	1 GS1-115G20.2	K15331
ENSG00000232037	5.13E-15	-2.63127	1	1 RP11-26H16.1	K02889
ENSG00000232039	5.13E-15	-2.63127	1	1 DEFT1P2	K05230
ENSG00000232040	5.13E-15	-2.63127	1	1 SCAND3	K09230
ENSG00000232041	5.13E-15	-2.63127	1	1 PSMD10P3	K06694
ENSG00000232042	5.13E-15	-2.63127	1	1 RP11-45J1.1	K09550
ENSG00000232044	5.13E-15	-2.63127	1	1 LINC01105	-
ENSG00000232048	5.13E-15	-2.63127	1	1 HNRNPCP9	K12884
ENSG00000232050	5.13E-15	-2.63127	1	1 CTA-125H2.3	K10584
ENSG00000232053	5.13E-15	-2.63127	1	1 AC009784.3	-
ENSG00000232054	5.13E-15	-2.63127	1	1 NPM1P34	K11276
ENSG00000232056	5.13E-15	-2.63127	1	1 AC092687.4	-
ENSG00000232058	5.13E-15	-2.63127	1	1 AC005772.2	-
ENSG00000232064	5.13E-15	-2.63127	1	1 USP9YP33	-
ENSG00000232068	5.13E-15	-2.63127	1	1 AF003529.2	-
ENSG00000232069	5.13E-15	-2.63127	1	1 RPS29P28	K02980
ENSG00000232072	5.13E-15	-2.63127	1	1 AC004901.1	-
ENSG00000232073	5.13E-15	-2.63127	1	1 RP1-302D9.3	-
ENSG00000232077	5.13E-15	-2.63127	1	1 LINC01031	-
ENSG00000232079	5.13E-15	-2.63127	1	1 AL035610.1	-
ENSG00000232080	5.13E-15	-2.63127	1	1 XXbac-BPG254F23.	-
ENSG00000232081	5.13E-15	-2.63127	1	1 LARGE-IT1	-
ENSG00000232082	5.13E-15	-2.63127	1	1 RPS6KA2-IT1	-
ENSG00000232083	5.13E-15	-2.63127	1	1 RPL31P7	K02910
ENSG00000232084	5.13E-15	-2.63127	1	1 LINC01104	-
ENSG00000232085	5.13E-15	-2.63127	1	1 RP11-261C10.4	-
ENSG00000232086	5.13E-15	-2.63127	1	1 RP11-141J10.1	-
ENSG00000232087	5.13E-15	-2.63127	1	1 HCFC2P1	-
ENSG00000232089	5.13E-15	-2.63127	1	1 AC011233.2	-
ENSG00000232090	5.13E-15	-2.63127	1	1 AC016724.6	K03012
ENSG00000232091	5.13E-15	-2.63127	1	1 PNLIPP1	K09228
ENSG00000232096	5.13E-15	-2.63127	1	1 GS1-122H1.3	-
ENSG00000232097	5.13E-15	-2.63127	1	1 AC079781.8	K04257

ENSG00000232100	5.13E-15	-2.63127	1	1 RP11-152L7.2	-
ENSG00000232101	5.13E-15	-2.63127	1	1 AC108059.2	K07604
ENSG00000232102	5.13E-15	-2.63127	1	1 MTCO3P2	-
ENSG00000232105	5.13E-15	-2.63127	1	1 RPL32P28	-
ENSG00000232109	5.13E-15	-2.63127	1	1 AL022344.2	K04614
ENSG00000232111	5.13E-15	-2.63127	1	1 RP11-126O22.1	K00653
ENSG00000232113	5.13E-15	-2.63127	1	1 RP11-360D2.1	-
ENSG00000232114	5.13E-15	-2.63127	1	1 AC018693.5	K01639
ENSG00000232115	5.13E-15	-2.63127	1	1 RP11-123G9.1	-
ENSG00000232116	5.13E-15	-2.63127	1	1 RP11-187C18.2	-
ENSG00000232117	5.13E-15	-2.63127	1	1 LINC00384	-
ENSG00000232120	5.13E-15	-2.63127	1	1 RP11-349P19.1	-
ENSG00000232121	5.13E-15	-2.63127	1	1 RP13-30A9.1	-
ENSG00000232125	5.13E-15	-2.63127	1	1 DYTN	-
ENSG00000232128	5.13E-15	-2.63127	1	1 AC097374.4	-
ENSG00000232130	5.13E-15	-2.63127	1	1 RP11-143P4.2	-
ENSG00000232132	5.13E-15	-2.63127	1	1 NDFIP2-AS1	-
ENSG00000232135	5.13E-15	-2.63127	1	1 RP3-461P17.6	K02268
ENSG00000232136	5.13E-15	-2.63127	1	1 DUXAP7	K12479
ENSG00000232138	5.13E-15	-2.63127	1	1 IFNWP5	K05440
ENSG00000232139	5.13E-15	-2.63127	1	1 LINC00867	-
ENSG00000232140	5.13E-15	-2.63127	1	1 AC073257.1	-
ENSG00000232142	5.13E-15	-2.63127	1	1 RP11-367H5.8	K02975
ENSG00000232144	5.13E-15	-2.63127	1	1 PSAT1P2	K00831
ENSG00000232145	5.13E-15	-2.63127	1	1 RP11-307I2.1	K02898
ENSG00000232148	5.13E-15	-2.63127	1	1 FMO11P	-
ENSG00000232151	5.13E-15	-2.63127	1	1 RP11-353N4.8	-
ENSG00000232153	5.13E-15	-2.63127	1	1 AC073218.3	-
ENSG00000232154	5.13E-15	-2.63127	1	1 RP11-193H5.5	-
ENSG00000232155	5.13E-15	-2.63127	1	1 AF277315.19	-
ENSG00000232158	5.13E-15	-2.63127	1	1 RP11-252O2.2	-
ENSG00000232159	5.13E-15	-2.63127	1	1 RAB9BP1	K07899
ENSG00000232161	5.13E-15	-2.63127	1	1 RP11-548K12.7	-
ENSG00000232163	5.13E-15	-2.63127	1	1 RPLP1P13	K02942
ENSG00000232164	5.13E-15	-2.63127	1	1 AC092669.3	-
ENSG00000232165	5.13E-15	-2.63127	1	1 RP5-905H7.6	K04614
ENSG00000232167	5.13E-15	-2.63127	1	1 AC137675.1	-
ENSG00000232168	5.13E-15	-2.63127	1	1 RP11-180D15.1	K04274
ENSG00000232170	5.13E-15	-2.63127	1	1 LINC00708	-
ENSG00000232172	5.13E-15	-2.63127	1	1 RP11-57C19.2	K02885
ENSG00000232173	5.13E-15	-2.63127	1	1 OR2H5P	K04257
ENSG00000232174	5.13E-15	-2.63127	1	1 CTB-164L20.1	K02865
ENSG00000232175	5.13E-15	-2.63127	1	1 RP4-659I19.1	-
ENSG00000232177	5.13E-15	-2.63127	1	1 MTND4P24	K03881
ENSG00000232179	5.13E-15	-2.63127	1	1 RP11-100G15.2	-
ENSG00000232183	5.13E-15	-2.63127	1	1 RP6-27P15.2	-
ENSG00000232184	5.13E-15	-2.63127	1	1 RP11-370K11.1	-
ENSG00000232185	5.13E-15	-2.63127	1	1 CNOT7P2	K12581
ENSG00000232188	5.13E-15	-2.63127	1	1 RP11-312J18.6	-
ENSG00000232190	5.13E-15	-2.63127	1	1 RP11-134D3.1	-
ENSG00000232192	5.13E-15	-2.63127	1	1 RP11-62I21.1	-
ENSG00000232193	5.13E-15	-2.63127	1	1 AL157359.4	-
ENSG00000232195	5.13E-15	-2.63127	1	1 TOMM22P2	K17769
ENSG00000232196	5.13E-15	-2.63127	1	1 MTRNR2L4	K01982
ENSG00000232197	5.13E-15	-2.63127	1	1 RP11-302L19.1	-
ENSG00000232198	5.13E-15	-2.63127	1	1 RP4-633H17.2	-
ENSG00000232199	5.13E-15	-2.63127	1	1 RPL3P8	K02925
ENSG00000232200	5.13E-15	-2.63127	1	1 RP4-564O4.1	-

ENSG00000232202	5.13E-15	-2.63127	1	1 AC098824.6	K16729
ENSG00000232203	5.13E-15	-2.63127	1	1 SLC25A6P2	K05863
ENSG00000232204	5.13E-15	-2.63127	1	1 TET1P1	K13097
ENSG00000232205	5.13E-15	-2.63127	1	1 CDY18P	K00653
ENSG00000232208	5.13E-15	-2.63127	1	1 RP3-477M7.5	K09230
ENSG00000232210	5.13E-15	-2.63127	1	1 PHBP15	-
ENSG00000232211	5.13E-15	-2.63127	1	1 RP11-395D3.1	-
ENSG00000232212	5.13E-15	-2.63127	1	1 RP11-398M15.1	-
ENSG00000232215	5.13E-15	-2.63127	1	1 OR2L6P	K04257
ENSG00000232217	5.13E-15	-2.63127	1	1 FTLP8	K13625
ENSG00000232220	5.13E-15	-2.63127	1	1 AC008440.5	-
ENSG00000232222	5.13E-15	-2.63127	1	1 RP3-434O14.8	-
ENSG00000232223	5.13E-15	-2.63127	1	1 CNN2P10	-
ENSG00000232225	5.13E-15	-2.63127	1	1 LINC01047	-
ENSG00000232226	5.13E-15	-2.63127	1	1 ARSFP1	K12374
ENSG00000232227	5.13E-15	-2.63127	1	1 AC013401.2	-
ENSG00000232230	5.13E-15	-2.63127	1	1 TPM4P1	K10375
ENSG00000232234	5.13E-15	-2.63127	1	1 RP11-203H2.1	-
ENSG00000232235	5.13E-15	-2.63127	1	1 CDY3P	K00653
ENSG00000232238	5.13E-15	-2.63127	1	1 AC017080.1	K02980
ENSG00000232239	5.13E-15	-2.63127	1	1 RBPJP5	K06053
ENSG00000232240	5.13E-15	-2.63127	1	1 RP5-1125M8.3	-
ENSG00000232241	5.13E-15	-2.63127	1	1 DYNLT3P1	K10420
ENSG00000232242	5.13E-15	-2.63127	1	1 ZYG11AP1	-
ENSG00000232243	5.13E-15	-2.63127	1	1 RP11-408E5.5	-
ENSG00000232245	5.13E-15	-2.63127	1	1 RP4-705F19.1	-
ENSG00000232249	5.13E-15	-2.63127	1	1 LL0XNC01-37G1.2	K01787
ENSG00000232252	5.13E-15	-2.63127	1	1 RP11-30L8.1	-
ENSG00000232254	5.13E-15	-2.63127	1	1 CSF2RBP1	K04738
ENSG00000232258	5.13E-15	-2.63127	1	1 TMEM114	-
ENSG00000232261	5.13E-15	-2.63127	1	1 RP4-560B9.5	-
ENSG00000232263	5.13E-15	-2.63127	1	1 KRTAP25-1	-
ENSG00000232264	5.13E-15	-2.63127	1	1 USP17L24	K11845
ENSG00000232265	5.13E-15	-2.63127	1	1 XXyac-YX155B6.5	-
ENSG00000232267	5.13E-15	-2.63127	1	1 ACTR3P2	K18584
ENSG00000232268	5.13E-15	-2.63127	1	1 OR52I1	K04257
ENSG00000232271	5.13E-15	-2.63127	1	1 RP4-764O22.1	-
ENSG00000232273	5.13E-15	-2.63127	1	1 FTH1P1	K00522
ENSG00000232277	5.13E-15	-2.63127	1	1 AC104651.3	K14693
ENSG00000232281	5.13E-15	-2.63127	1	1 IFNWP15	K05440
ENSG00000232282	5.13E-15	-2.63127	1	1 MTND1P32	K03878
ENSG00000232283	5.13E-15	-2.63127	1	1 RP11-240L7.4	-
ENSG00000232285	5.13E-15	-2.63127	1	1 TCEB2P3	-
ENSG00000232286	5.13E-15	-2.63127	1	1 RP11-80K6.2	-
ENSG00000232287	5.13E-15	-2.63127	1	1 SLC6A1-AS1	-
ENSG00000232290	5.13E-15	-2.63127	1	1 RP1-292B18.3	-
ENSG00000232292	5.13E-15	-2.63127	1	1 ALDH7A1P2	K14085
ENSG00000232293	5.13E-15	-2.63127	1	1 PAICSP7	K01587
ENSG00000232294	5.13E-15	-2.63127	1	1 RP4-715N11.2	-
ENSG00000232296	5.13E-15	-2.63127	1	1 RP11-510N19.2	K12622
ENSG00000232298	5.13E-15	-2.63127	1	1 RP11-10N16.3	-
ENSG00000232299	5.13E-15	-2.63127	1	1 RP1-105O18.1	-
ENSG00000232300	5.13E-15	-2.63127	1	1 FAM215B	-
ENSG00000232301	5.13E-15	-2.63127	1	1 RP11-132A1.3	-
ENSG00000232305	5.13E-15	-2.63127	1	1 CLCP1	-
ENSG00000232306	5.13E-15	-2.63127	1	1 AC012485.2	-
ENSG00000232307	5.13E-15	-2.63127	1	1 DAOA-AS1	-
ENSG00000232309	5.13E-15	-2.63127	1	1 GS1-122H1.1	-

ENSG00000232311	5.13E-15	-2.63127	1	1 RP1-249I4.2	—
ENSG00000232314	5.13E-15	-2.63127	1	1 PSMC1P13	K03062
ENSG00000232325	5.13E-15	-2.63127	1	1 AC093627.7	—
ENSG00000232327	5.13E-15	-2.63127	1	1 RP11-395C17.1	—
ENSG00000232328	5.13E-15	-2.63127	1	1 AC011286.1	—
ENSG00000232332	5.13E-15	-2.63127	1	1 RP3-481A17.1	K07949
ENSG00000232333	5.13E-15	-2.63127	1	1 RPS27AP2	K02977
ENSG00000232334	5.13E-15	-2.63127	1	1 RP11-47G11.2	—
ENSG00000232335	5.13E-15	-2.63127	1	1 RP11-435D7.3	—
ENSG00000232337	5.13E-15	-2.63127	1	1 AC009313.2	K13179
ENSG00000232341	5.13E-15	-2.63127	1	1 RPL4P2	K02930
ENSG00000232342	5.13E-15	-2.63127	1	1 RP11-46O21.2	—
ENSG00000232344	5.13E-15	-2.63127	1	1 AC087163.2	K02981
ENSG00000232347	5.13E-15	-2.63127	1	1 RP11-488L18.8	—
ENSG00000232348	5.13E-15	-2.63127	1	1 LINC00279	—
ENSG00000232349	5.13E-15	-2.63127	1	1 YBX1P7	—
ENSG00000232350	5.13E-15	-2.63127	1	1 LL22NC03-102D1.1	—
ENSG00000232353	5.13E-15	-2.63127	1	1 RP11-655G22.1	—
ENSG00000232354	5.13E-15	-2.63127	1	1 VIPR1-AS1	—
ENSG00000232358	5.13E-15	-2.63127	1	1 RP5-955M13.4	—
ENSG00000232359	5.13E-15	-2.63127	1	1 AC104777.1	—
ENSG00000232360	5.13E-15	-2.63127	1	1 AP000281.2	—
ENSG00000232361	5.13E-15	-2.63127	1	1 RP11-632K21.3	K04969
ENSG00000232363	5.13E-15	-2.63127	1	1 RP1-102D24.5	—
ENSG00000232366	5.13E-15	-2.63127	1	1 VDAC1P9	K05862
ENSG00000232368	5.13E-15	-2.63127	1	1 FTLP2	K13625
ENSG00000232369	5.13E-15	-2.63127	1	1 RP5-882O7.4	K03767
ENSG00000232370	5.13E-15	-2.63127	1	1 AF241726.2	K09555
ENSG00000232373	5.13E-15	-2.63127	1	1 MTCYBP3	K00412
ENSG00000232374	5.13E-15	-2.63127	1	1 GPR79	K08377
ENSG00000232375	5.13E-15	-2.63127	1	1 RP11-136C24.1	—
ENSG00000232377	5.13E-15	-2.63127	1	1 AC016910.1	—
ENSG00000232378	5.13E-15	-2.63127	1	1 RPL29P28	K02905
ENSG00000232379	5.13E-15	-2.63127	1	1 RP11-308D16.1	K02891
ENSG00000232380	5.13E-15	-2.63127	1	1 ZDHHC20P4	K18932
ENSG00000232381	5.13E-15	-2.63127	1	1 OR52U1P	K04257
ENSG00000232382	5.13E-15	-2.63127	1	1 OR5K1	K04257
ENSG00000232383	5.13E-15	-2.63127	1	1 AC010677.5	K02894
ENSG00000232384	5.13E-15	-2.63127	1	1 RP11-204I15.1	—
ENSG00000232390	5.13E-15	-2.63127	1	1 NDUFA5P1	K03949
ENSG00000232391	5.13E-15	-2.63127	1	1 RANP2	K07936
ENSG00000232392	5.13E-15	-2.63127	1	1 AC002366.3	K14455
ENSG00000232393	5.13E-15	-2.63127	1	1 RPL5P6	K02932
ENSG00000232394	5.13E-15	-2.63127	1	1 AC090696.2	—
ENSG00000232395	5.13E-15	-2.63127	1	1 RP3-399L15.1	—
ENSG00000232399	5.13E-15	-2.63127	1	1 USP17L13	K11845
ENSG00000232400	5.13E-15	-2.63127	1	1 RAD17P1	K06662
ENSG00000232401	5.13E-15	-2.63127	1	1 LINC00112	—
ENSG00000232403	5.13E-15	-2.63127	1	1 RP11-511I11.1	—
ENSG00000232407	5.13E-15	-2.63127	1	1 RP11-641C17.2	K03767
ENSG00000232408	5.13E-15	-2.63127	1	1 AC140481.4	—
ENSG00000232409	5.13E-15	-2.63127	1	1 AC019185.3	—
ENSG00000232411	5.13E-15	-2.63127	1	1 AC009495.3	—
ENSG00000232413	5.13E-15	-2.63127	1	1 RP11-343J18.2	—
ENSG00000232415	5.13E-15	-2.63127	1	1 CTB-51J22.1	—
ENSG00000232416	5.13E-15	-2.63127	1	1 BPESC1	—
ENSG00000232417	5.13E-15	-2.63127	1	1 CT45A3	—
ENSG00000232418	5.13E-15	-2.63127	1	1 RP11-678B3.1	K04728

ENSG00000232419	5.13E-15	-2.63127	1	1 TTTY19	_
ENSG00000232420	5.13E-15	-2.63127	1	1 IL9RP2	K05073
ENSG00000232422	5.13E-15	-2.63127	1	1 KNOP1P4	_
ENSG00000232423	5.13E-15	-2.63127	1	1 PRAMEF6	_
ENSG00000232424	5.13E-15	-2.63127	1	1 USP9YP29	K11840
ENSG00000232426	5.13E-15	-2.63127	1	1 RP11-508M1.7	_
ENSG00000232429	5.13E-15	-2.63127	1	1 RPL21P131	K02889
ENSG00000232430	5.13E-15	-2.63127	1	1 RPL31P15	K02910
ENSG00000232431	5.13E-15	-2.63127	1	1 RP11-578F21.10	K08657
ENSG00000232433	5.13E-15	-2.63127	1	1 RP11-341A11.2	K13676
ENSG00000232436	5.13E-15	-2.63127	1	1 RP11-103C3.1	_
ENSG00000232437	5.13E-15	-2.63127	1	1 RP11-487I5.4	_
ENSG00000232438	5.13E-15	-2.63127	1	1 CTSLP7	K01365
ENSG00000232444	5.13E-15	-2.63127	1	1 AC010745.4	_
ENSG00000232446	5.13E-15	-2.63127	1	1 RP13-60P5.2	_
ENSG00000232447	5.13E-15	-2.63127	1	1 MTND5P3	K03883
ENSG00000232455	5.13E-15	-2.63127	1	1 LARS2-AS1	_
ENSG00000232458	5.13E-15	-2.63127	1	1 AC005029.1	_
ENSG00000232459	5.13E-15	-2.63127	1	1 OR4F14P	K04257
ENSG00000232461	5.13E-15	-2.63127	1	1 RP11-644C3.1	_
ENSG00000232462	5.13E-15	-2.63127	1	1 RP11-13E1.5	_
ENSG00000232463	5.13E-15	-2.63127	1	1 RP11-195C7.2	K02873
ENSG00000232464	5.13E-15	-2.63127	1	1 CTA-125H2.1	_
ENSG00000232465	5.13E-15	-2.63127	1	1 RP5-1022J11.2	_
ENSG00000232466	5.13E-15	-2.63127	1	1 RP11-337A23.5	K11253
ENSG00000232467	5.13E-15	-2.63127	1	1 TMA16P2	K14860
ENSG00000232471	5.13E-15	-2.63127	1	1 RP11-241F15.7	K17299
ENSG00000232474	5.13E-15	-2.63127	1	1 NCKAP5-IT1	_
ENSG00000232475	5.13E-15	-2.63127	1	1 HSFY5P	_
ENSG00000232478	5.13E-15	-2.63127	1	1 CT45A1	_
ENSG00000232482	5.13E-15	-2.63127	1	1 RP4-654C18.1	K03111
ENSG00000232489	5.13E-15	-2.63127	1	1 MFAP1P1	K13110
ENSG00000232492	5.13E-15	-2.63127	1	1 NPM1P13	K11276
ENSG00000232493	5.13E-15	-2.63127	1	1 RPL12P11	K02870
ENSG00000232494	5.13E-15	-2.63127	1	1 RP11-403N16.2	_
ENSG00000232495	5.13E-15	-2.63127	1	1 AC069287.1	_
ENSG00000232496	5.13E-15	-2.63127	1	1 RPL3P12	K02925
ENSG00000232497	5.13E-15	-2.63127	1	1 ADIPOR1P1	K07297
ENSG00000232498	5.13E-15	-2.63127	1	1 RP5-1011O1.2	_
ENSG00000232500	5.13E-15	-2.63127	1	1 AP005273.1	_
ENSG00000232502	5.13E-15	-2.63127	1	1 AC073464.7	_
ENSG00000232503	5.13E-15	-2.63127	1	1 CYCSP8	_
ENSG00000232505	5.13E-15	-2.63127	1	1 XXbac-BPG308J9.3	_
ENSG00000232508	5.13E-15	-2.63127	1	1 MRPL45P1	K17426
ENSG00000232511	5.13E-15	-2.63127	1	1 OR2AH1P	K04257
ENSG00000232512	5.13E-15	-2.63127	1	1 7SK	_
ENSG00000232514	5.13E-15	-2.63127	1	1 RP11-329A14.2	K02889
ENSG00000232515	5.13E-15	-2.63127	1	1 LL22NC03-75A1.9	_
ENSG00000232517	5.13E-15	-2.63127	1	1 AC112198.1	K08115
ENSG00000232518	5.13E-15	-2.63127	1	1 AC074366.3	_
ENSG00000232520	5.13E-15	-2.63127	1	1 AC012507.3	_
ENSG00000232522	5.13E-15	-2.63127	1	1 ZNF886P	K09228
ENSG00000232524	5.13E-15	-2.63127	1	1 RP11-332K15.1	_
ENSG00000232525	5.13E-15	-2.63127	1	1 SS18L2P1	_
ENSG00000232528	5.13E-15	-2.63127	1	1 RP4-673D20.3	_
ENSG00000232529	5.13E-15	-2.63127	1	1 RP1-257I9.2	_
ENSG00000232530	5.13E-15	-2.63127	1	1 RP1-102K2.6	_
ENSG00000232532	5.13E-15	-2.63127	1	1 RP11-63K6.7	_

ENSG00000232535	5.13E-15	-2.63127	1	1 OR5H8P	K04257
ENSG00000232537	5.13E-15	-2.63127	1	1 RP11-385M4.1	-
ENSG00000232539	5.13E-15	-2.63127	1	1 LINC00945	-
ENSG00000232542	5.13E-15	-2.63127	1	1 DPYD-IT1	-
ENSG00000232543	5.13E-15	-2.63127	1	1 IGHD4-11	-
ENSG00000232548	5.13E-15	-2.63127	1	1 AC010744.1	-
ENSG00000232549	5.13E-15	-2.63127	1	1 SRD5A1P1	K12343
ENSG00000232551	5.13E-15	-2.63127	1	1 RP11-233E12.2	K02256
ENSG00000232554	5.13E-15	-2.63127	1	1 RSU1P2	-
ENSG00000232556	5.13E-15	-2.63127	1	1 AC092570.4	K01285
ENSG00000232557	5.13E-15	-2.63127	1	1 RP11-4M23.3	-
ENSG00000232558	5.13E-15	-2.63127	1	1 KCND3-IT1	-
ENSG00000232562	5.13E-15	-2.63127	1	1 TPMTP3	K00569
ENSG00000232563	5.13E-15	-2.63127	1	1 AC026214.2	-
ENSG00000232567	5.13E-15	-2.63127	1	1 GLUD1P8	K00261
ENSG00000232576	5.13E-15	-2.63127	1	1 RP11-137D19.1	K06689
ENSG00000232579	5.13E-15	-2.63127	1	1 CTD-3105H18.10	-
ENSG00000232581	5.13E-15	-2.63127	1	1 AC079742.4	-
ENSG00000232582	5.13E-15	-2.63127	1	1 RP11-85L21.5	-
ENSG00000232583	5.13E-15	-2.63127	1	1 GPR143P	-
ENSG00000232585	5.13E-15	-2.63127	1	1 OFD1P12Y	K16480
ENSG00000232590	5.13E-15	-2.63127	1	1 RP11-128I7.1	-
ENSG00000232591	5.13E-15	-2.63127	1	1 RP5-1031D4.2	-
ENSG00000232593	5.13E-15	-2.63127	1	1 LINC01155	-
ENSG00000232594	5.13E-15	-2.63127	1	1 AC103563.3	-
ENSG00000232595	5.13E-15	-2.63127	1	1 CST2P1	-
ENSG00000232596	5.13E-15	-2.63127	1	1 RP1-37J18.2	-
ENSG00000232597	5.13E-15	-2.63127	1	1 AC013727.1	-
ENSG00000232598	5.13E-15	-2.63127	1	1 RP1-90K10.4	-
ENSG00000232599	5.13E-15	-2.63127	1	1 RP1-161N10.1	-
ENSG00000232601	5.13E-15	-2.63127	1	1 RP11-393N4.1	-
ENSG00000232603	5.13E-15	-2.63127	1	1 LL22NC03-22A12.1	-
ENSG00000232604	5.13E-15	-2.63127	1	1 AC010967.3	-
ENSG00000232605	5.13E-15	-2.63127	1	1 HMGN2P11	K11300
ENSG00000232606	5.13E-15	-2.63127	1	1 AC010090.1	-
ENSG00000232610	5.13E-15	-2.63127	1	1 CCT6P4	K09498
ENSG00000232612	5.13E-15	-2.63127	1	1 RPL31P35	K02910
ENSG00000232613	5.13E-15	-2.63127	1	1 AC007386.4	-
ENSG00000232614	5.13E-15	-2.63127	1	1 USP9YP9	-
ENSG00000232617	5.13E-15	-2.63127	1	1 AC017019.1	K12885
ENSG00000232620	5.13E-15	-2.63127	1	1 TSPY17P	K11284
ENSG00000232622	5.13E-15	-2.63127	1	1 RP11-484D4.3	K02978
ENSG00000232624	5.13E-15	-2.63127	1	1 RP11-478H13.3	-
ENSG00000232625	5.13E-15	-2.63127	1	1 AC009974.11	K02893
ENSG00000232626	5.13E-15	-2.63127	1	1 RP11-175B9.2	K09574
ENSG00000232629	5.13E-15	-2.63127	1	1 HLA-DQB2	K06752
ENSG00000232631	5.13E-15	-2.63127	1	1 MTND2P23	-
ENSG00000232633	5.13E-15	-2.63127	1	1 CTD-2201G3.1	-
ENSG00000232634	5.13E-15	-2.63127	1	1 NEFLP1	-
ENSG00000232636	5.13E-15	-2.63127	1	1 RP11-342C20.2	-
ENSG00000232638	5.13E-15	-2.63127	1	1 RP11-379F12.4	-
ENSG00000232642	5.13E-15	-2.63127	1	1 AC008073.7	-
ENSG00000232643	5.13E-15	-2.63127	1	1 LINC00385	-
ENSG00000232644	5.13E-15	-2.63127	1	1 GS1-466O4.3	-
ENSG00000232647	5.13E-15	-2.63127	1	1 POLR3KP1	K03019
ENSG00000232653	5.13E-15	-2.63127	1	1 GOLGA8N	K10595
ENSG00000232654	5.13E-15	-2.63127	1	1 FAM136BP	-
ENSG00000232655	5.13E-15	-2.63127	1	1 CTA-397C4.2	-

ENSG00000232658	5.13E-15	-2.63127	1	1 AC092638.1	K15282
ENSG00000232661	5.13E-15	-2.63127	1	1 AC000111.3	-
ENSG00000232663	5.13E-15	-2.63127	1	1 RP3-477M7.6	K02261
ENSG00000232664	5.13E-15	-2.63127	1	1 LARP1BP3	K18757
ENSG00000232665	5.13E-15	-2.63127	1	1 PHBP10	K17080
ENSG00000232667	5.13E-15	-2.63127	1	1 AC004862.6	-
ENSG00000232668	5.13E-15	-2.63127	1	1 AC010967.1	-
ENSG00000232672	5.13E-15	-2.63127	1	1 RP4-706L14.2	K05692
ENSG00000232675	5.13E-15	-2.63127	1	1 RP4-718D20.3	-
ENSG00000232676	5.13E-15	-2.63127	1	1 ADH5P2	K00121
ENSG00000232678	5.13E-15	-2.63127	1	1 SPTLC1P4	K00654
ENSG00000232679	5.13E-15	-2.63127	1	1 RP11-400N13.3	-
ENSG00000232680	5.13E-15	-2.63127	1	1 AC002511.3	-
ENSG00000232682	5.13E-15	-2.63127	1	1 RP11-388P9.2	-
ENSG00000232685	5.13E-15	-2.63127	1	1 LINC00442	-
ENSG00000232686	5.13E-15	-2.63127	1	1 ARID4B-IT1	-
ENSG00000232687	5.13E-15	-2.63127	1	1 RPL12P9	-
ENSG00000232688	5.13E-15	-2.63127	1	1 AC007403.1	-
ENSG00000232690	5.13E-15	-2.63127	1	1 HSPE1P9	K04078
ENSG00000232694	5.13E-15	-2.63127	1	1 XX-CR54.3	-
ENSG00000232695	5.13E-15	-2.63127	1	1 TCEB1P17	-
ENSG00000232696	5.13E-15	-2.63127	1	1 AC017006.2	-
ENSG00000232698	5.13E-15	-2.63127	1	1 AP001058.3	-
ENSG00000232701	5.13E-15	-2.63127	1	1 RPL21P108	K02889
ENSG00000232706	5.13E-15	-2.63127	1	1 NUTM2HP	-
ENSG00000232707	5.13E-15	-2.63127	1	1 AP1B1P2	K12392
ENSG00000232710	5.13E-15	-2.63127	1	1 RP4-669P10.16	-
ENSG00000232714	5.13E-15	-2.63127	1	1 MTND3P8	-
ENSG00000232715	5.13E-15	-2.63127	1	1 LINC01022	-
ENSG00000232716	5.13E-15	-2.63127	1	1 AC016831.6	-
ENSG00000232717	5.13E-15	-2.63127	1	1 TRIM51JP	K12019
ENSG00000232718	5.13E-15	-2.63127	1	1 GAPDHP48	K00134
ENSG00000232719	5.13E-15	-2.63127	1	1 RP11-13J8.1	-
ENSG00000232721	5.13E-15	-2.63127	1	1 RP11-403I13.5	-
ENSG00000232722	5.13E-15	-2.63127	1	1 MROH4P	-
ENSG00000232723	5.13E-15	-2.63127	1	1 AC013399.3	K02962
ENSG00000232728	5.13E-15	-2.63127	1	1 PHB2P1	K17081
ENSG00000232729	5.13E-15	-2.63127	1	1 AC083884.8	-
ENSG00000232730	5.13E-15	-2.63127	1	1 FAM8A4P	-
ENSG00000232732	5.13E-15	-2.63127	1	1 AC073043.1	-
ENSG00000232734	5.13E-15	-2.63127	1	1 ATP5G1P7	K02128
ENSG00000232735	5.13E-15	-2.63127	1	1 ATG4AP1	K08342
ENSG00000232736	5.13E-15	-2.63127	1	1 AC007551.2	K02437
ENSG00000232738	5.13E-15	-2.63127	1	1 RP5-986I17.2	-
ENSG00000232739	5.13E-15	-2.63127	1	1 RP11-25G10.2	-
ENSG00000232740	5.13E-15	-2.63127	1	1 AC062020.1	-
ENSG00000232743	5.13E-15	-2.63127	1	1 XXyac-YM21GA2.1	K09428
ENSG00000232744	5.13E-15	-2.63127	1	1 USP9YP16	-
ENSG00000232746	5.13E-15	-2.63127	1	1 RP11-767C1.1	-
ENSG00000232747	5.13E-15	-2.63127	1	1 IGKV1D-35	-
ENSG00000232748	5.13E-15	-2.63127	1	1 ZNF668	-
ENSG00000232749	5.13E-15	-2.63127	1	1 RP11-15B24.4	-
ENSG00000232750	5.13E-15	-2.63127	1	1 RP11-177A2.5	K02976
ENSG00000232751	5.13E-15	-2.63127	1	1 RP11-296O14.1	K02898
ENSG00000232752	5.13E-15	-2.63127	1	1 RP5-837O21.5	-
ENSG00000232753	5.13E-15	-2.63127	1	1 RP11-347K2.1	-
ENSG00000232754	5.13E-15	-2.63127	1	1 RP1-85F18.6	-
ENSG00000232756	5.13E-15	-2.63127	1	1 RP5-1185I7.1	-

ENSG00000232757	5.13E-15	-2.63127	1	1 ETF1P1	K03265
ENSG00000232760	5.13E-15	-2.63127	1	1 AC103564.6	-
ENSG00000232764	5.13E-15	-2.63127	1	1 TRIM60P8Y	K12029
ENSG00000232765	5.13E-15	-2.63127	1	1 RP11-382F24.2	-
ENSG00000232766	5.13E-15	-2.63127	1	1 AC098614.3	-
ENSG00000232767	5.13E-15	-2.63127	1	1 RP11-498B4.5	-
ENSG00000232771	5.13E-15	-2.63127	1	1 PPP1R26P5	K17565
ENSG00000232772	5.13E-15	-2.63127	1	1 MTND4P22	K03881
ENSG00000232773	5.13E-15	-2.63127	1	1 RP11-1396O13.15	-
ENSG00000232778	5.13E-15	-2.63127	1	1 RPL23AP50	K02893
ENSG00000232780	5.13E-15	-2.63127	1	1 RP5-871G17.5	K00134
ENSG00000232783	5.13E-15	-2.63127	1	1 AC073135.3	-
ENSG00000232784	5.13E-15	-2.63127	1	1 AC067961.1	-
ENSG00000232786	5.13E-15	-2.63127	1	1 TIMM9P3	K17777
ENSG00000232787	5.13E-15	-2.63127	1	1 OR7L1P	-
ENSG00000232788	5.13E-15	-2.63127	1	1 AC078883.3	-
ENSG00000232789	5.13E-15	-2.63127	1	1 AC053503.2	K07817
ENSG00000232790	5.13E-15	-2.63127	1	1 LINC01162	-
ENSG00000232791	5.13E-15	-2.63127	1	1 OR11I1P	K04257
ENSG00000232793	5.13E-15	-2.63127	1	1 DNAJC19P8	K09539
ENSG00000232794	5.13E-15	-2.63127	1	1 HNRNPDP1	K13044
ENSG00000232795	5.13E-15	-2.63127	1	1 SCAND3P1	-
ENSG00000232797	5.13E-15	-2.63127	1	1 FAM207CP	-
ENSG00000232798	5.13E-15	-2.63127	1	1 RP11-204M4.1	-
ENSG00000232799	5.13E-15	-2.63127	1	1 CRYGFP	-
ENSG00000232800	5.13E-15	-2.63127	1	1 SLC7A15P	-
ENSG00000232801	5.13E-15	-2.63127	1	1 SDCBPP3	K17254
ENSG00000232805	5.13E-15	-2.63127	1	1 NIP7P1	K07565
ENSG00000232806	5.13E-15	-2.63127	1	1 AP001610.9	-
ENSG00000232808	5.13E-15	-2.63127	1	1 TTTY20	-
ENSG00000232809	5.13E-15	-2.63127	1	1 VDAC1P10	K05862
ENSG00000232810	5.13E-15	-2.63127	1	1 TNF	K03156
ENSG00000232812	5.13E-15	-2.63127	1	1 RP11-459K23.2	-
ENSG00000232813	5.13E-15	-2.63127	1	1 RP11-344N17.2	-
ENSG00000232815	5.13E-15	-2.63127	1	1 LINC00537	-
ENSG00000232817	5.13E-15	-2.63127	1	1 RP11-73B2.4	-
ENSG00000232821	5.13E-15	-2.63127	1	1 AC003986.6	-
ENSG00000232823	5.13E-15	-2.63127	1	1 TXNP1	K03671
ENSG00000232824	5.13E-15	-2.63127	1	1 RP11-401A10.2	-
ENSG00000232825	5.13E-15	-2.63127	1	1 RP5-896L10.1	-
ENSG00000232827	5.13E-15	-2.63127	1	1 RP11-211N8.7	-
ENSG00000232828	5.13E-15	-2.63127	1	1 AF196970.3	-
ENSG00000232829	5.13E-15	-2.63127	1	1 GSTO3P	K00799
ENSG00000232830	5.13E-15	-2.63127	1	1 RP11-144C15.1	-
ENSG00000232832	5.13E-15	-2.63127	1	1 LMLN-AS1	-
ENSG00000232834	5.13E-15	-2.63127	1	1 RP11-12D5.3	K17284
ENSG00000232835	5.13E-15	-2.63127	1	1 AC107057.1	-
ENSG00000232837	5.13E-15	-2.63127	1	1 AF064858.7	-
ENSG00000232841	5.13E-15	-2.63127	1	1 AC098592.8	-
ENSG00000232842	5.13E-15	-2.63127	1	1 RP5-961K14.1	K11307
ENSG00000232843	5.13E-15	-2.63127	1	1 SNX18P2	K17299
ENSG00000232845	5.13E-15	-2.63127	1	1 TRAPPC2P9	-
ENSG00000232846	5.13E-15	-2.63127	1	1 SLC25A6P3	-
ENSG00000232848	5.13E-15	-2.63127	1	1 CTA-215D11.4	K02936
ENSG00000232849	5.13E-15	-2.63127	1	1 LINC00363	-
ENSG00000232851	5.13E-15	-2.63127	1	1 ATP5J2P3	K02130
ENSG00000232852	5.13E-15	-2.63127	1	1 CICP4	K16941
ENSG00000232853	5.13E-15	-2.63127	1	1 LUZP4P1	-

ENSG00000232855	5.13E-15	-2.63127	1	1 AF131217.1	-
ENSG00000232857	5.13E-15	-2.63127	1	1 KATNBL1P2	-
ENSG00000232858	5.13E-15	-2.63127	1	1 RPL34P27	K02915
ENSG00000232863	5.13E-15	-2.63127	1	1 RP11-327I22.1	-
ENSG00000232864	5.13E-15	-2.63127	1	1 CTD-2090I13.2	-
ENSG00000232866	5.13E-15	-2.63127	1	1 AL513478.1	-
ENSG00000232867	5.13E-15	-2.63127	1	1 RP11-179D22.1	K02929
ENSG00000232869	5.13E-15	-2.63127	1	1 TRBV29-1	-
ENSG00000232871	5.13E-15	-2.63127	1	1 SEC1P	K00718
ENSG00000232873	5.13E-15	-2.63127	1	1 AC046143.6	K02893
ENSG00000232875	5.13E-15	-2.63127	1	1 HMGN2P35	K11300
ENSG00000232878	5.13E-15	-2.63127	1	1 DPYD-AS1	-
ENSG00000232879	5.13E-15	-2.63127	1	1 RP11-544M22.3	K07390
ENSG00000232880	5.13E-15	-2.63127	1	1 RP3-453C12.8	K03960
ENSG00000232881	5.13E-15	-2.63127	1	1 RPS10P21	-
ENSG00000232883	5.13E-15	-2.63127	1	1 RP11-302I18.1	K02941
ENSG00000232884	5.13E-15	-2.63127	1	1 AF127936.3	-
ENSG00000232885	5.13E-15	-2.63127	1	1 GPC5-AS2	-
ENSG00000232886	5.13E-15	-2.63127	1	1 AF212831.2	-
ENSG00000232887	5.13E-15	-2.63127	1	1 AC006466.5	-
ENSG00000232889	5.13E-15	-2.63127	1	1 AC087499.4	K17287
ENSG00000232891	5.13E-15	-2.63127	1	1 RP11-136K14.1	-
ENSG00000232892	5.13E-15	-2.63127	1	1 RP11-267N12.1	-
ENSG00000232893	5.13E-15	-2.63127	1	1 AC019068.2	-
ENSG00000232894	5.13E-15	-2.63127	1	1 MRPS31P2	K17410
ENSG00000232895	5.13E-15	-2.63127	1	1 RP4-543J13.1	-
ENSG00000232896	5.13E-15	-2.63127	1	1 RP11-410K21.2	-
ENSG00000232897	5.13E-15	-2.63127	1	1 RP11-191L9.5	K02937
ENSG00000232899	5.13E-15	-2.63127	1	1 CDY9P	-
ENSG00000232900	5.13E-15	-2.63127	1	1 RP4-697P8.3	-
ENSG00000232903	5.13E-15	-2.63127	1	1 LINC01166	-
ENSG00000232905	5.13E-15	-2.63127	1	1 RP11-534I8.1	K14801
ENSG00000232906	5.13E-15	-2.63127	1	1 RP11-746P2.3	K09228
ENSG00000232908	5.13E-15	-2.63127	1	1 HSD17B7P1	K13373
ENSG00000232910	5.13E-15	-2.63127	1	1 RAB9AP1	K07899
ENSG00000232913	5.13E-15	-2.63127	1	1 RP11-429H9.4	-
ENSG00000232914	5.13E-15	-2.63127	1	1 TRAPPC2P4	-
ENSG00000232915	5.13E-15	-2.63127	1	1 AC097721.1	K11971
ENSG00000232916	5.13E-15	-2.63127	1	1 HMGN2P27	K11300
ENSG00000232917	5.13E-15	-2.63127	1	1 HSPE1P6	K04078
ENSG00000232918	5.13E-15	-2.63127	1	1 RP11-366L18.1	K02889
ENSG00000232920	5.13E-15	-2.63127	1	1 RP11-465M18.1	-
ENSG00000232922	5.13E-15	-2.63127	1	1 AC004112.5	-
ENSG00000232924	5.13E-15	-2.63127	1	1 TCEB1P4	-
ENSG00000232925	5.13E-15	-2.63127	1	1 MRPS16P2	K02959
ENSG00000232927	5.13E-15	-2.63127	1	1 USP12PY	K11842
ENSG00000232928	5.13E-15	-2.63127	1	1 DDX3YP1	K17642
ENSG00000232930	5.13E-15	-2.63127	1	1 AC083864.3	-
ENSG00000232934	5.13E-15	-2.63127	1	1 RP11-324O2.3	-
ENSG00000232935	5.13E-15	-2.63127	1	1 RP11-223P11.2	-
ENSG00000232937	5.13E-15	-2.63127	1	1 RP11-98D18.2	-
ENSG00000232939	5.13E-15	-2.63127	1	1 RP11-406O23.2	-
ENSG00000232940	5.13E-15	-2.63127	1	1 HCG25	-
ENSG00000232941	5.13E-15	-2.63127	1	1 AC090186.1	-
ENSG00000232943	5.13E-15	-2.63127	1	1 RP4-717M23.2	K00682
ENSG00000232944	5.13E-15	-2.63127	1	1 RP13-492C18.1	-
ENSG00000232946	5.13E-15	-2.63127	1	1 RP11-390F4.2	K02917
ENSG00000232947	5.13E-15	-2.63127	1	1 RP11-401E14.2	-

ENSG00000232948	5.13E-15	-2.63127	1	1 DEFB130	—
ENSG00000232950	5.13E-15	-2.63127	1	1 RP11-36D19.4	K09228
ENSG00000232951	5.13E-15	-2.63127	1	1 IPO7P1	—
ENSG00000232952	5.13E-15	-2.63127	1	1 RP11-90H3.1	K13213
ENSG00000232953	5.13E-15	-2.63127	1	1 HSPA8P18	K03283
ENSG00000232954	5.13E-15	-2.63127	1	1 LINC00374	—
ENSG00000232958	5.13E-15	-2.63127	1	1 AC091069.1	—
ENSG00000232959	5.13E-15	-2.63127	1	1 RP11-332H17.1	—
ENSG00000232963	5.13E-15	-2.63127	1	1 HMGN2P20	K11300
ENSG00000232964	5.13E-15	-2.63127	1	1 RP11-543E8.1	—
ENSG00000232965	5.13E-15	-2.63127	1	1 RPS12P18	K02951
ENSG00000232968	5.13E-15	-2.63127	1	1 AC008163.6	—
ENSG00000232969	5.13E-15	-2.63127	1	1 AP001062.9	—
ENSG00000232970	5.13E-15	-2.63127	1	1 POLHP1	K03509
ENSG00000232971	5.13E-15	-2.63127	1	1 RP11-293A10.3	—
ENSG00000232975	5.13E-15	-2.63127	1	1 RP5-945F2.1	K02256
ENSG00000232976	5.13E-15	-2.63127	1	1 TRIM60P10Y	K12029
ENSG00000232977	5.13E-15	-2.63127	1	1 LINC00327	—
ENSG00000232978	5.13E-15	-2.63127	1	1 RP11-146N23.4	—
ENSG00000232979	5.13E-15	-2.63127	1	1 AC092580.2	—
ENSG00000232981	5.13E-15	-2.63127	1	1 RP11-117O7.2	K02256
ENSG00000232982	5.13E-15	-2.63127	1	1 AC092662.2	—
ENSG00000232983	5.13E-15	-2.63127	1	1 RP11-296L22.7	—
ENSG00000232985	5.13E-15	-2.63127	1	1 RP11-442O18.1	—
ENSG00000232986	5.13E-15	-2.63127	1	1 RP11-179A7.2	—
ENSG00000232989	5.13E-15	-2.63127	1	1 RP11-136B18.1	—
ENSG00000232990	5.13E-15	-2.63127	1	1 MTATP6P7	—
ENSG00000232991	5.13E-15	-2.63127	1	1 GACAT1	—
ENSG00000232992	5.13E-15	-2.63127	1	1 AHCYP4	K01251
ENSG00000232993	5.13E-15	-2.63127	1	1 RP11-334A14.5	—
ENSG00000232994	5.13E-15	-2.63127	1	1 RPL7P14	—
ENSG00000232998	5.13E-15	-2.63127	1	1 VPS13A-AS1	—
ENSG00000232999	5.13E-15	-2.63127	1	1 RP1-90J20.10	—
ENSG00000233002	5.13E-15	-2.63127	1	1 AC005324.6	—
ENSG00000233003	5.13E-15	-2.63127	1	1 CICP26	K16941
ENSG00000233005	5.13E-15	-2.63127	1	1 AC067959.1	—
ENSG00000233007	5.13E-15	-2.63127	1	1 AF241726.4	K09273
ENSG00000233008	5.13E-15	-2.63127	1	1 RP11-475O6.1	—
ENSG00000233009	5.13E-15	-2.63127	1	1 NALCN-AS1	—
ENSG00000233011	5.13E-15	-2.63127	1	1 SLC9A3P1	K12040
ENSG00000233012	5.13E-15	-2.63127	1	1 HDAC1P2	K06067
ENSG00000233013	5.13E-15	-2.63127	1	1 FAM157B	—
ENSG00000233014	5.13E-15	-2.63127	1	1 TBC1D3P7	—
ENSG00000233015	5.13E-15	-2.63127	1	1 SLC25A6P1	K05863
ENSG00000233017	5.13E-15	-2.63127	1	1 RP5-908M14.5	—
ENSG00000233020	5.13E-15	-2.63127	1	1 RP11-42O15.2	K16729
ENSG00000233021	5.13E-15	-2.63127	1	1 RP11-490E15.2	—
ENSG00000233022	5.13E-15	-2.63127	1	1 RP11-118H15.1	—
ENSG00000233026	5.13E-15	-2.63127	1	1 AC026166.2	—
ENSG00000233028	5.13E-15	-2.63127	1	1 RP4-725G10.4	K01166
ENSG00000233029	5.13E-15	-2.63127	1	1 RP11-439A17.9	—
ENSG00000233030	5.13E-15	-2.63127	1	1 RP11-196G18.3	—
ENSG00000233031	5.13E-15	-2.63127	1	1 AC125238.3	K03948
ENSG00000233033	5.13E-15	-2.63127	1	1 CASK-AS1	—
ENSG00000233036	5.13E-15	-2.63127	1	1 KRTAP8-2P	—
ENSG00000233037	5.13E-15	-2.63127	1	1 AC009237.10	K12019
ENSG00000233038	5.13E-15	-2.63127	1	1 AC011899.9	—
ENSG00000233039	5.13E-15	-2.63127	1	1 MTND5P30	K03883

ENSG00000233041	5.13E-15	-2.63127	1	1 PHGR1	-
ENSG00000233044	5.13E-15	-2.63127	1	1 RP1-137K2.2	-
ENSG00000233047	5.13E-15	-2.63127	1	1 RP11-24P14.1	-
ENSG00000233048	5.13E-15	-2.63127	1	1 RP5-1069C8.2	-
ENSG00000233050	5.13E-15	-2.63127	1	1 DEFB130	-
ENSG00000233055	5.13E-15	-2.63127	1	1 RP11-490D19.8	K03948
ENSG00000233057	5.13E-15	-2.63127	1	1 EEF1A1P14	K03231
ENSG00000233060	5.13E-15	-2.63127	1	1 AC016700.2	-
ENSG00000233061	5.13E-15	-2.63127	1	1 TTLL7-IT1	-
ENSG00000233063	5.13E-15	-2.63127	1	1 SAR1AP4	K07953
ENSG00000233064	5.13E-15	-2.63127	1	1 RP3-380B8.4	-
ENSG00000233067	5.13E-15	-2.63127	1	1 RP11-40F8.2	-
ENSG00000233069	5.13E-15	-2.63127	1	1 RP5-930J4.2	-
ENSG00000233070	5.13E-15	-2.63127	1	1 ZFY-AS1	-
ENSG00000233071	5.13E-15	-2.63127	1	1 RP4-635G19.1	K02998
ENSG00000233073	5.13E-15	-2.63127	1	1 AC005009.2	-
ENSG00000233074	5.13E-15	-2.63127	1	1 RP11-327I22.6	-
ENSG00000233075	5.13E-15	-2.63127	1	1 AL023583.1	K12606
ENSG00000233078	5.13E-15	-2.63127	1	1 RP11-5P18.5	-
ENSG00000233079	5.13E-15	-2.63127	1	1 RP11-90C4.3	-
ENSG00000233080	5.13E-15	-2.63127	1	1 CTA-714B7.5	-
ENSG00000233082	5.13E-15	-2.63127	1	1 AC073094.4	-
ENSG00000233083	5.13E-15	-2.63127	1	1 FTH1P6	-
ENSG00000233084	5.13E-15	-2.63127	1	1 AL672183.2	K02893
ENSG00000233085	5.13E-15	-2.63127	1	1 XXYac-YX65C7_A.1	-
ENSG00000233086	5.13E-15	-2.63127	1	1 RP11-375O18.2	-
ENSG00000233090	5.13E-15	-2.63127	1	1 AC015922.7	K17287
ENSG00000233093	5.13E-15	-2.63127	1	1 LINC00892	-
ENSG00000233099	5.13E-15	-2.63127	1	1 RP11-375A5.1	-
ENSG00000233103	5.13E-15	-2.63127	1	1 RP11-524P6.1	-
ENSG00000233105	5.13E-15	-2.63127	1	1 AC103563.4	K06856
ENSG00000233106	5.13E-15	-2.63127	1	1 RPL12P3	-
ENSG00000233107	5.13E-15	-2.63127	1	1 SUCLA2P2	K01900
ENSG00000233109	5.13E-15	-2.63127	1	1 RP11-22C8.1	-
ENSG00000233111	5.13E-15	-2.63127	1	1 RAB1C	K07875
ENSG00000233114	5.13E-15	-2.63127	1	1 RP4-533D7.3	K02271
ENSG00000233115	5.13E-15	-2.63127	1	1 FAM90A11P	-
ENSG00000233118	5.13E-15	-2.63127	1	1 UBE2V1P8	K10704
ENSG00000233120	5.13E-15	-2.63127	1	1 USP9YP15	-
ENSG00000233121	5.13E-15	-2.63127	1	1 VN1R20P	K04614
ENSG00000233123	5.13E-15	-2.63127	1	1 LINC01007	-
ENSG00000233124	5.13E-15	-2.63127	1	1 LINC00456	-
ENSG00000233126	5.13E-15	-2.63127	1	1 ZNF736P3Y	K09228
ENSG00000233128	5.13E-15	-2.63127	1	1 AC007317.1	-
ENSG00000233129	5.13E-15	-2.63127	1	1 RP5-837O21.2	-
ENSG00000233131	5.13E-15	-2.63127	1	1 AC096649.1	K02957
ENSG00000233132	5.13E-15	-2.63127	1	1 FAM90A3P	-
ENSG00000233133	5.13E-15	-2.63127	1	1 AC104451.2	K08776
ENSG00000233134	5.13E-15	-2.63127	1	1 AC009960.7	-
ENSG00000233135	5.13E-15	-2.63127	1	1 RPS27P18	-
ENSG00000233136	5.13E-15	-2.63127	1	1 USP17L11	K11845
ENSG00000233138	5.13E-15	-2.63127	1	1 RP1-67K17.3	-
ENSG00000233139	5.13E-15	-2.63127	1	1 RP11-38O23.4	K00819
ENSG00000233143	5.13E-15	-2.63127	1	1 AC009492.1	-
ENSG00000233144	5.13E-15	-2.63127	1	1 RP11-537A6.9	-
ENSG00000233145	5.13E-15	-2.63127	1	1 RP11-364B14.1	-
ENSG00000233146	5.13E-15	-2.63127	1	1 BPIFB5P	-
ENSG00000233147	5.13E-15	-2.63127	1	1 RP11-90C4.1	-

ENSG00000233148	5.13E-15	-2.63127	1	1 SYF2P2	-
ENSG00000233153	5.13E-15	-2.63127	1	1 UBE2E2-AS1	-
ENSG00000233154	5.13E-15	-2.63127	1	1 RP4-655J12.4	-
ENSG00000233155	5.13E-15	-2.63127	1	1 HMGA1P8	K09282
ENSG00000233156	5.13E-15	-2.63127	1	1 HSFY8P	-
ENSG00000233157	5.13E-15	-2.63127	1	1 RP3-388M5.8	-
ENSG00000233158	5.13E-15	-2.63127	1	1 RPS24P6	K02974
ENSG00000233159	5.13E-15	-2.63127	1	1 AC007390.4	K02910
ENSG00000233162	5.13E-15	-2.63127	1	1 MORF4L1P6	K11339
ENSG00000233163	5.13E-15	-2.63127	1	1 RP11-259F16.3	K02951
ENSG00000233167	5.13E-15	-2.63127	1	1 EEF1A1P26	K03231
ENSG00000233171	5.13E-15	-2.63127	1	1 RP11-459O16.3	K09228
ENSG00000233172	5.13E-15	-2.63127	1	1 RP11-12A20.6	-
ENSG00000233173	5.13E-15	-2.63127	1	1 VN1R34P	K04614
ENSG00000233176	5.13E-15	-2.63127	1	1 OR7E157P	K04257
ENSG00000233178	5.13E-15	-2.63127	1	1 RP11-88I18.2	-
ENSG00000233179	5.13E-15	-2.63127	1	1 RP11-536P6.3	-
ENSG00000233183	5.13E-15	-2.63127	1	1 RP3-468B3.2	-
ENSG00000233189	5.13E-15	-2.63127	1	1 RPL12P29	K02870
ENSG00000233190	5.13E-15	-2.63127	1	1 RPS24P13	K02974
ENSG00000233191	5.13E-15	-2.63127	1	1 AC006372.6	-
ENSG00000233193	5.13E-15	-2.63127	1	1 AC005324.7	-
ENSG00000233196	5.13E-15	-2.63127	1	1 GS1-304P7.1	-
ENSG00000233197	5.13E-15	-2.63127	1	1 TMEM256P1	-
ENSG00000233200	5.13E-15	-2.63127	1	1 RP11-324I22.2	-
ENSG00000233204	5.13E-15	-2.63127	1	1 MAPRE1P3	-
ENSG00000233206	5.13E-15	-2.63127	1	1 RPS3AP1	K02984
ENSG00000233207	5.13E-15	-2.63127	1	1 RP11-216M21.7	-
ENSG00000233208	5.13E-15	-2.63127	1	1 LINC00642	-
ENSG00000233211	5.13E-15	-2.63127	1	1 GRPEL2P1	K03687
ENSG00000233213	5.13E-15	-2.63127	1	1 KCNJ6-IT1	-
ENSG00000233214	5.13E-15	-2.63127	1	1 AC002511.2	-
ENSG00000233215	5.13E-15	-2.63127	1	1 AP000472.2	-
ENSG00000233216	5.13E-15	-2.63127	1	1 RP11-414C16.1	K05357
ENSG00000233217	5.13E-15	-2.63127	1	1 MROH3P	-
ENSG00000233218	5.13E-15	-2.63127	1	1 SNX18P16	K17299
ENSG00000233222	5.13E-15	-2.63127	1	1 RP11-216N14.9	-
ENSG00000233228	5.13E-15	-2.63127	1	1 LPCAT2BP	K13510
ENSG00000233229	5.13E-15	-2.63127	1	1 CNOT7P1	K12581
ENSG00000233234	5.13E-15	-2.63127	1	1 RP11-740P5.2	-
ENSG00000233235	5.13E-15	-2.63127	1	1 RP5-908D6.1	-
ENSG00000233236	5.13E-15	-2.63127	1	1 AP001171.1	-
ENSG00000233238	5.13E-15	-2.63127	1	1 DEFA9P	-
ENSG00000233243	5.13E-15	-2.63127	1	1 RP11-12D5.5	K05357
ENSG00000233244	5.13E-15	-2.63127	1	1 CYP4F59P	-
ENSG00000233248	5.13E-15	-2.63127	1	1 MTND6P9	-
ENSG00000233251	5.13E-15	-2.63127	1	1 AC007743.1	-
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ENSG00000233254	5.13E-15	-2.63127	1	1 RPL21P134	K02889
ENSG00000233255	5.13E-15	-2.63127	1	1 AC019181.2	-
ENSG00000233256	5.13E-15	-2.63127	1	1 RP11-445K13.2	-
ENSG00000233258	5.13E-15	-2.63127	1	1 RP11-219F10.1	-
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ENSG00000233260	5.13E-15	-2.63127	1	1 RPSAP63	K02998
ENSG00000233261	5.13E-15	-2.63127	1	1 LINC00264	-
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ENSG00000233263	5.13E-15	-2.63127	1	1 AC009518.2	K10364
ENSG00000233265	5.13E-15	-2.63127	1	1 MICF	K07985

ENSG00000233268	5.13E-15	-2.63127	1	1 RP11-558F24.2	-
ENSG00000233271	5.13E-15	-2.63127	1	1 RP11-12C17.2	-
ENSG00000233272	5.13E-15	-2.63127	1	1 PNPT1P2	-
ENSG00000233273	5.13E-15	-2.63127	1	1 AMMECR1LP1	-
ENSG00000233275	5.13E-15	-2.63127	1	1 AC009238.8	-
ENSG00000233277	5.13E-15	-2.63127	1	1 RP5-1030M6.3	-
ENSG00000233278	5.13E-15	-2.63127	1	1 RPS26P2	K02976
ENSG00000233285	5.13E-15	-2.63127	1	1 AC073869.13	-
ENSG00000233286	5.13E-15	-2.63127	1	1 MTND3P10	K03880
ENSG00000233287	5.13E-15	-2.63127	1	1 AC009362.2	K02901
ENSG00000233288	5.13E-15	-2.63127	1	1 RP11-760D2.5	-
ENSG00000233290	5.13E-15	-2.63127	1	1 RP11-147G16.1	-
ENSG00000233291	5.13E-15	-2.63127	1	1 RPL7AP61	K02936
ENSG00000233292	5.13E-15	-2.63127	1	1 RP11-341B24.3	K13203
ENSG00000233293	5.13E-15	-2.63127	1	1 RP11-410N8.3	-
ENSG00000233295	5.13E-15	-2.63127	1	1 FAM90A20P	-
ENSG00000233296	5.13E-15	-2.63127	1	1 AC092159.2	-
ENSG00000233299	5.13E-15	-2.63127	1	1 HIGD1AP4	-
ENSG00000233300	5.13E-15	-2.63127	1	1 EIF4A1P1	K03257
ENSG00000233301	5.13E-15	-2.63127	1	1 OR4C14P	K04257
ENSG00000233303	5.13E-15	-2.63127	1	1 XXYLT1-AS1	-
ENSG00000233304	5.13E-15	-2.63127	1	1 RP13-614K11.1	-
ENSG00000233306	5.13E-15	-2.63127	1	1 TRGV2	-
ENSG00000233307	5.13E-15	-2.63127	1	1 AC109815.2	K12892
ENSG00000233308	5.13E-15	-2.63127	1	1 OSTN-AS1	-
ENSG00000233309	5.13E-15	-2.63127	1	1 RPS6P12	-
ENSG00000233311	5.13E-15	-2.63127	1	1 AC009960.3	K02256
ENSG00000233313	5.13E-15	-2.63127	1	1 HMGA1P5	K09282
ENSG00000233316	5.13E-15	-2.63127	1	1 DSCR10	-
ENSG00000233318	5.13E-15	-2.63127	1	1 RP11-573G6.2	K02910
ENSG00000233320	5.13E-15	-2.63127	1	1 H2BFXP	K11252
ENSG00000233321	5.13E-15	-2.63127	1	1 RP11-482E14.1	-
ENSG00000233324	5.13E-15	-2.63127	1	1 EEF1A1P34	K03231
ENSG00000233329	5.13E-15	-2.63127	1	1 AC068287.1	K02960
ENSG00000233333	5.13E-15	-2.63127	1	1 RNFT1P2	-
ENSG00000233335	5.13E-15	-2.63127	1	1 AC016696.1	-
ENSG00000233336	5.13E-15	-2.63127	1	1 RP13-221M14.2	-
ENSG00000233338	5.13E-15	-2.63127	1	1 TLR8-AS1	-
ENSG00000233339	5.13E-15	-2.63127	1	1 AC018878.3	-
ENSG00000233340	5.13E-15	-2.63127	1	1 RP11-25C19.3	-
ENSG00000233342	5.13E-15	-2.63127	1	1 RP11-235G24.3	-
ENSG00000233349	5.13E-15	-2.63127	1	1 LINC00333	-
ENSG00000233351	5.13E-15	-2.63127	1	1 RP1-69D17.3	-
ENSG00000233352	5.13E-15	-2.63127	1	1 RP1-300I2.3	-
ENSG00000233353	5.13E-15	-2.63127	1	1 RPS7P9	K02993
ENSG00000233354	5.13E-15	-2.63127	1	1 LINC00028	-
ENSG00000233355	5.13E-15	-2.63127	1	1 CHRM3-AS2	-
ENSG00000233357	5.13E-15	-2.63127	1	1 RPL30P15	K02908
ENSG00000233358	5.13E-15	-2.63127	1	1 RP1-209A6.1	-
ENSG00000233359	5.13E-15	-2.63127	1	1 RP11-202K23.1	-
ENSG00000233363	5.13E-15	-2.63127	1	1 AC006019.4	-
ENSG00000233365	5.13E-15	-2.63127	1	1 RP4-655C5.4	-
ENSG00000233366	5.13E-15	-2.63127	1	1 ZNF90P2	K09228
ENSG00000233368	5.13E-15	-2.63127	1	1 RP11-277L2.3	-
ENSG00000233370	5.13E-15	-2.63127	1	1 AC092664.1	K16575
ENSG00000233372	5.13E-15	-2.63127	1	1 RP5-893G23.1	-
ENSG00000233373	5.13E-15	-2.63127	1	1 AC106874.3	-
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ENSG00000233377	5.13E-15	-2.63127	1	1 MTND4P20	-
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ENSG00000233379	5.13E-15	-2.63127	1	1 RP11-318G21.4	-
ENSG00000233380	5.13E-15	-2.63127	1	1 RPS2P48	K02981
ENSG00000233383	5.13E-15	-2.63127	1	1 RP11-324F21.1	-
ENSG00000233384	5.13E-15	-2.63127	1	1 RP11-100E13.1	-
ENSG00000233385	5.13E-15	-2.63127	1	1 RP11-3N2.9	-
ENSG00000233387	5.13E-15	-2.63127	1	1 RP11-342D11.3	-
ENSG00000233388	5.13E-15	-2.63127	1	1 RP4-569D19.5	K15430
ENSG00000233393	5.13E-15	-2.63127	1	1 AP000688.29	-
ENSG00000233394	5.13E-15	-2.63127	1	1 RP11-248D7.2	-
ENSG00000233395	5.13E-15	-2.63127	1	1 LINC00841	-
ENSG00000233397	5.13E-15	-2.63127	1	1 AC008063.3	-
ENSG00000233399	5.13E-15	-2.63127	1	1 RP11-111I12.1	-
ENSG00000233402	5.13E-15	-2.63127	1	1 TARDBPP1	-
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ENSG00000233405	5.13E-15	-2.63127	1	1 LINC01046	-
ENSG00000233407	5.13E-15	-2.63127	1	1 RP11-567C20.3	-
ENSG00000233408	5.13E-15	-2.63127	1	1 LA16c-23H5.4	-
ENSG00000233409	5.13E-15	-2.63127	1	1 FANK1-AS1	-
ENSG00000233410	5.13E-15	-2.63127	1	1 RP11-16L9.3	-
ENSG00000233411	5.13E-15	-2.63127	1	1 RP11-104L21.2	-
ENSG00000233412	5.13E-15	-2.63127	1	1 OR5H15	K04257
ENSG00000233414	5.13E-15	-2.63127	1	1 CNN2P5	-
ENSG00000233415	5.13E-15	-2.63127	1	1 RP11-101E14.3	-
ENSG00000233416	5.13E-15	-2.63127	1	1 AC012065.5	-
ENSG00000233417	5.13E-15	-2.63127	1	1 RP4-742N3.1	-
ENSG00000233419	5.13E-15	-2.63127	1	1 RP4-781L3.1	K06566
ENSG00000233420	5.13E-15	-2.63127	1	1 AC002127.4	-
ENSG00000233421	5.13E-15	-2.63127	1	1 U1	-
ENSG00000233423	5.13E-15	-2.63127	1	1 RP4-736H5.3	-
ENSG00000233424	5.13E-15	-2.63127	1	1 RP11-175I6.5	-
ENSG00000233425	5.13E-15	-2.63127	1	1 KRT18P67	K07604
ENSG00000233427	5.13E-15	-2.63127	1	1 RP1-212P9.3	-
ENSG00000233428	5.13E-15	-2.63127	1	1 AC019050.1	K03767
ENSG00000233430	5.13E-15	-2.63127	1	1 RP11-403I13.9	-
ENSG00000233432	5.13E-15	-2.63127	1	1 RP11-344P13.3	K02519
ENSG00000233433	5.13E-15	-2.63127	1	1 RP1-296G17.3	K17985
ENSG00000233434	5.13E-15	-2.63127	1	1 BX649567.1	-
ENSG00000233435	5.13E-15	-2.63127	1	1 AGGF1P2	-
ENSG00000233437	5.13E-15	-2.63127	1	1 RP13-580B18.1	K00871
ENSG00000233438	5.13E-15	-2.63127	1	1 AC109829.1	-
ENSG00000233440	5.13E-15	-2.63127	1	1 HMGA1P6	K09282
ENSG00000233441	5.13E-15	-2.63127	1	1 CYP2AB1P	K17857
ENSG00000233442	5.13E-15	-2.63127	1	1 PPP6R2P1	K15500
ENSG00000233444	5.13E-15	-2.63127	1	1 AC013262.1	K02261
ENSG00000233445	5.13E-15	-2.63127	1	1 RPL17P11	K02880
ENSG00000233446	5.13E-15	-2.63127	1	1 XXyac-YR12DB5.1	-
ENSG00000233447	5.13E-15	-2.63127	1	1 AC103563.6	-
ENSG00000233448	5.13E-15	-2.63127	1	1 PMS2P9	K10858
ENSG00000233449	5.13E-15	-2.63127	1	1 RP11-233E12.4	-
ENSG00000233451	5.13E-15	-2.63127	1	1 RP11-301N24.3	-
ENSG00000233454	5.13E-15	-2.63127	1	1 RP11-196D18.2	K01079
ENSG00000233456	5.13E-15	-2.63127	1	1 LINC01077	-
ENSG00000233457	5.13E-15	-2.63127	1	1 RP11-336N8.1	-
ENSG00000233459	5.13E-15	-2.63127	1	1 AC125238.2	-
ENSG00000233460	5.13E-15	-2.63127	1	1 RPL35AP31	K02917
ENSG00000233464	5.13E-15	-2.63127	1	1 RP11-133I21.2	-

ENSG00000233467	5.13E-15	-2.63127	1	1 U40455.1	K16220
ENSG00000233470	5.13E-15	-2.63127	1	1 RP11-524K22.1	-
ENSG00000233471	5.13E-15	-2.63127	1	1 KRT18P62	K07604
ENSG00000233472	5.13E-15	-2.63127	1	1 RP11-218D6.4	-
ENSG00000233473	5.13E-15	-2.63127	1	1 RAD1P2	K02830
ENSG00000233477	5.13E-15	-2.63127	1	1 RP11-45P22.2	K03767
ENSG00000233479	5.13E-15	-2.63127	1	1 AC017074.1	-
ENSG00000233480	5.13E-15	-2.63127	1	1 AP000946.2	-
ENSG00000233482	5.13E-15	-2.63127	1	1 RP11-78O9.1	-
ENSG00000233484	5.13E-15	-2.63127	1	1 RP11-74B21.1	K00412
ENSG00000233485	5.13E-15	-2.63127	1	1 RP3-467K16.2	-
ENSG00000233487	5.13E-15	-2.63127	1	1 AC011322.1	K02998
ENSG00000233489	5.13E-15	-2.63127	1	1 AC091652.2	K13211
ENSG00000233492	5.13E-15	-2.63127	1	1 RP5-984P4.4	-
ENSG00000233494	5.13E-15	-2.63127	1	1 AC009963.3	K01315
ENSG00000233496	5.13E-15	-2.63127	1	1 SYNJ2-IT1	-
ENSG00000233497	5.13E-15	-2.63127	1	1 HNRNPA1P60	K12741
ENSG00000233499	5.13E-15	-2.63127	1	1 OR5B1P	K04257
ENSG00000233501	5.13E-15	-2.63127	1	1 SRGAP2-AS1	-
ENSG00000233502	5.13E-15	-2.63127	1	1 AC104794.4	-
ENSG00000233503	5.13E-15	-2.63127	1	1 HNRNPLP1	K13159
ENSG00000233508	5.13E-15	-2.63127	1	1 RP1-269M15.3	-
ENSG00000233511	5.13E-15	-2.63127	1	1 RP1-128O3.5	-
ENSG00000233515	5.13E-15	-2.63127	1	1 AL022344.4	-
ENSG00000233516	5.13E-15	-2.63127	1	1 RP11-388N2.1	-
ENSG00000233517	5.13E-15	-2.63127	1	1 AC005162.5	-
ENSG00000233519	5.13E-15	-2.63127	1	1 RP11-177F11.1	-
ENSG00000233522	5.13E-15	-2.63127	1	1 FAM224A	-
ENSG00000233523	5.13E-15	-2.63127	1	1 PHBP5	-
ENSG00000233524	5.13E-15	-2.63127	1	1 RANP8	K07936
ENSG00000233526	5.13E-15	-2.63127	1	1 RP11-490H9.1	-
ENSG00000233528	5.13E-15	-2.63127	1	1 LINC00430	-
ENSG00000233529	5.13E-15	-2.63127	1	1 HCG21	-
ENSG00000233531	5.13E-15	-2.63127	1	1 DEFA10P	K05230
ENSG00000233532	5.13E-15	-2.63127	1	1 LINC00460	-
ENSG00000233533	5.13E-15	-2.63127	1	1 MKNK2P1	K04372
ENSG00000233534	5.13E-15	-2.63127	1	1 RP1-38C16.2	-
ENSG00000233535	5.13E-15	-2.63127	1	1 RP1-122K4.2	-
ENSG00000233536	5.13E-15	-2.63127	1	1 RP11-867G2.5	-
ENSG00000233537	5.13E-15	-2.63127	1	1 TEDDM1P1	-
ENSG00000233539	5.13E-15	-2.63127	1	1 AC011294.3	K00757
ENSG00000233540	5.13E-15	-2.63127	1	1 DN3-IT1	-
ENSG00000233541	5.13E-15	-2.63127	1	1 RPL31P47	K02910
ENSG00000233542	5.13E-15	-2.63127	1	1 RP11-547D24.1	-
ENSG00000233543	5.13E-15	-2.63127	1	1 CHTF8P1	-
ENSG00000233544	5.13E-15	-2.63127	1	1 EIF3KP2	K15028
ENSG00000233545	5.13E-15	-2.63127	1	1 CYCSP33	K08738
ENSG00000233546	5.13E-15	-2.63127	1	1 PRYP5	-
ENSG00000233548	5.13E-15	-2.63127	1	1 CYCSP44	K08738
ENSG00000233549	5.13E-15	-2.63127	1	1 CYCSP35	K08738
ENSG00000233550	5.13E-15	-2.63127	1	1 AC068137.11	-
ENSG00000233551	5.13E-15	-2.63127	1	1 RP11-335H2.2	K12620
ENSG00000233553	5.13E-15	-2.63127	1	1 AC108462.1	-
ENSG00000233555	5.13E-15	-2.63127	1	1 RP11-452D2.1	K02936
ENSG00000233557	5.13E-15	-2.63127	1	1 NFU1P2	-
ENSG00000233559	5.13E-15	-2.63127	1	1 AC016831.7	-
ENSG00000233562	5.13E-15	-2.63127	1	1 RP11-548N1.1	K02984
ENSG00000233563	5.13E-15	-2.63127	1	1 OR52E7P	K04257

ENSG00000233565	5.13E-15	-2.63127	1	1 RP11-42D20.1	K02905
ENSG00000233569	5.13E-15	-2.63127	1	1 RP11-500B12.1	—
ENSG00000233570	5.13E-15	-2.63127	1	1 LINC00690	—
ENSG00000233571	5.13E-15	-2.63127	1	1 RP11-545D19.1	—
ENSG00000233574	5.13E-15	-2.63127	1	1 CTA-929C8.5	—
ENSG00000233575	5.13E-15	-2.63127	1	1 RP11-459D20.1	K03123
ENSG00000233576	5.13E-15	-2.63127	1	1 RP11-778D9.9	K04819
ENSG00000233577	5.13E-15	-2.63127	1	1 RP3-462D8.2	—
ENSG00000233579	5.13E-15	-2.63127	1	1 KRT8P15	K07605
ENSG00000233581	5.13E-15	-2.63127	1	1 AC069155.1	—
ENSG00000233583	5.13E-15	-2.63127	1	1 RP4-635A23.3	—
ENSG00000233585	5.13E-15	-2.63127	1	1 AC115617.2	K07508
ENSG00000233586	5.13E-15	-2.63127	1	1 RP11-763B22.3	—
ENSG00000233587	5.13E-15	-2.63127	1	1 AC096570.1	—
ENSG00000233594	5.13E-15	-2.63127	1	1 BTF3P5	K01527
ENSG00000233595	5.13E-15	-2.63127	1	1 MTND2P29	K03879
ENSG00000233597	5.13E-15	-2.63127	1	1 RP11-343B5.1	K02885
ENSG00000233603	5.13E-15	-2.63127	1	1 JTBP1	—
ENSG00000233605	5.13E-15	-2.63127	1	1 AC073628.1	—
ENSG00000233606	5.13E-15	-2.63127	1	1 OR6C66P	K04257
ENSG00000233607	5.13E-15	-2.63127	1	1 AC068610.5	—
ENSG00000233609	5.13E-15	-2.63127	1	1 RP11-62H7.2	—
ENSG00000233610	5.13E-15	-2.63127	1	1 LINC00462	—
ENSG00000233615	5.13E-15	-2.63127	1	1 HNRNPA1P42	K12741
ENSG00000233616	5.13E-15	-2.63127	1	1 RP11-542K23.10	—
ENSG00000233619	5.13E-15	-2.63127	1	1 AC006328.9	—
ENSG00000233620	5.13E-15	-2.63127	1	1 RP11-22M7.2	—
ENSG00000233625	5.13E-15	-2.63127	1	1 RP5-905G11.3	—
ENSG00000233627	5.13E-15	-2.63127	1	1 C4A-AS1	—
ENSG00000233628	5.13E-15	-2.63127	1	1 VN2R5P	—
ENSG00000233630	5.13E-15	-2.63127	1	1 FAM138F	—
ENSG00000233632	5.13E-15	-2.63127	1	1 RP1-302D9.5	—
ENSG00000233633	5.13E-15	-2.63127	1	1 AC093326.3	—
ENSG00000233634	5.13E-15	-2.63127	1	1 GOT2P5	K14455
ENSG00000233639	5.13E-15	-2.63127	1	1 LINC01158	—
ENSG00000233640	5.13E-15	-2.63127	1	1 KRTAP13-5P	—
ENSG00000233642	5.13E-15	-2.63127	1	1 GPR158-AS1	—
ENSG00000233643	5.13E-15	-2.63127	1	1 RP11-491H19.1	—
ENSG00000233644	5.13E-15	-2.63127	1	1 ARHGEF7-IT1	—
ENSG00000233645	5.13E-15	-2.63127	1	1 RP11-431K24.4	—
ENSG00000233646	5.13E-15	-2.63127	1	1 OR52T1P	K04257
ENSG00000233648	5.13E-15	-2.63127	1	1 AC010095.6	K02271
ENSG00000233651	5.13E-15	-2.63127	1	1 RP11-111F5.8	—
ENSG00000233652	5.13E-15	-2.63127	1	1 CICIP1	K16941
ENSG00000233653	5.13E-15	-2.63127	1	1 CICIP7	K16941
ENSG00000233655	5.13E-15	-2.63127	1	1 IGHD4-4	—
ENSG00000233656	5.13E-15	-2.63127	1	1 RP11-716O23.1	—
ENSG00000233659	5.13E-15	-2.63127	1	1 NDUFA5P4	K03949
ENSG00000233661	5.13E-15	-2.63127	1	1 SPIN4-AS1	—
ENSG00000233662	5.13E-15	-2.63127	1	1 CALM2P4	K02183
ENSG00000233663	5.13E-15	-2.63127	1	1 RP11-497J7.1	—
ENSG00000233664	5.13E-15	-2.63127	1	1 NDUFS5P3	K03938
ENSG00000233665	5.13E-15	-2.63127	1	1 RP11-523O18.5	—
ENSG00000233670	5.13E-15	-2.63127	1	1 PIRT	—
ENSG00000233674	5.13E-15	-2.63127	1	1 RP11-184I16.3	K12160
ENSG00000233676	5.13E-15	-2.63127	1	1 FDPSP6	K00787
ENSG00000233677	5.13E-15	-2.63127	1	1 DDX39BP1	—
ENSG00000233680	5.13E-15	-2.63127	1	1 HNRNPA1P27	K12741

ENSG00000233681	5.13E-15	-2.63127	1	1 CEACAMP1	K06499
ENSG00000233682	5.13E-15	-2.63127	1	1 RP11-13P5.2	-
ENSG00000233683	5.13E-15	-2.63127	1	1 RP5-1106H14.1	K02934
ENSG00000233685	5.13E-15	-2.63127	1	1 OR6L1P	K04257
ENSG00000233686	5.13E-15	-2.63127	1	1 PIEZO1P1	-
ENSG00000233688	5.13E-15	-2.63127	1	1 CTD-2183H9.3	K14816
ENSG00000233689	5.13E-15	-2.63127	1	1 RP11-123O1.1	-
ENSG00000233691	5.13E-15	-2.63127	1	1 RP11-312J18.7	K14810
ENSG00000233693	5.13E-15	-2.63127	1	1 RP11-506O24.1	-
ENSG00000233699	5.13E-15	-2.63127	1	1 TTTY18	-
ENSG00000233701	5.13E-15	-2.63127	1	1 PRR23C	-
ENSG00000233702	5.13E-15	-2.63127	1	1 AC107083.1	-
ENSG00000233703	5.13E-15	-2.63127	1	1 RP11-20E23.1	-
ENSG00000233705	5.13E-15	-2.63127	1	1 SLC26A4-AS1	-
ENSG00000233706	5.13E-15	-2.63127	1	1 RP5-1087E8.3	-
ENSG00000233707	5.13E-15	-2.63127	1	1 RPL22P11	K02891
ENSG00000233708	5.13E-15	-2.63127	1	1 RP11-342M1.7	-
ENSG00000233709	5.13E-15	-2.63127	1	1 MTND4P28	-
ENSG00000233710	5.13E-15	-2.63127	1	1 RP4-808O4.2	K14396
ENSG00000233711	5.13E-15	-2.63127	1	1 EIF4EBP2P1	K18644
ENSG00000233712	5.13E-15	-2.63127	1	1 RP4-801G22.3	K06727
ENSG00000233713	5.13E-15	-2.63127	1	1 RP11-379P1.4	-
ENSG00000233714	5.13E-15	-2.63127	1	1 AC012506.2	-
ENSG00000233716	5.13E-15	-2.63127	1	1 AC074367.1	-
ENSG00000233717	5.13E-15	-2.63127	1	1 RP11-68I18.2	K02980
ENSG00000233718	5.13E-15	-2.63127	1	1 MYCNOS	-
ENSG00000233719	5.13E-15	-2.63127	1	1 GOT2P3	K14455
ENSG00000233720	5.13E-15	-2.63127	1	1 LL22NC03-30E12.1	-
ENSG00000233721	5.13E-15	-2.63127	1	1 RP11-205K6.1	-
ENSG00000233723	5.13E-15	-2.63127	1	1 LINC01122	-
ENSG00000233724	5.13E-15	-2.63127	1	1 RP11-252C24.2	K05633
ENSG00000233727	5.13E-15	-2.63127	1	1 RP11-380I20.2	-
ENSG00000233728	5.13E-15	-2.63127	1	1 RP11-109P14.9	-
ENSG00000233729	5.13E-15	-2.63127	1	1 AC016909.1	-
ENSG00000233730	5.13E-15	-2.63127	1	1 RP4-666F24.3	-
ENSG00000233732	5.13E-15	-2.63127	1	1 IGHV3OR16-10	K06856
ENSG00000233733	5.13E-15	-2.63127	1	1 H2AFZP6	K11251
ENSG00000233735	5.13E-15	-2.63127	1	1 RP11-567G24.3	-
ENSG00000233737	5.13E-15	-2.63127	1	1 RP11-573M3.4	K18193
ENSG00000233739	5.13E-15	-2.63127	1	1 RP5-1039K5.13	-
ENSG00000233740	5.13E-15	-2.63127	1	1 CICIP2	K16941
ENSG00000233741	5.13E-15	-2.63127	1	1 AC016691.2	K02901
ENSG00000233742	5.13E-15	-2.63127	1	1 RP11-472D17.2	-
ENSG00000233746	5.13E-15	-2.63127	1	1 LINC00656	-
ENSG00000233747	5.13E-15	-2.63127	1	1 RPL36AP13	K02929
ENSG00000233750	5.13E-15	-2.63127	1	1 CICIP27	K12581
ENSG00000233751	5.13E-15	-2.63127	1	1 AC104772.1	K07830
ENSG00000233752	5.13E-15	-2.63127	1	1 AC009414.1	K02889
ENSG00000233754	5.13E-15	-2.63127	1	1 AP001628.7	-
ENSG00000233755	5.13E-15	-2.63127	1	1 RP4-799D16.1	-
ENSG00000233756	5.13E-15	-2.63127	1	1 DSCAM-IT1	-
ENSG00000233757	5.13E-15	-2.63127	1	1 AC092835.2	-
ENSG00000233760	5.13E-15	-2.63127	1	1 AC004947.2	-
ENSG00000233764	5.13E-15	-2.63127	1	1 Z95114.4	-
ENSG00000233765	5.13E-15	-2.63127	1	1 RP11-154P18.2	-
ENSG00000233766	5.13E-15	-2.63127	1	1 AC098617.1	-
ENSG00000233767	5.13E-15	-2.63127	1	1 PSMA6P3	-
ENSG00000233771	5.13E-15	-2.63127	1	1 CICIP5	K16941

ENSG00000233774	5.13E-15	-2.63127	1	1 MED14P1	—
ENSG00000233778	5.13E-15	-2.63127	1	1 RP11-777J24.1	K02976
ENSG00000233780	5.13E-15	-2.63127	1	1 HNRNPA1P30	K12741
ENSG00000233782	5.13E-15	-2.63127	1	1 ZNF90P3	K09228
ENSG00000233786	5.13E-15	-2.63127	1	1 CDC27P1	K03350
ENSG00000233787	5.13E-15	-2.63127	1	1 CTD-2057J6.1	K10841
ENSG00000233788	5.13E-15	-2.63127	1	1 SPATA31A5	—
ENSG00000233791	5.13E-15	-2.63127	1	1 LINC01136	—
ENSG00000233792	5.13E-15	-2.63127	1	1 HDHD1P2	K17623
ENSG00000233796	5.13E-15	-2.63127	1	1 AC089999.1	K14808
ENSG00000233798	5.13E-15	-2.63127	1	1 RP11-417J8.2	—
ENSG00000233800	5.13E-15	-2.63127	1	1 RP11-295G24.4	—
ENSG00000233802	5.13E-15	-2.63127	1	1 TRIM49D2P	K12019
ENSG00000233803	5.13E-15	-2.63127	1	1 TSPY4	K11284
ENSG00000233805	5.13E-15	-2.63127	1	1 RP11-449J3.3	K18441
ENSG00000233807	5.13E-15	-2.63127	1	1 RP11-268G12.2	—
ENSG00000233810	5.13E-15	-2.63127	1	1 MOB1AP2	—
ENSG00000233812	5.13E-15	-2.63127	1	1 AC139426.2	—
ENSG00000233814	5.13E-15	-2.63127	1	1 RP11-66C24.1	—
ENSG00000233816	5.13E-15	-2.63127	1	1 IFNA13	K05414
ENSG00000233817	5.13E-15	-2.63127	1	1 RP11-168K11.3	—
ENSG00000233819	5.13E-15	-2.63127	1	1 RP1-43O17.2	—
ENSG00000233820	5.13E-15	-2.63127	1	1 RP11-535M15.2	K15687
ENSG00000233823	5.13E-15	-2.63127	1	1 RP3-443C4.2	—
ENSG00000233824	5.13E-15	-2.63127	1	1 AC003985.1	—
ENSG00000233828	5.13E-15	-2.63127	1	1 AC008394.1	—
ENSG00000233829	5.13E-15	-2.63127	1	1 AC017078.1	K02898
ENSG00000233832	5.13E-15	-2.63127	1	1 RP11-96F8.1	K01301
ENSG00000233833	5.13E-15	-2.63127	1	1 ETF1P3	K03265
ENSG00000233834	5.13E-15	-2.63127	1	1 AC005083.1	—
ENSG00000233835	5.13E-15	-2.63127	1	1 RP1-92C4.2	—
ENSG00000233836	5.13E-15	-2.63127	1	1 RP11-255H23.2	K09228
ENSG00000233837	5.13E-15	-2.63127	1	1 EIF3LP2	K15029
ENSG00000233839	5.13E-15	-2.63127	1	1 RP11-389O22.4	K02966
ENSG00000233840	5.13E-15	-2.63127	1	1 PCDH9-AS4	—
ENSG00000233842	5.13E-15	-2.63127	1	1 AC062031.1	—
ENSG00000233843	5.13E-15	-2.63127	1	1 CYCSP48	K08738
ENSG00000233844	5.13E-15	-2.63127	1	1 KCNQ5-IT1	—
ENSG00000233848	5.13E-15	-2.63127	1	1 RP3-348I23.2	—
ENSG00000233849	5.13E-15	-2.63127	1	1 AC022201.5	—
ENSG00000233850	5.13E-15	-2.63127	1	1 AC103563.8	—
ENSG00000233852	5.13E-15	-2.63127	1	1 AC005304.1	—
ENSG00000233854	5.13E-15	-2.63127	1	1 POU6F2-AS2	—
ENSG00000233858	5.13E-15	-2.63127	1	1 AC026904.1	—
ENSG00000233860	5.13E-15	-2.63127	1	1 RP11-359D14.2	—
ENSG00000233861	5.13E-15	-2.63127	1	1 RP13-36C9.4	K00736
ENSG00000233862	5.13E-15	-2.63127	1	1 AC016907.3	—
ENSG00000233863	5.13E-15	-2.63127	1	1 AC012215.1	—
ENSG00000233864	5.13E-15	-2.63127	1	1 TTTY15	—
ENSG00000233866	5.13E-15	-2.63127	1	1 LA16c-4G1.3	—
ENSG00000233867	5.13E-15	-2.63127	1	1 SLC9B1P3	—
ENSG00000233869	5.13E-15	-2.63127	1	1 AC016697.1	K02998
ENSG00000233870	5.13E-15	-2.63127	1	1 AC007881.4	K00884
ENSG00000233872	5.13E-15	-2.63127	1	1 AC005033.6	—
ENSG00000233873	5.13E-15	-2.63127	1	1 RPL7P44	K02937
ENSG00000233874	5.13E-15	-2.63127	1	1 RP1-136J15.5	K06030
ENSG00000233875	5.13E-15	-2.63127	1	1 RP11-61L14.6	—
ENSG00000233876	5.13E-15	-2.63127	1	1 GAPDHP68	K00134

ENSG00000233878	5.13E-15	-2.63127	1	1 AC073133.1	—
ENSG00000233880	5.13E-15	-2.63127	1	1 RP11-497J7.2	K08066
ENSG00000233882	5.13E-15	-2.63127	1	1 RP11-309H21.2	—
ENSG00000233884	5.13E-15	-2.63127	1	1 XXyac-YM21GA2.3	—
ENSG00000233887	5.13E-15	-2.63127	1	1 ERVWE2	—
ENSG00000233888	5.13E-15	-2.63127	1	1 AC009960.2	—
ENSG00000233889	5.13E-15	-2.63127	1	1 AL353698.1	—
ENSG00000233891	5.13E-15	-2.63127	1	1 AC007131.2	—
ENSG00000233892	5.13E-15	-2.63127	1	1 PAIP1P1	K14322
ENSG00000233893	5.13E-15	-2.63127	1	1 EZR-AS1	—
ENSG00000233894	5.13E-15	-2.63127	1	1 RP4-650F12.2	—
ENSG00000233895	5.13E-15	-2.63127	1	1 RP1-122P22.2	—
ENSG00000233896	5.13E-15	-2.63127	1	1 RP4-684O24.5	—
ENSG00000233900	5.13E-15	-2.63127	1	1 RPL17P35	—
ENSG00000233902	5.13E-15	-2.63127	1	1 XXbac-BPG181B23	K06751
ENSG00000233905	5.13E-15	-2.63127	1	1 LONRF2P2	—
ENSG00000233906	5.13E-15	-2.63127	1	1 RP11-315I14.2	—
ENSG00000233907	5.13E-15	-2.63127	1	1 RP4-617C6.1	—
ENSG00000233908	5.13E-15	-2.63127	1	1 RP11-425D10.1	K07910
ENSG00000233909	5.13E-15	-2.63127	1	1 UBE2V1P4	K10704
ENSG00000233910	5.13E-15	-2.63127	1	1 GTF2F2P2	—
ENSG00000233915	5.13E-15	-2.63127	1	1 UBE2Q2P10	K10582
ENSG00000233916	5.13E-15	-2.63127	1	1 ZDHHC20P1	K18932
ENSG00000233917	5.13E-15	-2.63127	1	1 POTE B	K17299
ENSG00000233918	5.13E-15	-2.63127	1	1 RP11-715L17.1	K14958
ENSG00000233919	5.13E-15	-2.63127	1	1 RP11-372H2.1	—
ENSG00000233920	5.13E-15	-2.63127	1	1 RP5-1061H20.5	—
ENSG00000233921	5.13E-15	-2.63127	1	1 RPS15AP40	K02957
ENSG00000233924	5.13E-15	-2.63127	1	1 AL160471.6	K02998
ENSG00000233926	5.13E-15	-2.63127	1	1 RP11-154D17.1	—
ENSG00000233928	5.13E-15	-2.63127	1	1 RP11-305F18.1	—
ENSG00000233932	5.13E-15	-2.63127	1	1 CTXN2	—
ENSG00000233933	5.13E-15	-2.63127	1	1 RP11-63P12.2	K00940
ENSG00000233934	5.13E-15	-2.63127	1	1 RPL21P38	K02889
ENSG00000233936	5.13E-15	-2.63127	1	1 RP11-399H11.2	—
ENSG00000233938	5.13E-15	-2.63127	1	1 PPP1R26P3	K17565
ENSG00000233939	5.13E-15	-2.63127	1	1 AC114755.4	K02900
ENSG00000233940	5.13E-15	-2.63127	1	1 RP11-248I9.2	K02870
ENSG00000233941	5.13E-15	-2.63127	1	1 RP11-404H14.1	—
ENSG00000233942	5.13E-15	-2.63127	1	1 AC004012.1	—
ENSG00000233943	5.13E-15	-2.63127	1	1 AC114973.1	K11094
ENSG00000233944	5.13E-15	-2.63127	1	1 LINC00265-3P	—
ENSG00000233945	5.13E-15	-2.63127	1	1 RP11-344L13.2	—
ENSG00000233946	5.13E-15	-2.63127	1	1 RP5-1114G22.1	—
ENSG00000233947	5.13E-15	-2.63127	1	1 RP11-336N8.2	K01940
ENSG00000233951	5.13E-15	-2.63127	1	1 RCC2P3	—
ENSG00000233952	5.13E-15	-2.63127	1	1 FTLP15	K13625
ENSG00000233953	5.13E-15	-2.63127	1	1 AC009970.1	—
ENSG00000233955	5.13E-15	-2.63127	1	1 AHCYP3	K01251
ENSG00000233960	5.13E-15	-2.63127	1	1 RP11-153N17.1	—
ENSG00000233962	5.13E-15	-2.63127	1	1 RP11-368M16.8	—
ENSG00000233968	5.13E-15	-2.63127	1	1 RP11-354E11.2	—
ENSG00000233969	5.13E-15	-2.63127	1	1 RP5-1006K12.1	—
ENSG00000233970	5.13E-15	-2.63127	1	1 AC092159.3	—
ENSG00000233971	5.13E-15	-2.63127	1	1 RPS20P10	K02969
ENSG00000233973	5.13E-15	-2.63127	1	1 RP4-598G3.1	—
ENSG00000233975	5.13E-15	-2.63127	1	1 RP11-288L9.1	—
ENSG00000233977	5.13E-15	-2.63127	1	1 RP11-310H4.2	—

ENSG00000233979	5.13E-15	-2.63127	1	1 AC002553.4	K02891
ENSG00000233980	5.13E-15	-2.63127	1	1 FDPSP2	K00787
ENSG00000233981	5.13E-15	-2.63127	1	1 RP3-380E11.2	-
ENSG00000233983	5.13E-15	-2.63127	1	1 RP4-735N21.1	-
ENSG00000233984	5.13E-15	-2.63127	1	1 RPSAP14	K02998
ENSG00000233985	5.13E-15	-2.63127	1	1 RP11-297H3.3	-
ENSG00000233987	5.13E-15	-2.63127	1	1 AC106706.1	-
ENSG00000233988	5.13E-15	-2.63127	1	1 ADAM6	-
ENSG00000233990	5.13E-15	-2.63127	1	1 RP11-401E9.3	K02873
ENSG00000233991	5.13E-15	-2.63127	1	1 AC116050.1	-
ENSG00000233993	5.13E-15	-2.63127	1	1 RP11-379J5.5	-
ENSG00000233995	5.13E-15	-2.63127	1	1 KB-67B5.12	K00922
ENSG00000233997	5.13E-15	-2.63127	1	1 AP000475.2	-
ENSG00000233999	5.13E-15	-2.63127	1	1 IGKV3OR2-268	-
ENSG00000234001	5.13E-15	-2.63127	1	1 AC000111.5	-
ENSG00000234005	5.13E-15	-2.63127	1	1 GAPDHP22	-
ENSG00000234006	5.13E-15	-2.63127	1	1 DDX39B-AS1	-
ENSG00000234007	5.13E-15	-2.63127	1	1 AC020601.1	-
ENSG00000234008	5.13E-15	-2.63127	1	1 PPP1R2P2	K16833
ENSG00000234011	5.13E-15	-2.63127	1	1 RP3-461P17.10	-
ENSG00000234015	5.13E-15	-2.63127	1	1 RP11-125M16.1	-
ENSG00000234016	5.13E-15	-2.63127	1	1 GNG10P1	K04545
ENSG00000234019	5.13E-15	-2.63127	1	1 RP11-236P24.3	-
ENSG00000234020	5.13E-15	-2.63127	1	1 CHIAP3	-
ENSG00000234021	5.13E-15	-2.63127	1	1 RP11-75C9.2	-
ENSG00000234022	5.13E-15	-2.63127	1	1 AC008278.2	-
ENSG00000234025	5.13E-15	-2.63127	1	1 RP11-257K9.3	-
ENSG00000234026	5.13E-15	-2.63127	1	1 RP11-310E22.4	-
ENSG00000234031	5.13E-15	-2.63127	1	1 RPS3AP44	K02984
ENSG00000234033	5.13E-15	-2.63127	1	1 RAC1P8	-
ENSG00000234034	5.13E-15	-2.63127	1	1 AP000959.2	-
ENSG00000234036	5.13E-15	-2.63127	1	1 TXNP6	K03671
ENSG00000234037	5.13E-15	-2.63127	1	1 RP11-347K2.2	-
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ENSG00000234039	5.13E-15	-2.63127	1	1 NDUFA5P7	-
ENSG00000234040	5.13E-15	-2.63127	1	1 RP11-254B13.4	K02866
ENSG00000234042	5.13E-15	-2.63127	1	1 RP11-452D2.2	-
ENSG00000234044	5.13E-15	-2.63127	1	1 AC108059.1	K11368
ENSG00000234047	5.13E-15	-2.63127	1	1 AC113612.1	K17985
ENSG00000234048	5.13E-15	-2.63127	1	1 FAM96AP1	-
ENSG00000234050	5.13E-15	-2.63127	1	1 LL0XNC01-237H1.3	-
ENSG00000234052	5.13E-15	-2.63127	1	1 AP001607.1	-
ENSG00000234055	5.13E-15	-2.63127	1	1 RP11-247A12.1	-
ENSG00000234056	5.13E-15	-2.63127	1	1 AMER2-AS1	-
ENSG00000234059	5.13E-15	-2.63127	1	1 CASKP1	-
ENSG00000234060	5.13E-15	-2.63127	1	1 AC016906.1	-
ENSG00000234061	5.13E-15	-2.63127	1	1 AC007969.4	K12162
ENSG00000234064	5.13E-15	-2.63127	1	1 RP11-450I1.2	-
ENSG00000234066	5.13E-15	-2.63127	1	1 TAS2R62P	K08474
ENSG00000234067	5.13E-15	-2.63127	1	1 RPL5P10	K02932
ENSG00000234068	5.13E-15	-2.63127	1	1 PAGE2	-
ENSG00000234069	5.13E-15	-2.63127	1	1 GAPDHP53	-
ENSG00000234070	5.13E-15	-2.63127	1	1 SPATA17-AS1	-
ENSG00000234071	5.13E-15	-2.63127	1	1 RP11-420H19.1	K17776
ENSG00000234073	5.13E-15	-2.63127	1	1 AC011816.1	K11586
ENSG00000234075	5.13E-15	-2.63127	1	1 RPL35AP	-
ENSG00000234080	5.13E-15	-2.63127	1	1 RP11-183G22.1	K02981
ENSG00000234081	5.13E-15	-2.63127	1	1 TCEB1P10	-

ENSG00000234083	5.13E-15	-2.63127	1	1	AJ006995.3	-
ENSG00000234085	5.13E-15	-2.63127	1	1	RP11-368M16.7	-
ENSG00000234086	5.13E-15	-2.63127	1	1	AL391994.1	-
ENSG00000234087	5.13E-15	-2.63127	1	1	CTD-3216D2.4	-
ENSG00000234088	5.13E-15	-2.63127	1	1	RPS15AP7	K02957
ENSG00000234089	5.13E-15	-2.63127	1	1	RP11-1217F2.15	-
ENSG00000234091	5.13E-15	-2.63127	1	1	RP11-353M9.1	-
ENSG00000234099	5.13E-15	-2.63127	1	1	MTND4P11	-
ENSG00000234102	5.13E-15	-2.63127	1	1	KRT19P4	K07604
ENSG00000234104	5.13E-15	-2.63127	1	1	RP5-1177M21.1	-
ENSG00000234105	5.13E-15	-2.63127	1	1	GS1-278J22.1	-
ENSG00000234106	5.13E-15	-2.63127	1	1	RP11-288E14.2	K03104
ENSG00000234107	5.13E-15	-2.63127	1	1	TPT1P1	-
ENSG00000234108	5.13E-15	-2.63127	1	1	RP11-115A15.2	K02266
ENSG00000234109	5.13E-15	-2.63127	1	1	RPL7P36	K02937
ENSG00000234110	5.13E-15	-2.63127	1	1	TSPY25P	-
ENSG00000234111	5.13E-15	-2.63127	1	1	RP11-364P22.1	-
ENSG00000234112	5.13E-15	-2.63127	1	1	RP11-145A3.4	K04668
ENSG00000234113	5.13E-15	-2.63127	1	1	AC008163.4	-
ENSG00000234115	5.13E-15	-2.63127	1	1	RP11-288G3.4	K00031
ENSG00000234116	5.13E-15	-2.63127	1	1	RP11-261C10.1	-
ENSG00000234117	5.13E-15	-2.63127	1	1	RP11-259P20.1	-
ENSG00000234119	5.13E-15	-2.63127	1	1	AC079248.1	K01265
ENSG00000234120	5.13E-15	-2.63127	1	1	AF228730.8	K02974
ENSG00000234121	5.13E-15	-2.63127	1	1	GPM6BP3	-
ENSG00000234122	5.13E-15	-2.63127	1	1	TRBV22OR9-2	K10785
ENSG00000234123	5.13E-15	-2.63127	1	1	RHBDF1P1	-
ENSG00000234124	5.13E-15	-2.63127	1	1	CSN1S2AP	-
ENSG00000234125	5.13E-15	-2.63127	1	1	EEF1GP8	K03233
ENSG00000234127	5.13E-15	-2.63127	1	1	TRIM26	K12008
ENSG00000234130	5.13E-15	-2.63127	1	1	RP13-88F20.1	K11825
ENSG00000234131	5.13E-15	-2.63127	1	1	TCEB1P8	-
ENSG00000234132	5.13E-15	-2.63127	1	1	RP11-168O16.2	-
ENSG00000234135	5.13E-15	-2.63127	1	1	RPL23AP83	K02893
ENSG00000234138	5.13E-15	-2.63127	1	1	RP11-144A16.1	-
ENSG00000234139	5.13E-15	-2.63127	1	1	RP4-550H1.4	-
ENSG00000234142	5.13E-15	-2.63127	1	1	RP11-276E17.2	-
ENSG00000234143	5.13E-15	-2.63127	1	1	UGT1A13P	K00699
ENSG00000234145	5.13E-15	-2.63127	1	1	NAP1L4P3	K11279
ENSG00000234146	5.13E-15	-2.63127	1	1	RP11-109M17.1	K16525
ENSG00000234149	5.13E-15	-2.63127	1	1	RP11-77G23.2	-
ENSG00000234152	5.13E-15	-2.63127	1	1	TCEB2P1	K03873
ENSG00000234156	5.13E-15	-2.63127	1	1	RP11-64P14.7	-
ENSG00000234158	5.13E-15	-2.63127	1	1	RPEP2	K01783
ENSG00000234159	5.13E-15	-2.63127	1	1	RBPMSLP	-
ENSG00000234161	5.13E-15	-2.63127	1	1	PABPC5-AS1	-
ENSG00000234162	5.13E-15	-2.63127	1	1	AC009505.4	-
ENSG00000234163	5.13E-15	-2.63127	1	1	RP11-479G22.6	-
ENSG00000234165	5.13E-15	-2.63127	1	1	AC114877.3	-
ENSG00000234166	5.13E-15	-2.63127	1	1	ARHGEF19-AS1	-
ENSG00000234167	5.13E-15	-2.63127	1	1	TCEB2P4	-
ENSG00000234168	5.13E-15	-2.63127	1	1	LINC01039	-
ENSG00000234169	5.13E-15	-2.63127	1	1	AC092168.3	-
ENSG00000234170	5.13E-15	-2.63127	1	1	RP11-446F3.2	-
ENSG00000234172	5.13E-15	-2.63127	1	1	AC093639.1	-
ENSG00000234173	5.13E-15	-2.63127	1	1	RP11-257I14.1	-
ENSG00000234174	5.13E-15	-2.63127	1	1	AC016683.5	-
ENSG00000234176	5.13E-15	-2.63127	1	1	HSPA8P1	K03283

ENSG00000234177	5.13E-15	-2.63127	1	1 LINC01114	-
ENSG00000234178	5.13E-15	-2.63127	1	1 DEFA11P	-
ENSG00000234179	5.13E-15	-2.63127	1	1 MTCYBP1	-
ENSG00000234181	5.13E-15	-2.63127	1	1 RP11-182N22.8	-
ENSG00000234182	5.13E-15	-2.63127	1	1 RP11-118K6.2	-
ENSG00000234184	5.13E-15	-2.63127	1	1 RP5-887A10.1	-
ENSG00000234186	5.13E-15	-2.63127	1	1 C16orf82	-
ENSG00000234187	5.13E-15	-2.63127	1	1 AIMP1P1	K15437
ENSG00000234188	5.13E-15	-2.63127	1	1 AL121963.1	K19479
ENSG00000234189	5.13E-15	-2.63127	1	1 AC099799.1	-
ENSG00000234190	5.13E-15	-2.63127	1	1 RP11-433J22.3	-
ENSG00000234191	5.13E-15	-2.63127	1	1 RP11-157D23.2	-
ENSG00000234192	5.13E-15	-2.63127	1	1 RP11-57C13.5	K02976
ENSG00000234199	5.13E-15	-2.63127	1	1 AC010982.1	-
ENSG00000234200	5.13E-15	-2.63127	1	1 U82671.8	-
ENSG00000234201	5.13E-15	-2.63127	1	1 RP11-383C12.2	K11459
ENSG00000234202	5.13E-15	-2.63127	1	1 RP11-330C7.4	K11253
ENSG00000234204	5.13E-15	-2.63127	1	1 PIGPP2	K03861
ENSG00000234206	5.13E-15	-2.63127	1	1 RP1-67A8.3	-
ENSG00000234207	5.13E-15	-2.63127	1	1 AC096570.2	-
ENSG00000234208	5.13E-15	-2.63127	1	1 CTA-256D12.11	-
ENSG00000234210	5.13E-15	-2.63127	1	1 AC006372.4	-
ENSG00000234211	5.13E-15	-2.63127	1	1 RP11-25K21.1	-
ENSG00000234213	5.13E-15	-2.63127	1	1 FHP1	K01679
ENSG00000234214	5.13E-15	-2.63127	1	1 SPATA31A4	-
ENSG00000234215	5.13E-15	-2.63127	1	1 RP5-942I16.1	-
ENSG00000234217	5.13E-15	-2.63127	1	1 RBPJP7	K06053
ENSG00000234219	5.13E-15	-2.63127	1	1 RP11-454L1.2	-
ENSG00000234223	5.13E-15	-2.63127	1	1 AC003988.1	-
ENSG00000234224	5.13E-15	-2.63127	1	1 TMEM229A	-
ENSG00000234225	5.13E-15	-2.63127	1	1 RP4-704D21.2	-
ENSG00000234226	5.13E-15	-2.63127	1	1 NDUFS5P2	K03938
ENSG00000234227	5.13E-15	-2.63127	1	1 RPL7L1P1	-
ENSG00000234228	5.13E-15	-2.63127	1	1 NCLP2	K11294
ENSG00000234229	5.13E-15	-2.63127	1	1 RP11-308N19.4	-
ENSG00000234232	5.13E-15	-2.63127	1	1 RP11-353N4.5	-
ENSG00000234233	5.13E-15	-2.63127	1	1 KCNH1-IT1	-
ENSG00000234234	5.13E-15	-2.63127	1	1 RP11-3N2.7	-
ENSG00000234235	5.13E-15	-2.63127	1	1 BOK-AS1	-
ENSG00000234237	5.13E-15	-2.63127	1	1 AL162431.1	K15696
ENSG00000234238	5.13E-15	-2.63127	1	1 RP11-430L16.1	-
ENSG00000234239	5.13E-15	-2.63127	1	1 CFL1P8	-
ENSG00000234241	5.13E-15	-2.63127	1	1 RP4-775C13.1	K13160
ENSG00000234244	5.13E-15	-2.63127	1	1 RP11-139J15.5	-
ENSG00000234247	5.13E-15	-2.63127	1	1 RP11-100E13.3	K09512
ENSG00000234248	5.13E-15	-2.63127	1	1 RP11-799O21.2	-
ENSG00000234253	5.13E-15	-2.63127	1	1 RPL7P13	K02937
ENSG00000234255	5.13E-15	-2.63127	1	1 AC012370.3	-
ENSG00000234256	5.13E-15	-2.63127	1	1 PTCO2P2	K17711
ENSG00000234257	5.13E-15	-2.63127	1	1 SOD2P1	-
ENSG00000234259	5.13E-15	-2.63127	1	1 CTC-507E12.1	K02864
ENSG00000234261	5.13E-15	-2.63127	1	1 RP11-146I2.1	-
ENSG00000234262	5.13E-15	-2.63127	1	1 RP1-20N18.4	-
ENSG00000234265	5.13E-15	-2.63127	1	1 RP11-157E14.1	-
ENSG00000234267	5.13E-15	-2.63127	1	1 TULP3P1	-
ENSG00000234269	5.13E-15	-2.63127	1	1 RP11-338N12.1	-
ENSG00000234270	5.13E-15	-2.63127	1	1 RPL36P20	-
ENSG00000234271	5.13E-15	-2.63127	1	1 RP1-138B7.4	-

ENSG00000234272	5.13E-15	-2.63127	1	1 RPL30P2	K02908
ENSG00000234273	5.13E-15	-2.63127	1	1 AC073071.1	-
ENSG00000234274	5.13E-15	-2.63127	1	1 COX7BP2	K02271
ENSG00000234275	5.13E-15	-2.63127	1	1 AC017053.1	-
ENSG00000234276	5.13E-15	-2.63127	1	1 BX664724.4	-
ENSG00000234277	5.13E-15	-2.63127	1	1 CTD-2090I13.1	-
ENSG00000234278	5.13E-15	-2.63127	1	1 PRR20E	-
ENSG00000234279	5.13E-15	-2.63127	1	1 AC113618.1	-
ENSG00000234282	5.13E-15	-2.63127	1	1 RP4-673D20.4	-
ENSG00000234283	5.13E-15	-2.63127	1	1 RP11-495P10.6	-
ENSG00000234284	5.13E-15	-2.63127	1	1 ZNF879	K09228
ENSG00000234285	5.13E-15	-2.63127	1	1 GAPDHP49	-
ENSG00000234286	5.13E-15	-2.63127	1	1 AC006026.13	-
ENSG00000234288	5.13E-15	-2.63127	1	1 OR1AA1P	K04257
ENSG00000234293	5.13E-15	-2.63127	1	1 BACH1-IT3	-
ENSG00000234296	5.13E-15	-2.63127	1	1 RP13-16H11.7	-
ENSG00000234298	5.13E-15	-2.63127	1	1 TCEB3CL	K15076
ENSG00000234299	5.13E-15	-2.63127	1	1 CDK2AP2P1	-
ENSG00000234300	5.13E-15	-2.63127	1	1 LINC00229	-
ENSG00000234303	5.13E-15	-2.63127	1	1 CLYBL-AS1	-
ENSG00000234304	5.13E-15	-2.63127	1	1 RP11-398K14.1	K11580
ENSG00000234306	5.13E-15	-2.63127	1	1 RP11-271F18.1	-
ENSG00000234308	5.13E-15	-2.63127	1	1 AC093381.2	-
ENSG00000234309	5.13E-15	-2.63127	1	1 SLC25A18P1	-
ENSG00000234312	5.13E-15	-2.63127	1	1 RP11-196D18.4	-
ENSG00000234315	5.13E-15	-2.63127	1	1 OSTCP5	-
ENSG00000234318	5.13E-15	-2.63127	1	1 RP4-771M4.3	-
ENSG00000234320	5.13E-15	-2.63127	1	1 RP11-381O7.6	-
ENSG00000234323	5.13E-15	-2.63127	1	1 RP11-308N19.1	-
ENSG00000234325	5.13E-15	-2.63127	1	1 MRPS10P2	-
ENSG00000234333	5.13E-15	-2.63127	1	1 CYCSP53	-
ENSG00000234340	5.13E-15	-2.63127	1	1 AP000705.8	-
ENSG00000234344	5.13E-15	-2.63127	1	1 MEP1AP3	K01395
ENSG00000234345	5.13E-15	-2.63127	1	1 LL0XNC01-116E7.1	K09428
ENSG00000234349	5.13E-15	-2.63127	1	1 GLUD1P9	K08575
ENSG00000234350	5.13E-15	-2.63127	1	1 AC007405.4	-
ENSG00000234352	5.13E-15	-2.63127	1	1 hsa-mir-490	-
ENSG00000234355	5.13E-15	-2.63127	1	1 FTH1P27	K00522
ENSG00000234356	5.13E-15	-2.63127	1	1 AC009945.4	-
ENSG00000234358	5.13E-15	-2.63127	1	1 AC003080.4	K02936
ENSG00000234359	5.13E-15	-2.63127	1	1 ELK1P1	K04375
ENSG00000234360	5.13E-15	-2.63127	1	1 RP11-87N24.1	K02951
ENSG00000234361	5.13E-15	-2.63127	1	1 RP11-52J3.3	-
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ENSG00000234367	5.13E-15	-2.63127	1	1 PFN1P3	K05759
ENSG00000234375	5.13E-15	-2.63127	1	1 VN2R4P	-
ENSG00000234376	5.13E-15	-2.63127	1	1 UBTFL2	-
ENSG00000234379	5.13E-15	-2.63127	1	1 HMGB1P48	K10802
ENSG00000234381	5.13E-15	-2.63127	1	1 MED15P7	K15157
ENSG00000234385	5.13E-15	-2.63127	1	1 RCC2P1	-
ENSG00000234386	5.13E-15	-2.63127	1	1 OR7E162P	K04257
ENSG00000234387	5.13E-15	-2.63127	1	1 RP11-340I6.1	-
ENSG00000234388	5.13E-15	-2.63127	1	1 TXNP3	K03671
ENSG00000234389	5.13E-15	-2.63127	1	1 AC007278.3	-
ENSG00000234390	5.13E-15	-2.63127	1	1 USP27X-AS1	-
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ENSG00000234394	5.13E-15	-2.63127	1	1 RP11-561O23.5	-
ENSG00000234397	5.13E-15	-2.63127	1	1 RP11-415K20.1	K03767

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ENSG00000234402	5.13E-15	-2.63127	1	1 ELK2BP	K04375
ENSG00000234404	5.13E-15	-2.63127	1	1 BX682235.1	-
ENSG00000234407	5.13E-15	-2.63127	1	1 FAM74A6	-
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ENSG00000234414	5.13E-15	-2.63127	1	1 RBMY1A1	K12885
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ENSG00000234416	5.13E-15	-2.63127	1	1 SNX18P4	K17299
ENSG00000234418	5.13E-15	-2.63127	1	1 RP11-560I19.1	-
ENSG00000234419	5.13E-15	-2.63127	1	1 CICP13	K16941
ENSG00000234421	5.13E-15	-2.63127	1	1 SLC25A5P4	K05863
ENSG00000234422	5.13E-15	-2.63127	1	1 UBE2WP1	K10688
ENSG00000234425	5.13E-15	-2.63127	1	1 RP11-528G1.2	-
ENSG00000234426	5.13E-15	-2.63127	1	1 RP11-459O1.2	-
ENSG00000234429	5.13E-15	-2.63127	1	1 AC105342.1	-
ENSG00000234430	5.13E-15	-2.63127	1	1 SNX18P6	K17923
ENSG00000234431	5.13E-15	-2.63127	1	1 AC007283.5	-
ENSG00000234432	5.13E-15	-2.63127	1	1 RP11-1275H24.1	-
ENSG00000234435	5.13E-15	-2.63127	1	1 RP11-125P18.1	-
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ENSG00000234437	5.13E-15	-2.63127	1	1 RP1-206D15.3	-
ENSG00000234438	5.13E-15	-2.63127	1	1 KBTBD13	-
ENSG00000234439	5.13E-15	-2.63127	1	1 KRT18P2	K07604
ENSG00000234441	5.13E-15	-2.63127	1	1 RP5-1108M17.5	K01176
ENSG00000234442	5.13E-15	-2.63127	1	1 BX276092.3	-
ENSG00000234445	5.13E-15	-2.63127	1	1 FGF14-AS1	-
ENSG00000234446	5.13E-15	-2.63127	1	1 AC068489.1	-
ENSG00000234448	5.13E-15	-2.63127	1	1 RP11-344N17.13	K00819
ENSG00000234450	5.13E-15	-2.63127	1	1 AC005534.6	K02898
ENSG00000234451	5.13E-15	-2.63127	1	1 RP11-211N8.6	-
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ENSG00000234453	5.13E-15	-2.63127	1	1 RP11-488L4.1	-
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ENSG00000234455	5.13E-15	-2.63127	1	1 AC067960.1	-
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ENSG00000234458	5.13E-15	-2.63127	1	1 OR7E130P	K04257
ENSG00000234459	5.13E-15	-2.63127	1	1 AC002064.4	-
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ENSG00000234464	5.13E-15	-2.63127	1	1 RP11-136B18.2	-
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ENSG00000234467	5.13E-15	-2.63127	1	1 SLC25A1P2	K15100
ENSG00000234469	5.13E-15	-2.63127	1	1 AC002365.1	-
ENSG00000234474	5.13E-15	-2.63127	1	1 RP11-501J20.2	-
ENSG00000234477	5.13E-15	-2.63127	1	1 AC004231.2	-
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ENSG00000234480	5.13E-15	-2.63127	1	1 AC073869.8	-
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ENSG00000234482	5.13E-15	-2.63127	1	1 RP11-433J22.2	-
ENSG00000234484	5.13E-15	-2.63127	1	1 RP1-55C23.7	-
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ENSG00000234491	5.13E-15	-2.63127	1	1 HNRNPA1P51	K12741
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ENSG00000234493	5.13E-15	-2.63127	1	1 GS1-421I3.2	-
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ENSG00000234497	5.13E-15	-2.63127	1	1 RP4-612J11.1	-
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ENSG00000234503	5.13E-15	-2.63127	1	1 KB-1592A4.14	-
ENSG00000234504	5.13E-15	-2.63127	1	1 RP11-285G1.2	-
ENSG00000234506	5.13E-15	-2.63127	1	1 RP11-274B18.2	-
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ENSG00000234513	5.13E-15	-2.63127	1	1 AC073072.7	K02976
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ENSG00000234519	5.13E-15	-2.63127	1	1 RP3-495K2.1	-
ENSG00000234521	5.13E-15	-2.63127	1	1 AC005041.11	-
ENSG00000234522	5.13E-15	-2.63127	1	1 RP11-572P18.2	-
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ENSG00000234527	5.13E-15	-2.63127	1	1 PCDH9-AS1	-
ENSG00000234529	5.13E-15	-2.63127	1	1 GAPDHP19	K00134
ENSG00000234531	5.13E-15	-2.63127	1	1 RP11-288G11.3	-
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ENSG00000234538	5.13E-15	-2.63127	1	1 ZNF114P1	K09228
ENSG00000234540	5.13E-15	-2.63127	1	1 RP3-448I9.1	-
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ENSG00000234542	5.13E-15	-2.63127	1	1 RP11-282I1.2	-
ENSG00000234544	5.13E-15	-2.63127	1	1 PTGES3P5	-
ENSG00000234551	5.13E-15	-2.63127	1	1 RP11-123H22.1	-
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ENSG00000234558	5.13E-15	-2.63127	1	1 API5P1	-
ENSG00000234559	5.13E-15	-2.63127	1	1 AC079776.4	K02891
ENSG00000234560	5.13E-15	-2.63127	1	1 OR10G8	K04257
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ENSG00000234565	5.13E-15	-2.63127	1	1 COX6B1P1	K02267
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ENSG00000234570	5.13E-15	-2.63127	1	1 ZFRP1	K13203
ENSG00000234571	5.13E-15	-2.63127	1	1 RP5-998N21.4	-
ENSG00000234572	5.13E-15	-2.63127	1	1 AC007880.1	-
ENSG00000234573	5.13E-15	-2.63127	1	1 RP5-1116H23.1	-
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ENSG00000234576	5.13E-15	-2.63127	1	1 MTND1P26	-
ENSG00000234577	5.13E-15	-2.63127	1	1 SYNE1-AS1	-
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ENSG00000234579	5.13E-15	-2.63127	1	1 AC009305.1	-
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ENSG00000234584	5.13E-15	-2.63127	1	1 AC019186.1	-
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ENSG00000234587	5.13E-15	-2.63127	1	1 MRPL50P1	-
ENSG00000234588	5.13E-15	-2.63127	1	1 FABP5P14	-
ENSG00000234590	5.13E-15	-2.63127	1	1 GNG5P5	K04542
ENSG00000234592	5.13E-15	-2.63127	1	1 RP11-41L14.1	K06105
ENSG00000234593	5.13E-15	-2.63127	1	1 RP4-704D23.1	-
ENSG00000234594	5.13E-15	-2.63127	1	1 RP11-263C16.2	K02256
ENSG00000234595	5.13E-15	-2.63127	1	1 AC013733.3	-
ENSG00000234597	5.13E-15	-2.63127	1	1 AC010096.1	-
ENSG00000234601	5.13E-15	-2.63127	1	1 CHRM3-AS1	-
ENSG00000234603	5.13E-15	-2.63127	1	1 AL356740.1	-
ENSG00000234604	5.13E-15	-2.63127	1	1 RP1-206D15.5	K02125
ENSG00000234607	5.13E-15	-2.63127	1	1 RP11-5P18.1	-
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ENSG00000234612	5.13E-15	-2.63127	1	1 H2AFZP5	-
ENSG00000234613	5.13E-15	-2.63127	1	1 RP5-1158E12.1	-
ENSG00000234617	5.13E-15	-2.63127	1	1 SNRK-AS1	-
ENSG00000234619	5.13E-15	-2.63127	1	1 RPL7P11	K02937
ENSG00000234620	5.13E-15	-2.63127	1	1 HDHD1P1	K17623
ENSG00000234622	5.13E-15	-2.63127	1	1 RP13-297E16.5	-
ENSG00000234624	5.13E-15	-2.63127	1	1 AC016894.1	K02866
ENSG00000234625	5.13E-15	-2.63127	1	1 LINC00380	-
ENSG00000234626	5.13E-15	-2.63127	1	1 RP1-149A16.12	-
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ENSG00000234629	5.13E-15	-2.63127	1	1 WDR82P1	K14962
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ENSG00000234634	5.13E-15	-2.63127	1	1 AC003664.1	-
ENSG00000234637	5.13E-15	-2.63127	1	1 RPS19P6	-
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ENSG00000234640	5.13E-15	-2.63127	1	1 RP11-264E18.1	-
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ENSG00000234644	5.13E-15	-2.63127	1	1 RP11-360J12.1	-
ENSG00000234645	5.13E-15	-2.63127	1	1 YWHAEP5	K06630
ENSG00000234646	5.13E-15	-2.63127	1	1 RP4-753D10.3	-
ENSG00000234647	5.13E-15	-2.63127	1	1 RP11-503C24.4	-
ENSG00000234652	5.13E-15	-2.63127	1	1 AGPAT5P1	K19007
ENSG00000234653	5.13E-15	-2.63127	1	1 AC079117.1	-
ENSG00000234654	5.13E-15	-2.63127	1	1 RP11-782C8.8	K03880
ENSG00000234655	5.13E-15	-2.63127	1	1 OR7E155P	K04257
ENSG00000234658	5.13E-15	-2.63127	1	1 AC013429.4	K02889
ENSG00000234660	5.13E-15	-2.63127	1	1 LINC00440	-
ENSG00000234661	5.13E-15	-2.63127	1	1 CHL1-AS1	-
ENSG00000234663	5.13E-15	-2.63127	1	1 AC104820.2	-
ENSG00000234667	5.13E-15	-2.63127	1	1 ACTBP13	K11447
ENSG00000234670	5.13E-15	-2.63127	1	1 OR6C64P	K04257
ENSG00000234671	5.13E-15	-2.63127	1	1 RP11-1217F2.13	K00412
ENSG00000234675	5.13E-15	-2.63127	1	1 RP11-242F11.2	-
ENSG00000234676	5.13E-15	-2.63127	1	1 RP11-337A23.3	-
ENSG00000234677	5.13E-15	-2.63127	1	1 RP11-285A18.2	-
ENSG00000234680	5.13E-15	-2.63127	1	1 VN2R3P	-
ENSG00000234682	5.13E-15	-2.63127	1	1 AC110620.2	-
ENSG00000234683	5.13E-15	-2.63127	1	1 RP5-837I24.5	K02969
ENSG00000234685	5.13E-15	-2.63127	1	1 NUS1P2	K19177
ENSG00000234686	5.13E-15	-2.63127	1	1 AC010971.1	-
ENSG00000234688	5.13E-15	-2.63127	1	1 RP1-293L6.1	-
ENSG00000234689	5.13E-15	-2.63127	1	1 LINC00444	-
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ENSG00000234692	5.13E-15	-2.63127	1	1 RP11-445L6.3	-
ENSG00000234695	5.13E-15	-2.63127	1	1 AC002076.10	-
ENSG00000234696	5.13E-15	-2.63127	1	1 GPR50-AS1	-
ENSG00000234700	5.13E-15	-2.63127	1	1 RP11-3N2.5	-
ENSG00000234701	5.13E-15	-2.63127	1	1 PRDX3P3	K03386
ENSG00000234702	5.13E-15	-2.63127	1	1 VDACP3	K05862
ENSG00000234703	5.13E-15	-2.63127	1	1 AF015262.2	-
ENSG00000234706	5.13E-15	-2.63127	1	1 PRUNEP1	K01514
ENSG00000234707	5.13E-15	-2.63127	1	1 RP11-745C15.2	-
ENSG00000234710	5.13E-15	-2.63127	1	1 AC060834.3	-
ENSG00000234712	5.13E-15	-2.63127	1	1 RP11-143G3.1	-
ENSG00000234713	5.13E-15	-2.63127	1	1 RP11-726G23.10	-
ENSG00000234714	5.13E-15	-2.63127	1	1 AC009965.2	-

ENSG00000234715	5.13E-15	-2.63127	1	1 CTB-107G13.1	-
ENSG00000234716	5.13E-15	-2.63127	1	1 RP11-760D2.9	K09228
ENSG00000234717	5.13E-15	-2.63127	1	1 TMEM212-AS1	-
ENSG00000234720	5.13E-15	-2.63127	1	1 ATP5A1P8	K02132
ENSG00000234721	5.13E-15	-2.63127	1	1 AC125421.1	-
ENSG00000234722	5.13E-15	-2.63127	1	1 AC073236.3	-
ENSG00000234723	5.13E-15	-2.63127	1	1 AC092421.1	-
ENSG00000234724	5.13E-15	-2.63127	1	1 HDAC1P1	K06067
ENSG00000234725	5.13E-15	-2.63127	1	1 RP11-157L3.1	-
ENSG00000234726	5.13E-15	-2.63127	1	1 LL22NC03-123E1.5	-
ENSG00000234730	5.13E-15	-2.63127	1	1 AF241725.4	-
ENSG00000234731	5.13E-15	-2.63127	1	1 AC007163.11	-
ENSG00000234732	5.13E-15	-2.63127	1	1 RPEP5	-
ENSG00000234734	5.13E-15	-2.63127	1	1 SPATA31A7	-
ENSG00000234735	5.13E-15	-2.63127	1	1 AL022237.3	K02975
ENSG00000234736	5.13E-15	-2.63127	1	1 FAM170B-AS1	-
ENSG00000234737	5.13E-15	-2.63127	1	1 KRT18P15	K07604
ENSG00000234744	5.13E-15	-2.63127	1	1 USP9YP26	-
ENSG00000234745	5.13E-15	-2.63127	1	1 HLA-B	K06751
ENSG00000234748	5.13E-15	-2.63127	1	1 RP11-183K14.1	K07949
ENSG00000234749	5.13E-15	-2.63127	1	1 FAM90A21P	-
ENSG00000234751	5.13E-15	-2.63127	1	1 AP002381.2	K02877
ENSG00000234752	5.13E-15	-2.63127	1	1 RP11-428L9.1	-
ENSG00000234756	5.13E-15	-2.63127	1	1 RP11-120C12.3	-
ENSG00000234757	5.13E-15	-2.63127	1	1 CA15P2	K01672
ENSG00000234758	5.13E-15	-2.63127	1	1 AC034228.4	-
ENSG00000234761	5.13E-15	-2.63127	1	1 RP11-38O14.5	-
ENSG00000234763	5.13E-15	-2.63127	1	1 RP11-203H2.2	-
ENSG00000234765	5.13E-15	-2.63127	1	1 ELL2P3	K15183
ENSG00000234766	5.13E-15	-2.63127	1	1 RP11-56H2.2	-
ENSG00000234767	5.13E-15	-2.63127	1	1 LINC01052	-
ENSG00000234768	5.13E-15	-2.63127	1	1 RP11-503C24.1	-
ENSG00000234770	5.13E-15	-2.63127	1	1 GULOP	K00103
ENSG00000234775	5.13E-15	-2.63127	1	1 RP11-335O13.7	-
ENSG00000234776	5.13E-15	-2.63127	1	1 C11orf94	-
ENSG00000234777	5.13E-15	-2.63127	1	1 RP11-125D12.2	-
ENSG00000234780	5.13E-15	-2.63127	1	1 RP11-552E4.2	K00819
ENSG00000234781	5.13E-15	-2.63127	1	1 LINC01103	-
ENSG00000234784	5.13E-15	-2.63127	1	1 RP11-182I10.1	K03948
ENSG00000234785	5.13E-15	-2.63127	1	1 EEF1GP5	K03233
ENSG00000234787	5.13E-15	-2.63127	1	1 LINC00458	-
ENSG00000234789	5.13E-15	-2.63127	1	1 RP11-483H20.4	-
ENSG00000234790	5.13E-15	-2.63127	1	1 RP11-426L16.7	-
ENSG00000234791	5.13E-15	-2.63127	1	1 AC108448.3	-
ENSG00000234792	5.13E-15	-2.63127	1	1 RP11-552J9.6	K00819
ENSG00000234795	5.13E-15	-2.63127	1	1 RFTN1P1	K09513
ENSG00000234800	5.13E-15	-2.63127	1	1 PCMTD1P3	-
ENSG00000234803	5.13E-15	-2.63127	1	1 FAM197Y2	-
ENSG00000234810	5.13E-15	-2.63127	1	1 RP11-466L17.1	-
ENSG00000234811	5.13E-15	-2.63127	1	1 RP11-241I20.5	K07910
ENSG00000234812	5.13E-15	-2.63127	1	1 RP11-146D12.6	-
ENSG00000234813	5.13E-15	-2.63127	1	1 RP11-288D15.1	K03083
ENSG00000234816	5.13E-15	-2.63127	1	1 U91328.2	K11251
ENSG00000234818	5.13E-15	-2.63127	1	1 AC092687.5	-
ENSG00000234819	5.13E-15	-2.63127	1	1 RP11-336N8.4	K02219
ENSG00000234821	5.13E-15	-2.63127	1	1 MRPS33P4	-
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ENSG00000234828	5.13E-15	-2.63127	1	1 RP11-526A4.1	-

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ENSG00000234830	5.13E-15	-2.63127	1	1 FAM197Y9	-
ENSG00000234835	5.13E-15	-2.63127	1	1 PHBP13	K17080
ENSG00000234837	5.13E-15	-2.63127	1	1 AC073464.6	K09228
ENSG00000234838	5.13E-15	-2.63127	1	1 RP11-5P22.1	K03767
ENSG00000234839	5.13E-15	-2.63127	1	1 RPS26P30	K02976
ENSG00000234841	5.13E-15	-2.63127	1	1 RP11-119H12.4	K03129
ENSG00000234842	5.13E-15	-2.63127	1	1 AC007163.8	-
ENSG00000234844	5.13E-15	-2.63127	1	1 CDC42P2	K04393
ENSG00000234848	5.13E-15	-2.63127	1	1 CTD-3105H18.7	-
ENSG00000234850	5.13E-15	-2.63127	1	1 MTND2P3	-
ENSG00000234853	5.13E-15	-2.63127	1	1 NDUFA5P3	K03949
ENSG00000234854	5.13E-15	-2.63127	1	1 LINC00676	-
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ENSG00000234859	5.13E-15	-2.63127	1	1 AC003958.2	-
ENSG00000234860	5.13E-15	-2.63127	1	1 RP11-547C13.1	-
ENSG00000234861	5.13E-15	-2.63127	1	1 ATP5A1P6	K02132
ENSG00000234862	5.13E-15	-2.63127	1	1 RP5-1097P24.1	-
ENSG00000234863	5.13E-15	-2.63127	1	1 RP11-410C4.2	-
ENSG00000234864	5.13E-15	-2.63127	1	1 AL022344.5	-
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ENSG00000234872	5.13E-15	-2.63127	1	1 RP11-467I20.5	-
ENSG00000234877	5.13E-15	-2.63127	1	1 AC092660.1	-
ENSG00000234878	5.13E-15	-2.63127	1	1 HSPE1P1	K04078
ENSG00000234881	5.13E-15	-2.63127	1	1 PIGFP2	K05287
ENSG00000234882	5.13E-15	-2.63127	1	1 EIF3EP1	K03250
ENSG00000234883	5.13E-15	-2.63127	1	1 MIR155HG	-
ENSG00000234884	5.13E-15	-2.63127	1	1 CTA-407F11.8	-
ENSG00000234886	5.13E-15	-2.63127	1	1 MTND5P26	-
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ENSG00000234889	5.13E-15	-2.63127	1	1 RP13-130D24.1	K01557
ENSG00000234890	5.13E-15	-2.63127	1	1 HNRNPDLP2	K13044
ENSG00000234891	5.13E-15	-2.63127	1	1 RP1-288L1.5	-
ENSG00000234892	5.13E-15	-2.63127	1	1 Z82214.2	-
ENSG00000234894	5.13E-15	-2.63127	1	1 RP11-408E5.6	-
ENSG00000234895	5.13E-15	-2.63127	1	1 OR52X1P	K04257
ENSG00000234896	5.13E-15	-2.63127	1	1 OR7E62P	K04257
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ENSG00000234899	5.13E-15	-2.63127	1	1 SOX9-AS1	-
ENSG00000234900	5.13E-15	-2.63127	1	1 RP1-278O22.2	-
ENSG00000234901	5.13E-15	-2.63127	1	1 MTND6P13	-
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ENSG00000234906	5.13E-15	-2.63127	1	1 APOC2	-
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ENSG00000234910	5.13E-15	-2.63127	1	1 IL6RPI	K05055
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ENSG00000234928	5.13E-15	-2.63127	1	1 AP000344.3	-
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ENSG00000234933	5.13E-15	-2.63127	1	1 CDC42P1	K04393
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ENSG00000234938	5.13E-15	-2.63127	1	1 AC012668.1	-
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ENSG00000234940	5.13E-15	-2.63127	1	1 AC023128.1	-

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ENSG00000234944	5.13E-15	-2.63127	1	1 RP11-124O11.1	-
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ENSG00000234950	5.13E-15	-2.63127	1	1 RBMY2OP	-
ENSG00000234952	5.13E-15	-2.63127	1	1 RP11-328K15.1	-
ENSG00000234953	5.13E-15	-2.63127	1	1 RP5-837I24.2	-
ENSG00000234956	5.13E-15	-2.63127	1	1 RP11-356I2.1	-
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ENSG00000234964	5.13E-15	-2.63127	1	1 FABP5P7	K08754
ENSG00000234965	5.13E-15	-2.63127	1	1 SHISA8	-
ENSG00000234967	5.13E-15	-2.63127	1	1 RP11-347D21.1	-
ENSG00000234972	5.13E-15	-2.63127	1	1 TBC1D3C	K11837
ENSG00000234977	5.13E-15	-2.63127	1	1 AC074389.7	-
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ENSG00000234981	5.13E-15	-2.63127	1	1 RP11-534L20.4	K02936
ENSG00000234982	5.13E-15	-2.63127	1	1 RP11-280O24.3	K02936
ENSG00000234983	5.13E-15	-2.63127	1	1 AC010132.11	K13137
ENSG00000234984	5.13E-15	-2.63127	1	1 FMO10P	K00485
ENSG00000234985	5.13E-15	-2.63127	1	1 RP11-3L10.3	K09056
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ENSG00000234995	5.13E-15	-2.63127	1	1 AC013429.5	K02984
ENSG00000234997	5.13E-15	-2.63127	1	1 AC016745.3	-
ENSG00000234998	5.13E-15	-2.63127	1	1 RP11-439A17.10	-
ENSG00000235002	5.13E-15	-2.63127	1	1 RP11-157D18.2	K02957
ENSG00000235003	5.13E-15	-2.63127	1	1 RP11-459O16.7	-
ENSG00000235004	5.13E-15	-2.63127	1	1 USP9YP30	-
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ENSG00000235009	5.13E-15	-2.63127	1	1 AC093822.1	-
ENSG00000235010	5.13E-15	-2.63127	1	1 RP11-140A10.3	-
ENSG00000235011	5.13E-15	-2.63127	1	1 RP4-726F1.1	-
ENSG00000235012	5.13E-15	-2.63127	1	1 AF121897.4	-
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ENSG00000235014	5.13E-15	-2.63127	1	1 REREP2Y	K05628
ENSG00000235015	5.13E-15	-2.63127	1	1 RP11-216N14.1	K13130
ENSG00000235018	5.13E-15	-2.63127	1	1 RP11-11M20.2	K02880
ENSG00000235020	5.13E-15	-2.63127	1	1 RP11-109I13.2	-
ENSG00000235024	5.13E-15	-2.63127	1	1 AC097468.7	-
ENSG00000235026	5.13E-15	-2.63127	1	1 DPP10-AS1	-
ENSG00000235032	5.13E-15	-2.63127	1	1 RP4-813D12.2	-
ENSG00000235033	5.13E-15	-2.63127	1	1 RP11-61I13.3	-
ENSG00000235035	5.13E-15	-2.63127	1	1 AC007395.3	-
ENSG00000235037	5.13E-15	-2.63127	1	1 RP11-187C18.5	-
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ENSG00000235039	5.13E-15	-2.63127	1	1 MTND6P12	-
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ENSG00000235042	5.13E-15	-2.63127	1	1 AC098820.2	-
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ENSG00000235050	5.13E-15	-2.63127	1	1 MLIP-AS1	-
ENSG00000235051	5.13E-15	-2.63127	1	1 RP11-637O19.2	-
ENSG00000235054	5.13E-15	-2.63127	1	1 RP5-1166F10.1	-
ENSG00000235055	5.13E-15	-2.63127	1	1 RP4-609E1.2	K11415
ENSG00000235056	5.13E-15	-2.63127	1	1 AC010983.1	-
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ENSG00000235059	5.13E-15	-2.63127	1	1 AC008175.1	-
ENSG00000235060	5.13E-15	-2.63127	1	1 VDAC1P4	K05862
ENSG00000235061	5.13E-15	-2.63127	1	1 UBE2V1P7	-
ENSG00000235064	5.13E-15	-2.63127	1	1 SLC25A5P2	K05863
ENSG00000235069	5.13E-15	-2.63127	1	1 RP4-785J1.1	-
ENSG00000235071	5.13E-15	-2.63127	1	1 RP11-759L5.2	K04079
ENSG00000235073	5.13E-15	-2.63127	1	1 RBM22P10	K12872
ENSG00000235076	5.13E-15	-2.63127	1	1 GAPDHP52	K00134
ENSG00000235077	5.13E-15	-2.63127	1	1 AC073842.19	-
ENSG00000235080	5.13E-15	-2.63127	1	1 MTND5P23	K03883
ENSG00000235081	5.13E-15	-2.63127	1	1 AC010492.2	K18749
ENSG00000235083	5.13E-15	-2.63127	1	1 RP11-669M2.2	-
ENSG00000235086	5.13E-15	-2.63127	1	1 FNDC1-IT1	-
ENSG00000235088	5.13E-15	-2.63127	1	1 RP4-620E11.4	-
ENSG00000235089	5.13E-15	-2.63127	1	1 RP3-445O10.1	K02865
ENSG00000235090	5.13E-15	-2.63127	1	1 RPL7LIP3	-
ENSG00000235091	5.13E-15	-2.63127	1	1 WI2-85898F10.1	-
ENSG00000235094	5.13E-15	-2.63127	1	1 AC006335.10	-
ENSG00000235095	5.13E-15	-2.63127	1	1 RP11-1217F2.1	K18695
ENSG00000235096	5.13E-15	-2.63127	1	1 RP11-83A16.1	-
ENSG00000235097	5.13E-15	-2.63127	1	1 LINC00330	-
ENSG00000235098	5.13E-15	-2.63127	1	1 ANKRD65	-
ENSG00000235099	5.13E-15	-2.63127	1	1 RP1-23E21.2	-
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ENSG00000235102	5.13E-15	-2.63127	1	1 RP3-450M14.1	-
ENSG00000235108	5.13E-15	-2.63127	1	1 IFNA12P	-
ENSG00000235110	5.13E-15	-2.63127	1	1 RP11-8J23.1	K02962
ENSG00000235112	5.13E-15	-2.63127	1	1 HSPE1P27	-
ENSG00000235113	5.13E-15	-2.63127	1	1 RP11-241I20.4	-
ENSG00000235115	5.13E-15	-2.63127	1	1 CHCHD2P8	-
ENSG00000235117	5.13E-15	-2.63127	1	1 RP11-229P13.20	-
ENSG00000235118	5.13E-15	-2.63127	1	1 AC010731.4	-
ENSG00000235119	5.13E-15	-2.63127	1	1 RP11-9M16.2	-
ENSG00000235120	5.13E-15	-2.63127	1	1 BSN-AS1	-
ENSG00000235122	5.13E-15	-2.63127	1	1 RP3-417L20.4	-
ENSG00000235124	5.13E-15	-2.63127	1	1 KRT8P17	K07605
ENSG00000235126	5.13E-15	-2.63127	1	1 AC128709.3	-
ENSG00000235127	5.13E-15	-2.63127	1	1 AC068286.1	-
ENSG00000235128	5.13E-15	-2.63127	1	1 AC013474.4	K12022
ENSG00000235130	5.13E-15	-2.63127	1	1 MYO5BP1	K10357
ENSG00000235131	5.13E-15	-2.63127	1	1 RP5-1092A11.2	-
ENSG00000235133	5.13E-15	-2.63127	1	1 RPL35AP22	K02917
ENSG00000235136	5.13E-15	-2.63127	1	1 RP13-146A14.1	-
ENSG00000235137	5.13E-15	-2.63127	1	1 HSP90AB6P	K04079
ENSG00000235139	5.13E-15	-2.63127	1	1 AC003984.1	-
ENSG00000235140	5.13E-15	-2.63127	1	1 RP11-135D11.2	-
ENSG00000235141	5.13E-15	-2.63127	1	1 COX6CP17	K02268
ENSG00000235142	5.13E-15	-2.63127	1	1 RP1-60O19.1	-
ENSG00000235143	5.13E-15	-2.63127	1	1 RP1-65J11.5	-
ENSG00000235145	5.13E-15	-2.63127	1	1 RP11-533E19.3	K02998
ENSG00000235146	5.13E-15	-2.63127	1	1 RP5-857K21.2	-
ENSG00000235147	5.13E-15	-2.63127	1	1 AC128677.3	K12019
ENSG00000235148	5.13E-15	-2.63127	1	1 HMGB3P23	K11296
ENSG00000235149	5.13E-15	-2.63127	1	1 RP11-45I20.1	-
ENSG00000235150	5.13E-15	-2.63127	1	1 RCBTB2P1	K11494
ENSG00000235151	5.13E-15	-2.63127	1	1 AC114730.2	-
ENSG00000235152	5.13E-15	-2.63127	1	1 RP5-865N13.2	-
ENSG00000235154	5.13E-15	-2.63127	1	1 CTA-280A3__B.2	-

ENSG00000235158	5.13E-15	-2.63127	1	1 AC087430.1	-
ENSG00000235160	5.13E-15	-2.63127	1	1 AC009878.2	-
ENSG00000235163	5.13E-15	-2.63127	1	1 RP11-410C4.1	K02936
ENSG00000235165	5.13E-15	-2.63127	1	1 AC016405.1	K02090
ENSG00000235166	5.13E-15	-2.63127	1	1 RP5-1010E17.1	-
ENSG00000235168	5.13E-15	-2.63127	1	1 RP1-12G14.5	-
ENSG00000235170	5.13E-15	-2.63127	1	1 MTND1P31	-
ENSG00000235175	5.13E-15	-2.63127	1	1 RPL26P37	K02898
ENSG00000235181	5.13E-15	-2.63127	1	1 AC009892.2	K06512
ENSG00000235182	5.13E-15	-2.63127	1	1 RP11-348H3.4	-
ENSG00000235183	5.13E-15	-2.63127	1	1 RP11-613C6.4	K03104
ENSG00000235186	5.13E-15	-2.63127	1	1 AC103563.7	-
ENSG00000235189	5.13E-15	-2.63127	1	1 RP4-537K23.4	-
ENSG00000235190	5.13E-15	-2.63127	1	1 RP1-197O17.3	K12160
ENSG00000235191	5.13E-15	-2.63127	1	1 NUCB1-AS1	-
ENSG00000235192	5.13E-15	-2.63127	1	1 AC009495.2	-
ENSG00000235193	5.13E-15	-2.63127	1	1 AC006987.4	-
ENSG00000235196	5.13E-15	-2.63127	1	1 RP1-3E10.2	K09228
ENSG00000235197	5.13E-15	-2.63127	1	1 ZNF33AP1	K09228
ENSG00000235198	5.13E-15	-2.63127	1	1 CTA-109P11.1	-
ENSG00000235199	5.13E-15	-2.63127	1	1 CYP2C58P	-
ENSG00000235200	5.13E-15	-2.63127	1	1 RP4-763G1.2	-
ENSG00000235201	5.13E-15	-2.63127	1	1 RP11-127L21.1	-
ENSG00000235202	5.13E-15	-2.63127	1	1 RP11-39H13.1	-
ENSG00000235203	5.13E-15	-2.63127	1	1 TBC1D3P3	K11837
ENSG00000235205	5.13E-15	-2.63127	1	1 TATDN2P3	K03424
ENSG00000235207	5.13E-15	-2.63127	1	1 TUBBP6	K07375
ENSG00000235208	5.13E-15	-2.63127	1	1 RPL7AL3	-
ENSG00000235209	5.13E-15	-2.63127	1	1 CTA-150C2.13	-
ENSG00000235211	5.13E-15	-2.63127	1	1 TMSB10P2	-
ENSG00000235215	5.13E-15	-2.63127	1	1 RP11-145M4.2	-
ENSG00000235218	5.13E-15	-2.63127	1	1 AC092638.2	K09537
ENSG00000235219	5.13E-15	-2.63127	1	1 CTC-233O10.1	-
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ENSG00000235224	5.13E-15	-2.63127	1	1 RP11-236P24.1	K02901
ENSG00000235225	5.13E-15	-2.63127	1	1 AC016712.2	K02910
ENSG00000235226	5.13E-15	-2.63127	1	1 RP11-419N10.5	K02901
ENSG00000235227	5.13E-15	-2.63127	1	1 VN1R38P	K04614
ENSG00000235232	5.13E-15	-2.63127	1	1 MRPS18BP2	K16174
ENSG00000235235	5.13E-15	-2.63127	1	1 IGKV1OR-1	-
ENSG00000235238	5.13E-15	-2.63127	1	1 SUMO2P1	K12160
ENSG00000235239	5.13E-15	-2.63127	1	1 RP1-203C2.4	-
ENSG00000235240	5.13E-15	-2.63127	1	1 AC026185.1	K08789
ENSG00000235241	5.13E-15	-2.63127	1	1 RP11-108M9.5	-
ENSG00000235242	5.13E-15	-2.63127	1	1 AC010982.2	-
ENSG00000235243	5.13E-15	-2.63127	1	1 AC093716.1	K09228
ENSG00000235244	5.13E-15	-2.63127	1	1 RP11-761E20.1	-
ENSG00000235246	5.13E-15	-2.63127	1	1 RP1-5O6.5	-
ENSG00000235248	5.13E-15	-2.63127	1	1 OR13C1P	K04257
ENSG00000235249	5.13E-15	-2.63127	1	1 OR4F29	K04257
ENSG00000235251	5.13E-15	-2.63127	1	1 RP11-384B12.2	K10685
ENSG00000235253	5.13E-15	-2.63127	1	1 AC010240.2	K03231
ENSG00000235256	5.13E-15	-2.63127	1	1 BX664724.1	K09571
ENSG00000235258	5.13E-15	-2.63127	1	1 AC115115.3	K03960
ENSG00000235261	5.13E-15	-2.63127	1	1 NICN1-AS1	-
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ENSG00000235264	5.13E-15	-2.63127	1	1 RPL5P28	K02932
ENSG00000235265	5.13E-15	-2.63127	1	1 LA16c-4G1.5	-

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ENSG00000235267	5.13E-15	-2.63127	1	1 AC074117.13	K02957
ENSG00000235268	5.13E-15	-2.63127	1	1 KDM4E	K06709
ENSG00000235269	5.13E-15	-2.63127	1	1 AL162759.1	-
ENSG00000235271	5.13E-15	-2.63127	1	1 RP1-90L6.3	-
ENSG00000235274	5.13E-15	-2.63127	1	1 RP1-107N3.1	K10393
ENSG00000235275	5.13E-15	-2.63127	1	1 KRT18P16	K07604
ENSG00000235277	5.13E-15	-2.63127	1	1 AF127577.8	-
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ENSG00000235279	5.13E-15	-2.63127	1	1 RP11-539E19.2	-
ENSG00000235280	5.13E-15	-2.63127	1	1 MCF2L-AS1	-
ENSG00000235281	5.13E-15	-2.63127	1	1 RP11-526P5.2	-
ENSG00000235282	5.13E-15	-2.63127	1	1 RP1-8B22.1	K10418
ENSG00000235283	5.13E-15	-2.63127	1	1 RP11-395E19.5	-
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ENSG00000235288	5.13E-15	-2.63127	1	1 RP11-70C1.3	-
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ENSG00000235296	5.13E-15	-2.63127	1	1 AC137723.5	-
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ENSG00000235301	5.13E-15	-2.63127	1	1 HLA-Z	-
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ENSG00000235304	5.13E-15	-2.63127	1	1 RP11-265P11.2	-
ENSG00000235306	5.13E-15	-2.63127	1	1 GAPDHP34	-
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ENSG00000235312	5.13E-15	-2.63127	1	1 KRTAP19-10P	-
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ENSG00000235318	5.13E-15	-2.63127	1	1 AC005037.6	K03882
ENSG00000235319	5.13E-15	-2.63127	1	1 AC012360.4	-
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ENSG00000235325	5.13E-15	-2.63127	1	1 AC009963.6	K12892
ENSG00000235326	5.13E-15	-2.63127	1	1 RP11-509J21.3	-
ENSG00000235327	5.13E-15	-2.63127	1	1 CYP4F61P	K17730
ENSG00000235329	5.13E-15	-2.63127	1	1 RP5-1168A5.1	-
ENSG00000235332	5.13E-15	-2.63127	1	1 RP11-366O20.5	K02998
ENSG00000235333	5.13E-15	-2.63127	1	1 PVRIG2P	-
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ENSG00000235335	5.13E-15	-2.63127	1	1 AC016723.4	-
ENSG00000235337	5.13E-15	-2.63127	1	1 AC114765.2	-
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ENSG00000235343	5.13E-15	-2.63127	1	1 AC005301.8	-
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ENSG00000235349	5.13E-15	-2.63127	1	1 RP11-561N12.6	-
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ENSG00000235352	5.13E-15	-2.63127	1	1 AC023128.2	-
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ENSG00000235357	5.13E-15	-2.63127	1	1 RP1-159G19.1	-
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ENSG00000235361	5.13E-15	-2.63127	1	1 AC016292.1	-
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ENSG00000235371	5.13E-15	-2.63127	1	1 RP4-764D2.1	K01681
ENSG00000235373	5.13E-15	-2.63127	1	1 RP11-206L10.3	-
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ENSG00000235378	5.13E-15	-2.63127	1	1 MRPS10P1	K02946
ENSG00000235379	5.13E-15	-2.63127	1	1 RPL7P31	K02937
ENSG00000235382	5.13E-15	-2.63127	1	1 MTND4P31	-
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ENSG00000235388	5.13E-15	-2.63127	1	1 AC018696.7	-
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ENSG00000235403	5.13E-15	-2.63127	1	1 AC114808.3	-
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ENSG00000235410	5.13E-15	-2.63127	1	1 RP11-397C18.2	-
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ENSG00000235415	5.13E-15	-2.63127	1	1 AC005808.3	-
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ENSG00000235419	5.13E-15	-2.63127	1	1 AC010149.4	-
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ENSG00000235430	5.13E-15	-2.63127	1	1 ZSWIM5P1	-
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ENSG00000235438	5.13E-15	-2.63127	1	1 ESRRAP2	-
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ENSG00000235444	5.13E-15	-2.63127	1	1 PSMB3P2	K02735
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ENSG00000235461	5.13E-15	-2.63127	1	1 RP5-928E24.2	-
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ENSG00000235469	5.13E-15	-2.63127	1	1 MRPL50P4	K17431
ENSG00000235470	5.13E-15	-2.63127	1	1 RP11-225H22.5	-
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ENSG00000235481	5.13E-15	-2.63127	1	1 RP11-133O22.6	-
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ENSG00000235483	5.13E-15	-2.63127	1	1 GYG2-AS1	-
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ENSG00000235486	5.13E-15	-2.63127	1	1 AC114755.7	K03348
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ENSG00000235492	5.13E-15	-2.63127	1	1 RP11-16L9.4	-
ENSG00000235493	5.13E-15	-2.63127	1	1 AC092415.1	-
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ENSG00000235495	5.13E-15	-2.63127	1	1 AC010987.5	-
ENSG00000235496	5.13E-15	-2.63127	1	1 RP11-101E5.2	-
ENSG00000235497	5.13E-15	-2.63127	1	1 AC012506.4	-
ENSG00000235500	5.13E-15	-2.63127	1	1 SNX19P2	K17930
ENSG00000235501	5.13E-15	-2.63127	1	1 RP4-639F20.1	-
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ENSG00000235504	5.13E-15	-2.63127	1	1 RP3-453D15.1	-
ENSG00000235505	5.13E-15	-2.63127	1	1 RP11-693N9.2	K04394
ENSG00000235506	5.13E-15	-2.63127	1	1 SLC20A1P2	-
ENSG00000235508	5.13E-15	-2.63127	1	1 RPS2P7	K02981
ENSG00000235510	5.13E-15	-2.63127	1	1 BX842568.1	-
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ENSG00000235512	5.13E-15	-2.63127	1	1 TAB3-AS2	-
ENSG00000235514	5.13E-15	-2.63127	1	1 AP000226.9	-
ENSG00000235518	5.13E-15	-2.63127	1	1 AC011196.3	-
ENSG00000235519	5.13E-15	-2.63127	1	1 AC012075.2	-
ENSG00000235521	5.13E-15	-2.63127	1	1 USP9YP27	-
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ENSG00000235524	5.13E-15	-2.63127	1	1 RP11-343J3.5	K02256
ENSG00000235525	5.13E-15	-2.63127	1	1 FTLP1	K13625
ENSG00000235526	5.13E-15	-2.63127	1	1 RP5-1028L10.2	-
ENSG00000235532	5.13E-15	-2.63127	1	1 LINC00402	-
ENSG00000235533	5.13E-15	-2.63127	1	1 RP11-284P20.3	-
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ENSG00000235535	5.13E-15	-2.63127	1	1 RP11-532N4.2	-
ENSG00000235537	5.13E-15	-2.63127	1	1 AC009411.2	-
ENSG00000235538	5.13E-15	-2.63127	1	1 RP1-230L10.1	-
ENSG00000235539	5.13E-15	-2.63127	1	1 MTND1P33	-
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ENSG00000235546	5.13E-15	-2.63127	1	1 AC087499.5	-
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ENSG00000235548	5.13E-15	-2.63127	1	1 AC073551.1	K09488
ENSG00000235549	5.13E-15	-2.63127	1	1 RP11-781D11.1	K03113
ENSG00000235550	5.13E-15	-2.63127	1	1 ANKRD26P2	-
ENSG00000235555	5.13E-15	-2.63127	1	1 SUMO1P4	K12160
ENSG00000235558	5.13E-15	-2.63127	1	1 RP11-1198D22.1	K01195
ENSG00000235559	5.13E-15	-2.63127	1	1 NOL5BP	K14564
ENSG00000235563	5.13E-15	-2.63127	1	1 RP11-334A14.8	-
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ENSG00000235570	5.13E-15	-2.63127	1	1 LINC00533	-
ENSG00000235571	5.13E-15	-2.63127	1	1 SNX18P14	K17299
ENSG00000235572	5.13E-15	-2.63127	1	1 RP11-555H7.2	-
ENSG00000235573	5.13E-15	-2.63127	1	1 RP3-412A9.12	K02957
ENSG00000235575	5.13E-15	-2.63127	1	1 RP4-800F24.1	-
ENSG00000235576	5.13E-15	-2.63127	1	1 AC092580.4	-
ENSG00000235578	5.13E-15	-2.63127	1	1 XXbac-B33L19.4	-
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ENSG00000235582	5.13E-15	-2.63127	1	1 RP11-448G4.2	K02896
ENSG00000235583	5.13E-15	-2.63127	1	1 AC007562.1	K10582
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ENSG00000235592	5.13E-15	-2.63127	1	1 GS1-600G8.4	-
ENSG00000235593	5.13E-15	-2.63127	1	1 RBMS3-AS1	-
ENSG00000235594	5.13E-15	-2.63127	1	1 RP11-380D15.2	-
ENSG00000235595	5.13E-15	-2.63127	1	1 GAPDHP23	K00134
ENSG00000235597	5.13E-15	-2.63127	1	1 LINC01102	-
ENSG00000235598	5.13E-15	-2.63127	1	1 RRM2P4	K10808
ENSG00000235602	5.13E-15	-2.63127	1	1 POU5F1P3	K09367
ENSG00000235604	5.13E-15	-2.63127	1	1 SPANXB1	-
ENSG00000235606	5.13E-15	-2.63127	1	1 AK4P6	K00939
ENSG00000235608	5.13E-15	-2.63127	1	1 NKX1-1	K09309
ENSG00000235610	5.13E-15	-2.63127	1	1 AC013448.2	-
ENSG00000235612	5.13E-15	-2.63127	1	1 RP1-158P9.1	-
ENSG00000235615	5.13E-15	-2.63127	1	1 AJ239322.1	-
ENSG00000235616	5.13E-15	-2.63127	1	1 ST13P2	K09560
ENSG00000235617	5.13E-15	-2.63127	1	1 XXbac-B476C20.10	K07377
ENSG00000235618	5.13E-15	-2.63127	1	1 RP11-324H6.5	K18462
ENSG00000235619	5.13E-15	-2.63127	1	1 RPL36AP33	K02929
ENSG00000235620	5.13E-15	-2.63127	1	1 AC020743.4	-
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ENSG00000235623	5.13E-15	-2.63127	1	1 OR7E110P	K04257
ENSG00000235625	5.13E-15	-2.63127	1	1 RP11-203P2.2	-
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ENSG00000235627	5.13E-15	-2.63127	1	1 SNRPP4	-
ENSG00000235628	5.13E-15	-2.63127	1	1 TNR-IT1	-
ENSG00000235629	5.13E-15	-2.63127	1	1 AC090952.5	-
ENSG00000235631	5.13E-15	-2.63127	1	1 RNF148	-
ENSG00000235635	5.13E-15	-2.63127	1	1 AC016644.1	-
ENSG00000235637	5.13E-15	-2.63127	1	1 RP11-457D2.3	-
ENSG00000235638	5.13E-15	-2.63127	1	1 MTND6P14	-
ENSG00000235639	5.13E-15	-2.63127	1	1 AC002069.6	-
ENSG00000235640	5.13E-15	-2.63127	1	1 AC092646.1	K15076
ENSG00000235641	5.13E-15	-2.63127	1	1 LINC00484	-
ENSG00000235642	5.13E-15	-2.63127	1	1 PTP4A1P5	K18041
ENSG00000235644	5.13E-15	-2.63127	1	1 AC010095.7	K02866
ENSG00000235645	5.13E-15	-2.63127	1	1 RP11-242G20.1	-
ENSG00000235646	5.13E-15	-2.63127	1	1 MTND1P2	K03878
ENSG00000235647	5.13E-15	-2.63127	1	1 RP1-172B20.6	-
ENSG00000235649	5.13E-15	-2.63127	1	1 MXRA5P1	-
ENSG00000235653	5.13E-15	-2.63127	1	1 AC007253.1	K09228
ENSG00000235656	5.13E-15	-2.63127	1	1 RPL36P18	K02920
ENSG00000235659	5.13E-15	-2.63127	1	1 RP11-374M1.5	-
ENSG00000235661	5.13E-15	-2.63127	1	1 MIR670HG	-
ENSG00000235663	5.13E-15	-2.63127	1	1 SAPCD1-AS1	-
ENSG00000235665	5.13E-15	-2.63127	1	1 LINC00298	-
ENSG00000235669	5.13E-15	-2.63127	1	1 AC004593.3	-
ENSG00000235672	5.13E-15	-2.63127	1	1 AC090286.2	K15306
ENSG00000235673	5.13E-15	-2.63127	1	1 RP11-109P14.8	K02981
ENSG00000235675	5.13E-15	-2.63127	1	1 AC151961.1	-
ENSG00000235678	5.13E-15	-2.63127	1	1 OR5AN2P	K04257
ENSG00000235679	5.13E-15	-2.63127	1	1 RP11-449I17.9	K11644
ENSG00000235681	5.13E-15	-2.63127	1	1 AC008746.5	-
ENSG00000235683	5.13E-15	-2.63127	1	1 AC018442.1	K17800
ENSG00000235685	5.13E-15	-2.63127	1	1 RP11-126D17.1	K02969

ENSG00000235686	5.13E-15	-2.63127	1	1 PPIAP20	K03767
ENSG00000235687	5.13E-15	-2.63127	1	1 LINC00993	-
ENSG00000235688	5.13E-15	-2.63127	1	1 AC116614.1	-
ENSG00000235689	5.13E-15	-2.63127	1	1 AP000351.13	-
ENSG00000235690	5.13E-15	-2.63127	1	1 CUBNP3	K14616
ENSG00000235691	5.13E-15	-2.63127	1	1 AC006987.5	-
ENSG00000235695	5.13E-15	-2.63127	1	1 RP11-395P16.1	-
ENSG00000235699	5.13E-15	-2.63127	1	1 CXorf51B	-
ENSG00000235702	5.13E-15	-2.63127	1	1 WI2-925H4.1	-
ENSG00000235705	5.13E-15	-2.63127	1	1 AL133481.1	K01896
ENSG00000235707	5.13E-15	-2.63127	1	1 RP11-323A7.1	-
ENSG00000235710	5.13E-15	-2.63127	1	1 RP5-1097F14.3	-
ENSG00000235711	5.13E-15	-2.63127	1	1 ANKRD34C	-
ENSG00000235713	5.13E-15	-2.63127	1	1 RP4-604G5.3	K07628
ENSG00000235716	5.13E-15	-2.63127	1	1 KRT18P46	K07604
ENSG00000235717	5.13E-15	-2.63127	1	1 DPP10-AS2	-
ENSG00000235718	5.13E-15	-2.63127	1	1 MFRP	-
ENSG00000235719	5.13E-15	-2.63127	1	1 AC010141.1	-
ENSG00000235725	5.13E-15	-2.63127	1	1 AC007389.3	-
ENSG00000235726	5.13E-15	-2.63127	1	1 AC010148.1	-
ENSG00000235728	5.13E-15	-2.63127	1	1 AC007349.5	-
ENSG00000235729	5.13E-15	-2.63127	1	1 RP11-29O6.2	K02993
ENSG00000235730	5.13E-15	-2.63127	1	1 OR2AF1P	K04257
ENSG00000235731	5.13E-15	-2.63127	1	1 AC124997.1	-
ENSG00000235735	5.13E-15	-2.63127	1	1 RPL7AP72	-
ENSG00000235736	5.13E-15	-2.63127	1	1 RP1-10C16.1	-
ENSG00000235737	5.13E-15	-2.63127	1	1 TRIM60P19	-
ENSG00000235738	5.13E-15	-2.63127	1	1 RP11-419M24.2	-
ENSG00000235741	5.13E-15	-2.63127	1	1 RP5-866L20.1	-
ENSG00000235742	5.13E-15	-2.63127	1	1 RP11-5G18.2	-
ENSG00000235743	5.13E-15	-2.63127	1	1 RP11-439H9.1	-
ENSG00000235749	5.13E-15	-2.63127	1	1 RP11-634B7.4	-
ENSG00000235751	5.13E-15	-2.63127	1	1 MAGI2-IT1	-
ENSG00000235756	5.13E-15	-2.63127	1	1 RP11-339A11.1	K13199
ENSG00000235759	5.13E-15	-2.63127	1	1 ARHGAP42P3	-
ENSG00000235761	5.13E-15	-2.63127	1	1 RP11-293G6__B.2	K02262
ENSG00000235763	5.13E-15	-2.63127	1	1 SNRPGP5	K11099
ENSG00000235768	5.13E-15	-2.63127	1	1 BRD7P5	K11723
ENSG00000235770	5.13E-15	-2.63127	1	1 LINC00607	-
ENSG00000235775	5.13E-15	-2.63127	1	1 AC063976.2	-
ENSG00000235777	5.13E-15	-2.63127	1	1 DPYD-AS2	-
ENSG00000235778	5.13E-15	-2.63127	1	1 AC130360.8	K11845
ENSG00000235779	5.13E-15	-2.63127	1	1 AC079779.5	-
ENSG00000235780	5.13E-15	-2.63127	1	1 USP17L27	K11845
ENSG00000235781	5.13E-15	-2.63127	1	1 XXbac-BPG249D20	-
ENSG00000235782	5.13E-15	-2.63127	1	1 RP3-333A15.1	-
ENSG00000235784	5.13E-15	-2.63127	1	1 HNRNPA1P29	K12741
ENSG00000235785	5.13E-15	-2.63127	1	1 AL109767.1	-
ENSG00000235787	5.13E-15	-2.63127	1	1 RP11-219I21.1	K02917
ENSG00000235794	5.13E-15	-2.63127	1	1 RP5-837O21.6	-
ENSG00000235797	5.13E-15	-2.63127	1	1 RP11-402G3.6	K18584
ENSG00000235802	5.13E-15	-2.63127	1	1 HCFC1-AS1	-
ENSG00000235803	5.13E-15	-2.63127	1	1 RP11-343J3.6	K02261
ENSG00000235804	5.13E-15	-2.63127	1	1 RP4-535B20.2	K02974
ENSG00000235805	5.13E-15	-2.63127	1	1 SOCS5P3	K04698
ENSG00000235808	5.13E-15	-2.63127	1	1 MYL6P2	K12751
ENSG00000235810	5.13E-15	-2.63127	1	1 RP11-550A9.1	-
ENSG00000235811	5.13E-15	-2.63127	1	1 RP11-510N19.3	K02153

ENSG00000235812	5.13E-15	-2.63127	1	1 ADAM21P1	K08610
ENSG00000235813	5.13E-15	-2.63127	1	1 RP11-308B5.2	-
ENSG00000235815	5.13E-15	-2.63127	1	1 RP1-125N5.2	-
ENSG00000235816	5.13E-15	-2.63127	1	1 PRELID1P3	-
ENSG00000235817	5.13E-15	-2.63127	1	1 RP11-543E8.2	K02974
ENSG00000235818	5.13E-15	-2.63127	1	1 VN1R17P	K04614
ENSG00000235819	5.13E-15	-2.63127	1	1 RP11-359J6.1	-
ENSG00000235820	5.13E-15	-2.63127	1	1 RP5-1022P6.5	-
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ENSG00000235822	5.13E-15	-2.63127	1	1 LINC01073	-
ENSG00000235824	5.13E-15	-2.63127	1	1 LINC00837	-
ENSG00000235825	5.13E-15	-2.63127	1	1 FAM90A9P	-
ENSG00000235827	5.13E-15	-2.63127	1	1 TUBB8P9	K07375
ENSG00000235828	5.13E-15	-2.63127	1	1 RPL36AP26	K02929
ENSG00000235829	5.13E-15	-2.63127	1	1 TBCAP2	K17292
ENSG00000235830	5.13E-15	-2.63127	1	1 SRGAP3-AS4	-
ENSG00000235832	5.13E-15	-2.63127	1	1 CNN2P3	-
ENSG00000235833	5.13E-15	-2.63127	1	1 AC159540.14	-
ENSG00000235836	5.13E-15	-2.63127	1	1 AC124944.4	K10394
ENSG00000235838	5.13E-15	-2.63127	1	1 HSP90AB7P	K04079
ENSG00000235845	5.13E-15	-2.63127	1	1 RP11-272D20.2	-
ENSG00000235849	5.13E-15	-2.63127	1	1 HS6ST2-AS1	-
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ENSG00000235857	5.13E-15	-2.63127	1	1 CTBP2P1	K04496
ENSG00000235858	5.13E-15	-2.63127	1	1 RP11-36D19.8	-
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ENSG00000235864	5.13E-15	-2.63127	1	1 HSPA8P6	K03283
ENSG00000235868	5.13E-15	-2.63127	1	1 GAPDHP31	K00134
ENSG00000235869	5.13E-15	-2.63127	1	1 RP1-102G20.4	K02976
ENSG00000235871	5.13E-15	-2.63127	1	1 AC062016.3	-
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ENSG00000235875	5.13E-15	-2.63127	1	1 ARHGEF7-AS2	-
ENSG00000235876	5.13E-15	-2.63127	1	1 FEM1AP4	-
ENSG00000235879	5.13E-15	-2.63127	1	1 FAR1P1	K13356
ENSG00000235880	5.13E-15	-2.63127	1	1 RP11-59O6.3	-
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ENSG00000235883	5.13E-15	-2.63127	1	1 AC012379.1	K17449
ENSG00000235886	5.13E-15	-2.63127	1	1 RP4-672N11.1	-
ENSG00000235887	5.13E-15	-2.63127	1	1 RP11-763B22.6	-
ENSG00000235890	5.13E-15	-2.63127	1	1 TSPEAR-AS1	-
ENSG00000235892	5.13E-15	-2.63127	1	1 PKMP2	K00873
ENSG00000235893	5.13E-15	-2.63127	1	1 RP11-460E7.8	-
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ENSG00000235896	5.13E-15	-2.63127	1	1 IGKV3D-7	-
ENSG00000235899	5.13E-15	-2.63127	1	1 RP11-345L23.1	-
ENSG00000235901	5.13E-15	-2.63127	1	1 RP11-342F21.1	-
ENSG00000235902	5.13E-15	-2.63127	1	1 RP11-626E13.1	-
ENSG00000235910	5.13E-15	-2.63127	1	1 APOA1-AS	-
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ENSG00000235914	5.13E-15	-2.63127	1	1 MACROD2-AS1	-
ENSG00000235916	5.13E-15	-2.63127	1	1 RP13-444K19.1	K02963
ENSG00000235917	5.13E-15	-2.63127	1	1 RP11-39K24.14	-
ENSG00000235920	5.13E-15	-2.63127	1	1 AC073109.2	K13112
ENSG00000235922	5.13E-15	-2.63127	1	1 RP11-323C15.1	-
ENSG00000235924	5.13E-15	-2.63127	1	1 ZNRF2P3	-
ENSG00000235926	5.13E-15	-2.63127	1	1 RP13-650G11.1	-
ENSG00000235929	5.13E-15	-2.63127	1	1 TPT1P14	-
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ENSG00000235931	5.13E-15	-2.63127	1	1 C10orf40	-
ENSG00000235932	5.13E-15	-2.63127	1	1 RP11-250H24.6	K12019
ENSG00000235933	5.13E-15	-2.63127	1	1 RP5-1185H19.2	-
ENSG00000235934	5.13E-15	-2.63127	1	1 AC007405.8	-
ENSG00000235937	5.13E-15	-2.63127	1	1 AC008280.1	K02889
ENSG00000235938	5.13E-15	-2.63127	1	1 RP11-157L3.4	-
ENSG00000235939	5.13E-15	-2.63127	1	1 RP11-123B3.2	-
ENSG00000235942	5.13E-15	-2.63127	1	1 LCE6A	-
ENSG00000235943	5.13E-15	-2.63127	1	1 TMEM212-IT1	-
ENSG00000235945	5.13E-15	-2.63127	1	1 AC002543.2	-
ENSG00000235946	5.13E-15	-2.63127	1	1 LL0XNC01-240C2.1	K11252
ENSG00000235949	5.13E-15	-2.63127	1	1 AC061961.2	-
ENSG00000235950	5.13E-15	-2.63127	1	1 DUX4L15	-
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ENSG00000235955	5.13E-15	-2.63127	1	1 C1CP20	K16941
ENSG00000235959	5.13E-15	-2.63127	1	1 AC009237.17	-
ENSG00000235961	5.13E-15	-2.63127	1	1 PNMA6C	-
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ENSG00000235963	5.13E-15	-2.63127	1	1 MCCD1P1	-
ENSG00000235964	5.13E-15	-2.63127	1	1 FXYD6P2	K13363
ENSG00000235965	5.13E-15	-2.63127	1	1 AP000431.1	-
ENSG00000235967	5.13E-15	-2.63127	1	1 COX5BP3	-
ENSG00000235968	5.13E-15	-2.63127	1	1 AC079112.1	K10278
ENSG00000235969	5.13E-15	-2.63127	1	1 CHEK2P4	K06641
ENSG00000235972	5.13E-15	-2.63127	1	1 RP11-472G23.10	-
ENSG00000235974	5.13E-15	-2.63127	1	1 VN2R19P	-
ENSG00000235975	5.13E-15	-2.63127	1	1 RP1-106C24.1	-
ENSG00000235976	5.13E-15	-2.63127	1	1 RP1-197J16.1	-
ENSG00000235979	5.13E-15	-2.63127	1	1 AC004448.5	-
ENSG00000235981	5.13E-15	-2.63127	1	1 AC023274.4	K10582
ENSG00000235982	5.13E-15	-2.63127	1	1 AC007875.3	K05725
ENSG00000235984	5.13E-15	-2.63127	1	1 GPC5-AS1	-
ENSG00000235988	5.13E-15	-2.63127	1	1 RP11-495P10.4	-
ENSG00000235991	5.13E-15	-2.63127	1	1 RP11-143H17.1	-
ENSG00000235992	5.13E-15	-2.63127	1	1 GRAMD4P2	-
ENSG00000235993	5.13E-15	-2.63127	1	1 AC007559.1	-
ENSG00000235994	5.13E-15	-2.63127	1	1 RP3-470B24.5	-
ENSG00000235995	5.13E-15	-2.63127	1	1 UBE2V1P6	K10704
ENSG00000235996	5.13E-15	-2.63127	1	1 RP11-97N19.2	-
ENSG00000235997	5.13E-15	-2.63127	1	1 AC109642.1	-
ENSG00000235998	5.13E-15	-2.63127	1	1 TAAR7P	-
ENSG00000235999	5.13E-15	-2.63127	1	1 RP11-403I13.8	-
ENSG00000236002	5.13E-15	-2.63127	1	1 CTB-75G16.1	K02981
ENSG00000236003	5.13E-15	-2.63127	1	1 AC007050.17	-
ENSG00000236004	5.13E-15	-2.63127	1	1 RP4-800M22.4	K02940
ENSG00000236005	5.13E-15	-2.63127	1	1 RP11-438P9.1	K02960
ENSG00000236007	5.13E-15	-2.63127	1	1 AC105921.5	K02256
ENSG00000236009	5.13E-15	-2.63127	1	1 RP11-293F5.1	-
ENSG00000236012	5.13E-15	-2.63127	1	1 HIGD1AP12	-
ENSG00000236016	5.13E-15	-2.63127	1	1 RP1-3J17.3	-
ENSG00000236021	5.13E-15	-2.63127	1	1 RP11-195C7.1	-
ENSG00000236025	5.13E-15	-2.63127	1	1 RP11-463J7.1	-
ENSG00000236026	5.13E-15	-2.63127	1	1 AC009237.14	K12019
ENSG00000236027	5.13E-15	-2.63127	1	1 PATE3	-
ENSG00000236028	5.13E-15	-2.63127	1	1 RP11-323C15.2	-
ENSG00000236029	5.13E-15	-2.63127	1	1 AL953854.2	-
ENSG00000236030	5.13E-15	-2.63127	1	1 LINC01036	-
ENSG00000236031	5.13E-15	-2.63127	1	1 RP11-269F20.1	-

ENSG00000236032	5.13E-15	-2.63127	1	1 OR5H14	K04257
ENSG00000236035	5.13E-15	-2.63127	1	1 RP11-90O23.1	K14842
ENSG00000236036	5.13E-15	-2.63127	1	1 LINC00445	-
ENSG00000236039	5.13E-15	-2.63127	1	1 AC019117.2	-
ENSG00000236040	5.13E-15	-2.63127	1	1 CHIAP1	K01183
ENSG00000236041	5.13E-15	-2.63127	1	1 COX6CP18	-
ENSG00000236042	5.13E-15	-2.63127	1	1 RP1-203C2.2	-
ENSG00000236044	5.13E-15	-2.63127	1	1 FABP5P2	K08754
ENSG00000236046	5.13E-15	-2.63127	1	1 AC004920.3	-
ENSG00000236047	5.13E-15	-2.63127	1	1 AC073410.1	K02872
ENSG00000236051	5.13E-15	-2.63127	1	1 MYCBP2-AS1	-
ENSG00000236052	5.13E-15	-2.63127	1	1 LL22NC03-86D4.1	-
ENSG00000236053	5.13E-15	-2.63127	1	1 LINC01067	-
ENSG00000236058	5.13E-15	-2.63127	1	1 RP11-215A21.2	K02880
ENSG00000236062	5.13E-15	-2.63127	1	1 GSTM5P1	K00799
ENSG00000236064	5.13E-15	-2.63127	1	1 RP6-191P20.4	-
ENSG00000236068	5.13E-15	-2.63127	1	1 AC016561.1	K01081
ENSG00000236069	5.13E-15	-2.63127	1	1 RP5-1011O1.3	-
ENSG00000236072	5.13E-15	-2.63127	1	1 RP11-281B1.2	K12891
ENSG00000236073	5.13E-15	-2.63127	1	1 RP11-487E1.2	K02915
ENSG00000236075	5.13E-15	-2.63127	1	1 RP11-121P10.1	-
ENSG00000236076	5.13E-15	-2.63127	1	1 LINC01072	-
ENSG00000236077	5.13E-15	-2.63127	1	1 RP11-232D9.2	K05038
ENSG00000236078	5.13E-15	-2.63127	1	1 AC095067.1	-
ENSG00000236079	5.13E-15	-2.63127	1	1 RP1-321I0.11	-
ENSG00000236080	5.13E-15	-2.63127	1	1 YAP1P2	K16687
ENSG00000236082	5.13E-15	-2.63127	1	1 RP11-217L21.1	-
ENSG00000236083	5.13E-15	-2.63127	1	1 OR13E1P	K04257
ENSG00000236085	5.13E-15	-2.63127	1	1 ACTG1P4	K05692
ENSG00000236094	5.13E-15	-2.63127	1	1 LINC00545	-
ENSG00000236097	5.13E-15	-2.63127	1	1 BNIP3P2	-
ENSG00000236098	5.13E-15	-2.63127	1	1 RP11-148B18.4	-
ENSG00000236099	5.13E-15	-2.63127	1	1 AC013403.13	K14386
ENSG00000236101	5.13E-15	-2.63127	1	1 RAC1P7	-
ENSG00000236102	5.13E-15	-2.63127	1	1 RP4-639J15.1	-
ENSG00000236104	5.13E-15	-2.63127	1	1 ZBTB22	K10502
ENSG00000236105	5.13E-15	-2.63127	1	1 AC000110.1	-
ENSG00000236106	5.13E-15	-2.63127	1	1 AC010729.2	-
ENSG00000236107	5.13E-15	-2.63127	1	1 AC010127.3	-
ENSG00000236108	5.13E-15	-2.63127	1	1 RP11-383G10.1	K12946
ENSG00000236109	5.13E-15	-2.63127	1	1 AC013402.3	-
ENSG00000236111	5.13E-15	-2.63127	1	1 RP11-630I5.1	K02934
ENSG00000236114	5.13E-15	-2.63127	1	1 RP11-517P14.7	K09228
ENSG00000236115	5.13E-15	-2.63127	1	1 RP11-62C3.6	-
ENSG00000236116	5.13E-15	-2.63127	1	1 AC064853.2	-
ENSG00000236117	5.13E-15	-2.63127	1	1 RP4-754E20__A.5	-
ENSG00000236118	5.13E-15	-2.63127	1	1 LL22NC03-30E12.10	-
ENSG00000236121	5.13E-15	-2.63127	1	1 HAUS6P2	K16589
ENSG00000236124	5.13E-15	-2.63127	1	1 HMG2P23	K11300
ENSG00000236125	5.13E-15	-2.63127	1	1 USP17L4	K11845
ENSG00000236126	5.13E-15	-2.63127	1	1 CT47A3	-
ENSG00000236129	5.13E-15	-2.63127	1	1 AP002856.4	-
ENSG00000236130	5.13E-15	-2.63127	1	1 RP11-23B15.1	-
ENSG00000236131	5.13E-15	-2.63127	1	1 MED13P1	K15164
ENSG00000236132	5.13E-15	-2.63127	1	1 CTA-440B3.1	K02880
ENSG00000236133	5.13E-15	-2.63127	1	1 LINC01069	-
ENSG00000236136	5.13E-15	-2.63127	1	1 ADORA2BP	K04267
ENSG00000236138	5.13E-15	-2.63127	1	1 RP11-413E6.7	-

ENSG00000236140	5.13E-15	-2.63127	1	1 RP11-89F3.2	-
ENSG00000236141	5.13E-15	-2.63127	1	1 AC013727.2	-
ENSG00000236145	5.13E-15	-2.63127	1	1 AC079988.3	-
ENSG00000236146	5.13E-15	-2.63127	1	1 RP11-65J3.6	K10452
ENSG00000236148	5.13E-15	-2.63127	1	1 AC114752.2	K02893
ENSG00000236151	5.13E-15	-2.63127	1	1 RP5-1100I6.1	-
ENSG00000236152	5.13E-15	-2.63127	1	1 MRPS36P1	K17414
ENSG00000236153	5.13E-15	-2.63127	1	1 AC104076.3	-
ENSG00000236154	5.13E-15	-2.63127	1	1 RP11-343J3.2	-
ENSG00000236156	5.13E-15	-2.63127	1	1 CHCHD4P3	K17782
ENSG00000236157	5.13E-15	-2.63127	1	1 RP11-187C18.4	-
ENSG00000236158	5.13E-15	-2.63127	1	1 RFC3P1	K10756
ENSG00000236160	5.13E-15	-2.63127	1	1 GS1-541M1.2	K12399
ENSG00000236162	5.13E-15	-2.63127	1	1 AC092687.3	-
ENSG00000236164	5.13E-15	-2.63127	1	1 RP11-268F1.3	-
ENSG00000236165	5.13E-15	-2.63127	1	1 PRADC1P1	-
ENSG00000236166	5.13E-15	-2.63127	1	1 RP3-523C21.2	-
ENSG00000236167	5.13E-15	-2.63127	1	1 GAPDHP57	-
ENSG00000236168	5.13E-15	-2.63127	1	1 RP5-831C21.1	K08878
ENSG00000236169	5.13E-15	-2.63127	1	1 LINC00418	-
ENSG00000236170	5.13E-15	-2.63127	1	1 IGHD1-1	-
ENSG00000236171	5.13E-15	-2.63127	1	1 RP11-501J20.3	K02870
ENSG00000236172	5.13E-15	-2.63127	1	1 hsa-mir-7515	-
ENSG00000236173	5.13E-15	-2.63127	1	1 RP1-182D15.2	-
ENSG00000236175	5.13E-15	-2.63127	1	1 SSU72P6	K15544
ENSG00000236176	5.13E-15	-2.63127	1	1 LINC00353	-
ENSG00000236179	5.13E-15	-2.63127	1	1 RP13-221M14.4	-
ENSG00000236180	5.13E-15	-2.63127	1	1 RP11-163G10.4	-
ENSG00000236182	5.13E-15	-2.63127	1	1 RP11-297K7.1	K09880
ENSG00000236185	5.13E-15	-2.63127	1	1 HNRNPDL3	-
ENSG00000236187	5.13E-15	-2.63127	1	1 GJA6P	K07372
ENSG00000236188	5.13E-15	-2.63127	1	1 PRKX-AS1	-
ENSG00000236189	5.13E-15	-2.63127	1	1 RPL18AP15	K02882
ENSG00000236190	5.13E-15	-2.63127	1	1 RP3-431C21.1	-
ENSG00000236191	5.13E-15	-2.63127	1	1 RPS15AP25	K02957
ENSG00000236193	5.13E-15	-2.63127	1	1 RP11-105N14.3	-
ENSG00000236195	5.13E-15	-2.63127	1	1 RNMTL1P2	-
ENSG00000236198	5.13E-15	-2.63127	1	1 AC104395.2	-
ENSG00000236202	5.13E-15	-2.63127	1	1 GRM7-AS1	-
ENSG00000236205	5.13E-15	-2.63127	1	1 RP3-406C18.1	-
ENSG00000236206	5.13E-15	-2.63127	1	1 RP11-306I1.2	-
ENSG00000236208	5.13E-15	-2.63127	1	1 C10orf71-AS1	-
ENSG00000236211	5.13E-15	-2.63127	1	1 AC068137.5	K02256
ENSG00000236212	5.13E-15	-2.63127	1	1 AC009262.2	-
ENSG00000236216	5.13E-15	-2.63127	1	1 PPP1R11P1	K17553
ENSG00000236217	5.13E-15	-2.63127	1	1 C1DP2	K12592
ENSG00000236230	5.13E-15	-2.63127	1	1 RP11-400N13.1	-
ENSG00000236231	5.13E-15	-2.63127	1	1 AC017048.2	-
ENSG00000236232	5.13E-15	-2.63127	1	1 AC004112.7	K00412
ENSG00000236234	5.13E-15	-2.63127	1	1 AC091132.1	-
ENSG00000236235	5.13E-15	-2.63127	1	1 LA16c-13E4.3	-
ENSG00000236240	5.13E-15	-2.63127	1	1 GPC5-IT1	-
ENSG00000236241	5.13E-15	-2.63127	1	1 RP11-744O11.2	-
ENSG00000236243	5.13E-15	-2.63127	1	1 RPL6P29	K02934
ENSG00000236244	5.13E-15	-2.63127	1	1 RP4-799P18.3	-
ENSG00000236246	5.13E-15	-2.63127	1	1 AC073135.4	-
ENSG00000236247	5.13E-15	-2.63127	1	1 RP11-292B8.2	K12840
ENSG00000236248	5.13E-15	-2.63127	1	1 AC104389.32	-

ENSG00000236249	5.13E-15	-2.63127	1	1 GAGE2C	-
ENSG00000236252	5.13E-15	-2.63127	1	1 RP11-15J10.8	K12019
ENSG00000236253	5.13E-15	-2.63127	1	1 SLC25A3P1	K15102
ENSG00000236256	5.13E-15	-2.63127	1	1 DIAPH2-AS1	-
ENSG00000236257	5.13E-15	-2.63127	1	1 EI24P2	K10134
ENSG00000236259	5.13E-15	-2.63127	1	1 AC017083.2	K03767
ENSG00000236261	5.13E-15	-2.63127	1	1 RP11-368M16.6	-
ENSG00000236262	5.13E-15	-2.63127	1	1 SHANK2-AS2	-
ENSG00000236263	5.13E-15	-2.63127	1	1 RP11-263K19.6	-
ENSG00000236267	5.13E-15	-2.63127	1	1 AP006216.5	-
ENSG00000236268	5.13E-15	-2.63127	1	1 RP11-170N11.1	-
ENSG00000236272	5.13E-15	-2.63127	1	1 Z82214.3	-
ENSG00000236274	5.13E-15	-2.63127	1	1 RP4-728D4.3	-
ENSG00000236276	5.13E-15	-2.63127	1	1 NDP-AS1	-
ENSG00000236277	5.13E-15	-2.63127	1	1 NIPA2P5	-
ENSG00000236278	5.13E-15	-2.63127	1	1 PEBP1P3	-
ENSG00000236279	5.13E-15	-2.63127	1	1 CLEC2L	-
ENSG00000236280	5.13E-15	-2.63127	1	1 AC114737.3	K00787
ENSG00000236281	5.13E-15	-2.63127	1	1 AC093106.5	K03965
ENSG00000236283	5.13E-15	-2.63127	1	1 AC013463.2	-
ENSG00000236284	5.13E-15	-2.63127	1	1 VN1R31P	K04614
ENSG00000236285	5.13E-15	-2.63127	1	1 NPM1P8	K11276
ENSG00000236289	5.13E-15	-2.63127	1	1 AC130710.1	-
ENSG00000236290	5.13E-15	-2.63127	1	1 EEF1GP7	K03233
ENSG00000236292	5.13E-15	-2.63127	1	1 RP5-1099E6.3	-
ENSG00000236294	5.13E-15	-2.63127	1	1 TSRM	-
ENSG00000236295	5.13E-15	-2.63127	1	1 AC007563.1	-
ENSG00000236300	5.13E-15	-2.63127	1	1 AC013437.4	-
ENSG00000236301	5.13E-15	-2.63127	1	1 MRGPRG-AS1	-
ENSG00000236303	5.13E-15	-2.63127	1	1 RP11-540N6.1	-
ENSG00000236304	5.13E-15	-2.63127	1	1 AP001189.4	-
ENSG00000236306	5.13E-15	-2.63127	1	1 RP11-33G16.1	-
ENSG00000236309	5.13E-15	-2.63127	1	1 RP11-508N22.10	K12491
ENSG00000236310	5.13E-15	-2.63127	1	1 AC005027.3	-
ENSG00000236311	5.13E-15	-2.63127	1	1 TLX1NB	-
ENSG00000236312	5.13E-15	-2.63127	1	1 RPL34P34	K02915
ENSG00000236313	5.13E-15	-2.63127	1	1 VN1R53P	K04614
ENSG00000236316	5.13E-15	-2.63127	1	1 OR7E109P	K04257
ENSG00000236319	5.13E-15	-2.63127	1	1 CTD-2033D24.2	K14213
ENSG00000236320	5.13E-15	-2.63127	1	1 SLFN14	-
ENSG00000236322	5.13E-15	-2.63127	1	1 RP11-327I22.8	-
ENSG00000236323	5.13E-15	-2.63127	1	1 BMP6P1	K16620
ENSG00000236325	5.13E-15	-2.63127	1	1 AC005300.5	K02912
ENSG00000236326	5.13E-15	-2.63127	1	1 RP3-486I3.5	-
ENSG00000236330	5.13E-15	-2.63127	1	1 RPL5P9	K02932
ENSG00000236332	5.13E-15	-2.63127	1	1 AP001605.4	-
ENSG00000236333	5.13E-15	-2.63127	1	1 TRHDE-AS1	-
ENSG00000236334	5.13E-15	-2.63127	1	1 PPIAL4G	K12738
ENSG00000236335	5.13E-15	-2.63127	1	1 RP4-591L5.1	-
ENSG00000236336	5.13E-15	-2.63127	1	1 RP3-430A16.1	-
ENSG00000236337	5.13E-15	-2.63127	1	1 FMR1-IT1	-
ENSG00000236338	5.13E-15	-2.63127	1	1 AC015987.2	-
ENSG00000236339	5.13E-15	-2.63127	1	1 POM121L13P	-
ENSG00000236340	5.13E-15	-2.63127	1	1 AC000099.1	-
ENSG00000236341	5.13E-15	-2.63127	1	1 RP5-1103B4.3	-
ENSG00000236343	5.13E-15	-2.63127	1	1 EI24P4	K10134
ENSG00000236347	5.13E-15	-2.63127	1	1 RP11-346D19.1	-
ENSG00000236348	5.13E-15	-2.63127	1	1 PSMC1P10	K03062

ENSG00000236352	5.13E-15	-2.63127	1	1 AC005220.3	--
ENSG00000236354	5.13E-15	-2.63127	1	1 LINC00437	--
ENSG00000236355	5.13E-15	-2.63127	1	1 RP3-503A6.2	--
ENSG00000236356	5.13E-15	-2.63127	1	1 AC079584.2	--
ENSG00000236357	5.13E-15	-2.63127	1	1 EI24P1	K10134
ENSG00000236358	5.13E-15	-2.63127	1	1 RP5-827C21.2	--
ENSG00000236359	5.13E-15	-2.63127	1	1 OR51B8P	K04257
ENSG00000236361	5.13E-15	-2.63127	1	1 RP11-395E19.7	--
ENSG00000236362	5.13E-15	-2.63127	1	1 GAGE12F	--
ENSG00000236365	5.13E-15	-2.63127	1	1 RP5-849L7.1	K15030
ENSG00000236366	5.13E-15	-2.63127	1	1 RP11-440G9.1	--
ENSG00000236371	5.13E-15	-2.63127	1	1 CT47A1	--
ENSG00000236372	5.13E-15	-2.63127	1	1 RP5-865N13.1	--
ENSG00000236373	5.13E-15	-2.63127	1	1 RP11-15K3.1	--
ENSG00000236376	5.13E-15	-2.63127	1	1 RP11-470F18.1	--
ENSG00000236377	5.13E-15	-2.63127	1	1 AC084809.3	--
ENSG00000236378	5.13E-15	-2.63127	1	1 RP11-394G3.2	--
ENSG00000236379	5.13E-15	-2.63127	1	1 ZNF736P4Y	K09228
ENSG00000236380	5.13E-15	-2.63127	1	1 VENTXP7	--
ENSG00000236382	5.13E-15	-2.63127	1	1 KRTAP10-13P	--
ENSG00000236384	5.13E-15	-2.63127	1	1 LINC00479	--
ENSG00000236385	5.13E-15	-2.63127	1	1 RP11-114M1.2	--
ENSG00000236386	5.13E-15	-2.63127	1	1 AC009518.3	--
ENSG00000236387	5.13E-15	-2.63127	1	1 RP11-307O10.1	--
ENSG00000236388	5.13E-15	-2.63127	1	1 ITCH-AS1	--
ENSG00000236389	5.13E-15	-2.63127	1	1 RP1-287H17.1	--
ENSG00000236390	5.13E-15	-2.63127	1	1 RP11-25B7.1	--
ENSG00000236392	5.13E-15	-2.63127	1	1 AC100848.1	--
ENSG00000236394	5.13E-15	-2.63127	1	1 RP11-229P13.15	--
ENSG00000236395	5.13E-15	-2.63127	1	1 AC093106.6	K02957
ENSG00000236396	5.13E-15	-2.63127	1	1 RP11-677O4.3	--
ENSG00000236398	5.13E-15	-2.63127	1	1 TAS2R39	K08474
ENSG00000236400	5.13E-15	-2.63127	1	1 KRTAP21-4P	--
ENSG00000236401	5.13E-15	-2.63127	1	1 RP11-393M18.4	--
ENSG00000236403	5.13E-15	-2.63127	1	1 RP11-447M12.2	--
ENSG00000236405	5.13E-15	-2.63127	1	1 UBQLN1P1	--
ENSG00000236407	5.13E-15	-2.63127	1	1 HMGB1P18	K10802
ENSG00000236408	5.13E-15	-2.63127	1	1 RP11-476H24.1	--
ENSG00000236411	5.13E-15	-2.63127	1	1 NDUFAF4P3	K18161
ENSG00000236412	5.13E-15	-2.63127	1	1 RP11-132N15.2	--
ENSG00000236413	5.13E-15	-2.63127	1	1 RP13-24G8.2	--
ENSG00000236414	5.13E-15	-2.63127	1	1 AC004535.2	--
ENSG00000236420	5.13E-15	-2.63127	1	1 CHCHD3P1	K17563
ENSG00000236424	5.13E-15	-2.63127	1	1 TSPY10	K11284
ENSG00000236429	5.13E-15	-2.63127	1	1 GPM6BP2	--
ENSG00000236431	5.13E-15	-2.63127	1	1 AC009237.11	K12019
ENSG00000236433	5.13E-15	-2.63127	1	1 RPL37P21	--
ENSG00000236434	5.13E-15	-2.63127	1	1 RP11-296A18.6	--
ENSG00000236435	5.13E-15	-2.63127	1	1 TSPY12P	K11284
ENSG00000236436	5.13E-15	-2.63127	1	1 AC012361.1	--
ENSG00000236437	5.13E-15	-2.63127	1	1 AP001891.1	--
ENSG00000236440	5.13E-15	-2.63127	1	1 AC117947.1	--
ENSG00000236442	5.13E-15	-2.63127	1	1 ANKRD54P1	--
ENSG00000236444	5.13E-15	-2.63127	1	1 UBE2L5P	K04552
ENSG00000236445	5.13E-15	-2.63127	1	1 LINC00608	--
ENSG00000236446	5.13E-15	-2.63127	1	1 CT47B1	--
ENSG00000236447	5.13E-15	-2.63127	1	1 ATG10-IT1	--
ENSG00000236449	5.13E-15	-2.63127	1	1 AC018890.6	--

ENSG00000236450	5.13E-15	-2.63127	1	1 RP11-111F5.1	--
ENSG00000236451	5.13E-15	-2.63127	1	1 AC067956.1	--
ENSG00000236452	5.13E-15	-2.63127	1	1 AC123023.1	--
ENSG00000236453	5.13E-15	-2.63127	1	1 AC003092.1	--
ENSG00000236457	5.13E-15	-2.63127	1	1 AC130689.5	--
ENSG00000236459	5.13E-15	-2.63127	1	1 HNRNPA1P22	K12741
ENSG00000236460	5.13E-15	-2.63127	1	1 SNX2P2	--
ENSG00000236461	5.13E-15	-2.63127	1	1 RP11-523L1.2	--
ENSG00000236464	5.13E-15	-2.63127	1	1 CTA-796E4.3	--
ENSG00000236466	5.13E-15	-2.63127	1	1 RP11-795J1.1	--
ENSG00000236467	5.13E-15	-2.63127	1	1 RP11-443A13.5	--
ENSG00000236468	5.13E-15	-2.63127	1	1 RP11-104D3.2	K03231
ENSG00000236469	5.13E-15	-2.63127	1	1 AC007040.8	--
ENSG00000236471	5.13E-15	-2.63127	1	1 AF127577.12	--
ENSG00000236472	5.13E-15	-2.63127	1	1 AC002401.1	--
ENSG00000236473	5.13E-15	-2.63127	1	1 KRT43P	K07604
ENSG00000236474	5.13E-15	-2.63127	1	1 GCNT1P1	K00727
ENSG00000236475	5.13E-15	-2.63127	1	1 TRIM26BP	K12008
ENSG00000236476	5.13E-15	-2.63127	1	1 RP11-8J9.5	--
ENSG00000236477	5.13E-15	-2.63127	1	1 RPS24P1	--
ENSG00000236478	5.13E-15	-2.63127	1	1 AC012513.4	K12741
ENSG00000236481	5.13E-15	-2.63127	1	1 AC002331.1	--
ENSG00000236484	5.13E-15	-2.63127	1	1 RRM2P2	K10808
ENSG00000236485	5.13E-15	-2.63127	1	1 RP1-156L9.1	--
ENSG00000236487	5.13E-15	-2.63127	1	1 RP11-753E22.2	K02894
ENSG00000236491	5.13E-15	-2.63127	1	1 RP13-565O16.2	--
ENSG00000236494	5.13E-15	-2.63127	1	1 RP11-89N17.4	--
ENSG00000236495	5.13E-15	-2.63127	1	1 RP11-7C6.1	--
ENSG00000236496	5.13E-15	-2.63127	1	1 RP11-255J3.2	K15307
ENSG00000236497	5.13E-15	-2.63127	1	1 RP11-66A2.2	--
ENSG00000236500	5.13E-15	-2.63127	1	1 RP4-680D5.4	--
ENSG00000236501	5.13E-15	-2.63127	1	1 AC079305.11	--
ENSG00000236502	5.13E-15	-2.63127	1	1 SIX3-AS1	--
ENSG00000236503	5.13E-15	-2.63127	1	1 AC009784.4	K04969
ENSG00000236504	5.13E-15	-2.63127	1	1 AC087499.7	--
ENSG00000236505	5.13E-15	-2.63127	1	1 RP1-63P18.2	--
ENSG00000236507	5.13E-15	-2.63127	1	1 RP5-1050E16.1	--
ENSG00000236508	5.13E-15	-2.63127	1	1 ATP13A5-AS1	--
ENSG00000236509	5.13E-15	-2.63127	1	1 RPL21P133	K02889
ENSG00000236510	5.13E-15	-2.63127	1	1 AC011284.3	--
ENSG00000236511	5.13E-15	-2.63127	1	1 RP11-32F11.2	--
ENSG00000236513	5.13E-15	-2.63127	1	1 RP11-707P20.1	--
ENSG00000236514	5.13E-15	-2.63127	1	1 RP11-162G10.5	--
ENSG00000236516	5.13E-15	-2.63127	1	1 KLF2P4	K16467
ENSG00000236518	5.13E-15	-2.63127	1	1 RP13-77O11.7	--
ENSG00000236520	5.13E-15	-2.63127	1	1 GPC6-AS1	--
ENSG00000236521	5.13E-15	-2.63127	1	1 NPAP1P4	--
ENSG00000236523	5.13E-15	-2.63127	1	1 NPM1P40	K11276
ENSG00000236524	5.13E-15	-2.63127	1	1 RP11-134F2.2	--
ENSG00000236525	5.13E-15	-2.63127	1	1 AC007278.2	--
ENSG00000236528	5.13E-15	-2.63127	1	1 RP1-125I3.2	--
ENSG00000236529	5.13E-15	-2.63127	1	1 RP13-254B10.1	--
ENSG00000236530	5.13E-15	-2.63127	1	1 AC097711.1	K15043
ENSG00000236531	5.13E-15	-2.63127	1	1 RP5-945F2.2	--
ENSG00000236532	5.13E-15	-2.63127	1	1 AL035610.2	--
ENSG00000236533	5.13E-15	-2.63127	1	1 AC009413.2	K02951
ENSG00000236535	5.13E-15	-2.63127	1	1 RC3H1-IT1	--
ENSG00000236536	5.13E-15	-2.63127	1	1 AC003986.7	--

ENSG00000236538	5.13E-15	-2.63127	1	1 ZNF863P	K09228
ENSG00000236539	5.13E-15	-2.63127	1	1 HNRNPA1P54	K12741
ENSG00000236541	5.13E-15	-2.63127	1	1 VN2R9P	-
ENSG00000236543	5.13E-15	-2.63127	1	1 RP11-98L5.5	-
ENSG00000236544	5.13E-15	-2.63127	1	1 AC008060.8	-
ENSG00000236550	5.13E-15	-2.63127	1	1 RP4-673D20.5	K06551
ENSG00000236555	5.13E-15	-2.63127	1	1 AC115115.4	K04385
ENSG00000236556	5.13E-15	-2.63127	1	1 RP11-443O13.3	-
ENSG00000236562	5.13E-15	-2.63127	1	1 RP11-396M11.1	K06566
ENSG00000236564	5.13E-15	-2.63127	1	1 YWHAQP5	K01368
ENSG00000236569	5.13E-15	-2.63127	1	1 HNRNPA1P73	K12741
ENSG00000236570	5.13E-15	-2.63127	1	1 RAD23BP1	K10839
ENSG00000236571	5.13E-15	-2.63127	1	1 RP6-29D12.3	K02953
ENSG00000236572	5.13E-15	-2.63127	1	1 AC006369.3	-
ENSG00000236574	5.13E-15	-2.63127	1	1 RP11-340I6.4	K13504
ENSG00000236576	5.13E-15	-2.63127	1	1 RP11-22B10.3	-
ENSG00000236580	5.13E-15	-2.63127	1	1 RP11-95P9.1	K02920
ENSG00000236582	5.13E-15	-2.63127	1	1 PRPF38AP2	K12849
ENSG00000236584	5.13E-15	-2.63127	1	1 BX664726.3	-
ENSG00000236590	5.13E-15	-2.63127	1	1 MTATP6P4	-
ENSG00000236592	5.13E-15	-2.63127	1	1 S100A11P2	-
ENSG00000236594	5.13E-15	-2.63127	1	1 RPS27AP14	-
ENSG00000236595	5.13E-15	-2.63127	1	1 MED15P5	-
ENSG00000236596	5.13E-15	-2.63127	1	1 AC092568.1	-
ENSG00000236597	5.13E-15	-2.63127	1	1 IGHD7-27	-
ENSG00000236599	5.13E-15	-2.63127	1	1 TCEB1P26	-
ENSG00000236601	5.13E-15	-2.63127	1	1 RP4-669L17.2	-
ENSG00000236603	5.13E-15	-2.63127	1	1 RANP1	K07936
ENSG00000236604	5.13E-15	-2.63127	1	1 RP11-159H20.2	K06130
ENSG00000236605	5.13E-15	-2.63127	1	1 AC023115.4	-
ENSG00000236606	5.13E-15	-2.63127	1	1 RP11-93H12.3	K14394
ENSG00000236607	5.13E-15	-2.63127	1	1 RP11-691L4.2	K15410
ENSG00000236608	5.13E-15	-2.63127	1	1 EIF4A1P6	K03257
ENSG00000236610	5.13E-15	-2.63127	1	1 SOCS5P1	K04698
ENSG00000236611	5.13E-15	-2.63127	1	1 AP000343.2	-
ENSG00000236612	5.13E-15	-2.63127	1	1 KRTAP19-11P	-
ENSG00000236615	5.13E-15	-2.63127	1	1 AC010086.5	-
ENSG00000236617	5.13E-15	-2.63127	1	1 RP11-46H11.12	-
ENSG00000236620	5.13E-15	-2.63127	1	1 XKRYP3	-
ENSG00000236621	5.13E-15	-2.63127	1	1 OR52E1	K04257
ENSG00000236626	5.13E-15	-2.63127	1	1 MTND5P17	K03883
ENSG00000236634	5.13E-15	-2.63127	1	1 AC016903.1	-
ENSG00000236635	5.13E-15	-2.63127	1	1 RP11-35J1.1	-
ENSG00000236636	5.13E-15	-2.63127	1	1 RP11-211A18.1	K12164
ENSG00000236637	5.13E-15	-2.63127	1	1 IFNA4	K05414
ENSG00000236638	5.13E-15	-2.63127	1	1 RP5-905H7.4	-
ENSG00000236646	5.13E-15	-2.63127	1	1 LAMTOR5P1	K16344
ENSG00000236647	5.13E-15	-2.63127	1	1 AC009947.5	-
ENSG00000236648	5.13E-15	-2.63127	1	1 RP11-473A10.2	-
ENSG00000236653	5.13E-15	-2.63127	1	1 AC005235.1	-
ENSG00000236656	5.13E-15	-2.63127	1	1 RP11-144L1.4	-
ENSG00000236660	5.13E-15	-2.63127	1	1 FAM90A7P	-
ENSG00000236663	5.13E-15	-2.63127	1	1 AP001631.9	-
ENSG00000236664	5.13E-15	-2.63127	1	1 AC011998.1	-
ENSG00000236665	5.13E-15	-2.63127	1	1 AC114808.2	-
ENSG00000236666	5.13E-15	-2.63127	1	1 POTEH-AS1	-
ENSG00000236667	5.13E-15	-2.63127	1	1 AC104076.2	K02900
ENSG00000236668	5.13E-15	-2.63127	1	1 RP11-85O21.2	-

ENSG00000236669	5.13E-15	-2.63127	1	1 AC006372.1	-
ENSG00000236673	5.13E-15	-2.63127	1	1 RP11-69I8.2	-
ENSG00000236674	5.13E-15	-2.63127	1	1 RP4-792G4.3	K09527
ENSG00000236676	5.13E-15	-2.63127	1	1 RP5-837I24.4	-
ENSG00000236679	5.13E-15	-2.63127	1	1 RP4-669L17.1	K02893
ENSG00000236680	5.13E-15	-2.63127	1	1 RP11-296P7.4	K03065
ENSG00000236681	5.13E-15	-2.63127	1	1 DSTNP5	K10363
ENSG00000236683	5.13E-15	-2.63127	1	1 HMGA1P1	K09282
ENSG00000236684	5.13E-15	-2.63127	1	1 AL645728.3	K04613
ENSG00000236686	5.13E-15	-2.63127	1	1 BZW1P1	-
ENSG00000236687	5.13E-15	-2.63127	1	1 RP11-323H21.3	-
ENSG00000236689	5.13E-15	-2.63127	1	1 RP5-837O21.3	-
ENSG00000236690	5.13E-15	-2.63127	1	1 AC007274.5	-
ENSG00000236691	5.13E-15	-2.63127	1	1 NDUFA4P2	K03948
ENSG00000236692	5.13E-15	-2.63127	1	1 RP11-1217F2.9	K02256
ENSG00000236695	5.13E-15	-2.63127	1	1 HNRNPA1P47	K12741
ENSG00000236701	5.13E-15	-2.63127	1	1 RP11-549A6.1	K12491
ENSG00000236703	5.13E-15	-2.63127	1	1 MYB-AS1	-
ENSG00000236704	5.13E-15	-2.63127	1	1 CNOT4P1	-
ENSG00000236708	5.13E-15	-2.63127	1	1 AC073316.1	-
ENSG00000236709	5.13E-15	-2.63127	1	1 DAPK1-IT1	-
ENSG00000236711	5.13E-15	-2.63127	1	1 SMAD9-AS1	-
ENSG00000236712	5.13E-15	-2.63127	1	1 AC079448.1	-
ENSG00000236713	5.13E-15	-2.63127	1	1 RP11-363I22.3	-
ENSG00000236714	5.13E-15	-2.63127	1	1 AC005592.1	-
ENSG00000236716	5.13E-15	-2.63127	1	1 RP11-478H13.1	-
ENSG00000236717	5.13E-15	-2.63127	1	1 RP11-100G15.10	-
ENSG00000236718	5.13E-15	-2.63127	1	1 RBMY2QP	K12885
ENSG00000236719	5.13E-15	-2.63127	1	1 OVAAL	-
ENSG00000236720	5.13E-15	-2.63127	1	1 RP11-63B19.1	-
ENSG00000236722	5.13E-15	-2.63127	1	1 RP11-359I18.1	K02901
ENSG00000236723	5.13E-15	-2.63127	1	1 RP5-1024G6.2	-
ENSG00000236724	5.13E-15	-2.63127	1	1 RP11-252M18.3	-
ENSG00000236731	5.13E-15	-2.63127	1	1 RP4-801G22.2	K06727
ENSG00000236732	5.13E-15	-2.63127	1	1 AC094019.4	K02889
ENSG00000236734	5.13E-15	-2.63127	1	1 GRIFIN	-
ENSG00000236735	5.13E-15	-2.63127	1	1 RPL31P63	K02910
ENSG00000236736	5.13E-15	-2.63127	1	1 UQCRC2P1	K00415
ENSG00000236737	5.13E-15	-2.63127	1	1 GAGE12B	-
ENSG00000236740	5.13E-15	-2.63127	1	1 RP11-411K7.1	-
ENSG00000236741	5.13E-15	-2.63127	1	1 RP4-560B9.4	-
ENSG00000236742	5.13E-15	-2.63127	1	1 CTD-2340F8.3	-
ENSG00000236743	5.13E-15	-2.63127	1	1 RP5-857K21.15	-
ENSG00000236744	5.13E-15	-2.63127	1	1 RP11-168O22.1	-
ENSG00000236745	5.13E-15	-2.63127	1	1 YRDGP2	-
ENSG00000236747	5.13E-15	-2.63127	1	1 RP11-157D23.1	-
ENSG00000236748	5.13E-15	-2.63127	1	1 AC009500.2	K02940
ENSG00000236750	5.13E-15	-2.63127	1	1 AC009237.16	-
ENSG00000236757	5.13E-15	-2.63127	1	1 AC007251.2	-
ENSG00000236758	5.13E-15	-2.63127	1	1 MTUS2-AS2	-
ENSG00000236762	5.13E-15	-2.63127	1	1 RP11-159H3.1	K02885
ENSG00000236763	5.13E-15	-2.63127	1	1 TRMT112P4	K15448
ENSG00000236764	5.13E-15	-2.63127	1	1 COX7A2P2	K02270
ENSG00000236768	5.13E-15	-2.63127	1	1 RP11-1029M24.1	K02880
ENSG00000236769	5.13E-15	-2.63127	1	1 RP11-168P8.5	-
ENSG00000236770	5.13E-15	-2.63127	1	1 AC079325.5	K06719
ENSG00000236772	5.13E-15	-2.63127	1	1 RP5-1184F4.5	-
ENSG00000236775	5.13E-15	-2.63127	1	1 RP11-551G24.3	-

ENSG00000236776	5.13E-15	-2.63127	1	1 RPL21P23	K02889
ENSG00000236777	5.13E-15	-2.63127	1	1 RP11-108B14.1	K02905
ENSG00000236779	5.13E-15	-2.63127	1	1 RP11-430C7.2	—
ENSG00000236783	5.13E-15	-2.63127	1	1 RPS15AP27	K02957
ENSG00000236785	5.13E-15	-2.63127	1	1 AC007248.7	—
ENSG00000236786	5.13E-15	-2.63127	1	1 TSPY15P	K11284
ENSG00000236787	5.13E-15	-2.63127	1	1 RP11-592B15.6	K02917
ENSG00000236790	5.13E-15	-2.63127	1	1 LINC00299	—
ENSG00000236791	5.13E-15	-2.63127	1	1 OR2AI1P	K04257
ENSG00000236792	5.13E-15	-2.63127	1	1 RP11-142L4.2	K06174
ENSG00000236794	5.13E-15	-2.63127	1	1 BCRP8	K08878
ENSG00000236795	5.13E-15	-2.63127	1	1 AC006004.1	—
ENSG00000236796	5.13E-15	-2.63127	1	1 RP11-462B18.3	—
ENSG00000236797	5.13E-15	-2.63127	1	1 SPA17P1	—
ENSG00000236799	5.13E-15	-2.63127	1	1 RP11-383C6.2	—
ENSG00000236800	5.13E-15	-2.63127	1	1 RP11-534L6.2	—
ENSG00000236803	5.13E-15	-2.63127	1	1 SDAD1P4	K14856
ENSG00000236806	5.13E-15	-2.63127	1	1 RP11-337C18.7	K02936
ENSG00000236807	5.13E-15	-2.63127	1	1 AC092066.6	—
ENSG00000236809	5.13E-15	-2.63127	1	1 SNX25P1	K17887
ENSG00000236813	5.13E-15	-2.63127	1	1 BTF3P8	K01527
ENSG00000236816	5.13E-15	-2.63127	1	1 ANKRD20A7P	K17299
ENSG00000236817	5.13E-15	-2.63127	1	1 RP11-978I15.10	—
ENSG00000236818	5.13E-15	-2.63127	1	1 ARL5AP2	K07949
ENSG00000236819	5.13E-15	-2.63127	1	1 AC087393.1	—
ENSG00000236822	5.13E-15	-2.63127	1	1 RP11-137J7.2	—
ENSG00000236823	5.13E-15	-2.63127	1	1 RP1-249F5.3	—
ENSG00000236825	5.13E-15	-2.63127	1	1 RP11-211N8.5	K07915
ENSG00000236827	5.13E-15	-2.63127	1	1 LINC00529	—
ENSG00000236828	5.13E-15	-2.63127	1	1 DMD-AS3	—
ENSG00000236831	5.13E-15	-2.63127	1	1 YME1L1P1	K08955
ENSG00000236832	5.13E-15	-2.63127	1	1 AC073465.2	—
ENSG00000236834	5.13E-15	-2.63127	1	1 LINC00421	—
ENSG00000236836	5.13E-15	-2.63127	1	1 PCYT1B-AS1	—
ENSG00000236837	5.13E-15	-2.63127	1	1 AC139712.4	—
ENSG00000236838	5.13E-15	-2.63127	1	1 AC090617.1	—
ENSG00000236839	5.13E-15	-2.63127	1	1 RP11-3P22.1	—
ENSG00000236842	5.13E-15	-2.63127	1	1 RP11-399K21.10	—
ENSG00000236846	5.13E-15	-2.63127	1	1 RP11-239E10.2	—
ENSG00000236847	5.13E-15	-2.63127	1	1 AC018892.3	K12019
ENSG00000236848	5.13E-15	-2.63127	1	1 RP11-401L13.5	K02893
ENSG00000236849	5.13E-15	-2.63127	1	1 RP11-151D14.1	—
ENSG00000236852	5.13E-15	-2.63127	1	1 RP11-3D23.1	K11090
ENSG00000236853	5.13E-15	-2.63127	1	1 OR2R1P	K04257
ENSG00000236854	5.13E-15	-2.63127	1	1 AL121656.5	—
ENSG00000236857	5.13E-15	-2.63127	1	1 RP11-503K16.2	K07836
ENSG00000236858	5.13E-15	-2.63127	1	1 CTA-992D9.6	—
ENSG00000236860	5.13E-15	-2.63127	1	1 RPL39P29	K02924
ENSG00000236862	5.13E-15	-2.63127	1	1 RPS20P24	K02969
ENSG00000236863	5.13E-15	-2.63127	1	1 RPL23AP23	—
ENSG00000236864	5.13E-15	-2.63127	1	1 RP11-44H4.1	—
ENSG00000236870	5.13E-15	-2.63127	1	1 RP1-223D17.1	K11599
ENSG00000236872	5.13E-15	-2.63127	1	1 RP11-291L19.1	K03767
ENSG00000236874	5.13E-15	-2.63127	1	1 RP1-66N13.1	—
ENSG00000236875	5.13E-15	-2.63127	1	1 DDX11L5	K11273
ENSG00000236877	5.13E-15	-2.63127	1	1 RP11-443K8.2	K05302
ENSG00000236878	5.13E-15	-2.63127	1	1 AC012363.7	K02126
ENSG00000236880	5.13E-15	-2.63127	1	1 RP3-384D21.2	K02976

ENSG00000236883	5.13E-15	-2.63127	1	1 AP001615.9	-
ENSG00000236885	5.13E-15	-2.63127	1	1 AC018731.3	-
ENSG00000236886	5.13E-15	-2.63127	1	1 AC007563.5	-
ENSG00000236887	5.13E-15	-2.63127	1	1 RP11-389O22.5	K02958
ENSG00000236888	5.13E-15	-2.63127	1	1 RPS20P5	K02969
ENSG00000236889	5.13E-15	-2.63127	1	1 RP11-38J22.1	-
ENSG00000236890	5.13E-15	-2.63127	1	1 XXbac-B476C20.11	-
ENSG00000236893	5.13E-15	-2.63127	1	1 ASS1P7	K01940
ENSG00000236894	5.13E-15	-2.63127	1	1 RP11-128B16.3	-
ENSG00000236897	5.13E-15	-2.63127	1	1 AC113331.9	-
ENSG00000236900	5.13E-15	-2.63127	1	1 TIMM9P1	K17777
ENSG00000236907	5.13E-15	-2.63127	1	1 RP11-548K12.3	-
ENSG00000236908	5.13E-15	-2.63127	1	1 RP5-1063M23.2	-
ENSG00000236909	5.13E-15	-2.63127	1	1 OR2P1P	K04257
ENSG00000236911	5.13E-15	-2.63127	1	1 RP11-78B10.2	-
ENSG00000236913	5.13E-15	-2.63127	1	1 AC025750.5	K02953
ENSG00000236914	5.13E-15	-2.63127	1	1 RP11-1008C21.2	-
ENSG00000236915	5.13E-15	-2.63127	1	1 RP4-651E10.4	-
ENSG00000236917	5.13E-15	-2.63127	1	1 DNAJA1P2	K09502
ENSG00000236919	5.13E-15	-2.63127	1	1 RP11-347H15.6	K00871
ENSG00000236920	5.13E-15	-2.63127	1	1 RP11-111D3.2	-
ENSG00000236922	5.13E-15	-2.63127	1	1 AC092661.1	-
ENSG00000236928	5.13E-15	-2.63127	1	1 RP11-792A8.1	K03687
ENSG00000236929	5.13E-15	-2.63127	1	1 RP11-699A7.1	K02917
ENSG00000236930	5.13E-15	-2.63127	1	1 RP11-852E15.1	K00237
ENSG00000236931	5.13E-15	-2.63127	1	1 BX664608.1	K03094
ENSG00000236936	5.13E-15	-2.63127	1	1 RP3-329E20.2	-
ENSG00000236938	5.13E-15	-2.63127	1	1 AC003092.2	-
ENSG00000236939	5.13E-15	-2.63127	1	1 C8orf56	-
ENSG00000236940	5.13E-15	-2.63127	1	1 RP11-98D18.7	-
ENSG00000236941	5.13E-15	-2.63127	1	1 RP11-366M4.8	K12029
ENSG00000236944	5.13E-15	-2.63127	1	1 CCDC58P2	K16741
ENSG00000236946	5.13E-15	-2.63127	1	1 HNRNPA1P70	K12741
ENSG00000236948	5.13E-15	-2.63127	1	1 RP11-154H17.1	-
ENSG00000236950	5.13E-15	-2.63127	1	1 RP5-1051D14.1	-
ENSG00000236951	5.13E-15	-2.63127	1	1 AC007359.6	-
ENSG00000236956	5.13E-15	-2.63127	1	1 NF1P8	K08052
ENSG00000236957	5.13E-15	-2.63127	1	1 RP11-451O13.1	K13912
ENSG00000236958	5.13E-15	-2.63127	1	1 RP11-264A11.1	-
ENSG00000236959	5.13E-15	-2.63127	1	1 SULT1D1P	K01016
ENSG00000236960	5.13E-15	-2.63127	1	1 RP11-265G8.3	K05853
ENSG00000236961	5.13E-15	-2.63127	1	1 RP1-261G23.5	-
ENSG00000236963	5.13E-15	-2.63127	1	1 LINC01141	-
ENSG00000236965	5.13E-15	-2.63127	1	1 OR52N3P	K04257
ENSG00000236966	5.13E-15	-2.63127	1	1 RP11-216M21.4	-
ENSG00000236968	5.13E-15	-2.63127	1	1 RP11-298E9.5	-
ENSG00000236972	5.13E-15	-2.63127	1	1 FABP5P1	K08754
ENSG00000236973	5.13E-15	-2.63127	1	1 GAPDHP51	K00134
ENSG00000236976	5.13E-15	-2.63127	1	1 RP11-165H4.2	K02934
ENSG00000236978	5.13E-15	-2.63127	1	1 RP11-575M4.1	-
ENSG00000236980	5.13E-15	-2.63127	1	1 C3orf84	-
ENSG00000236981	5.13E-15	-2.63127	1	1 OR10G9	K04257
ENSG00000236982	5.13E-15	-2.63127	1	1 RP13-100A9.2	K16750
ENSG00000236983	5.13E-15	-2.63127	1	1 LINC00614	-
ENSG00000236984	5.13E-15	-2.63127	1	1 XXbac-B33L19.10	-
ENSG00000236985	5.13E-15	-2.63127	1	1 RP5-1195D24.1	-
ENSG00000236987	5.13E-15	-2.63127	1	1 NDUFA5P8	K03949
ENSG00000236988	5.13E-15	-2.63127	1	1 RP11-402K9.1	K17616

ENSG00000236989	5.13E-15	-2.63127	1	1 AC142119.1	-
ENSG00000236990	5.13E-15	-2.63127	1	1 RP11-433J20.1	-
ENSG00000236993	5.13E-15	-2.63127	1	1 GAPDHP21	K00134
ENSG00000236994	5.13E-15	-2.63127	1	1 YBX1P9	-
ENSG00000236996	5.13E-15	-2.63127	1	1 MLIP-IT1	-
ENSG00000236999	5.13E-15	-2.63127	1	1 ATP2B2-IT1	-
ENSG00000237000	5.13E-15	-2.63127	1	1 PTMAP6	-
ENSG00000237001	5.13E-15	-2.63127	1	1 WASF3-AS1	-
ENSG00000237002	5.13E-15	-2.63127	1	1 SNORA40	-
ENSG00000237003	5.13E-15	-2.63127	1	1 RP4-612C19.1	K02929
ENSG00000237005	5.13E-15	-2.63127	1	1 HIGD1AP15	-
ENSG00000237007	5.13E-15	-2.63127	1	1 KRT18P52	K07604
ENSG00000237008	5.13E-15	-2.63127	1	1 AL591704.5	K12387
ENSG00000237009	5.13E-15	-2.63127	1	1 GLIS3-AS1	-
ENSG00000237011	5.13E-15	-2.63127	1	1 RP11-98G13.1	-
ENSG00000237013	5.13E-15	-2.63127	1	1 AC010987.6	-
ENSG00000237014	5.13E-15	-2.63127	1	1 AC004074.4	-
ENSG00000237016	5.13E-15	-2.63127	1	1 AC013410.1	K04079
ENSG00000237017	5.13E-15	-2.63127	1	1 AC012314.8	-
ENSG00000237019	5.13E-15	-2.63127	1	1 GS1-433O24.1	-
ENSG00000237020	5.13E-15	-2.63127	1	1 IGHD1-20	-
ENSG00000237023	5.13E-15	-2.63127	1	1 USP9YP3	K11840
ENSG00000237024	5.13E-15	-2.63127	1	1 AC010733.7	K02889
ENSG00000237025	5.13E-15	-2.63127	1	1 RP1-315G1.1	K06093
ENSG00000237026	5.13E-15	-2.63127	1	1 RP11-328P23.2	-
ENSG00000237027	5.13E-15	-2.63127	1	1 RP11-16C18.3	-
ENSG00000237031	5.13E-15	-2.63127	1	1 AC008067.2	-
ENSG00000237032	5.13E-15	-2.63127	1	1 RP11-398C13.2	K02998
ENSG00000237033	5.13E-15	-2.63127	1	1 CASP3P1	K02187
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ENSG00000237039	5.13E-15	-2.63127	1	1 AC018738.2	K02979
ENSG00000237040	5.13E-15	-2.63127	1	1 DPH3P2	-
ENSG00000237041	5.13E-15	-2.63127	1	1 AC007679.4	K02901
ENSG00000237042	5.13E-15	-2.63127	1	1 MICG	K07985
ENSG00000237048	5.13E-15	-2.63127	1	1 TTTY12	-
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ENSG00000237053	5.13E-15	-2.63127	1	1 FUCA1P1	K01206
ENSG00000237055	5.13E-15	-2.63127	1	1 AC097374.3	K02256
ENSG00000237057	5.13E-15	-2.63127	1	1 AC015922.6	-
ENSG00000237058	5.13E-15	-2.63127	1	1 RP13-436F16.1	-
ENSG00000237062	5.13E-15	-2.63127	1	1 RP11-308N19.3	-
ENSG00000237063	5.13E-15	-2.63127	1	1 RP4-550H1.5	-
ENSG00000237064	5.13E-15	-2.63127	1	1 EIF3IP1	K03246
ENSG00000237065	5.13E-15	-2.63127	1	1 NANOGP4	K10164
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ENSG00000237069	5.13E-15	-2.63127	1	1 TTTY23B	-
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ENSG00000237072	5.13E-15	-2.63127	1	1 RP11-232A1.2	-
ENSG00000237073	5.13E-15	-2.63127	1	1 RP11-168K11.2	-
ENSG00000237075	5.13E-15	-2.63127	1	1 RP11-497H16.2	-
ENSG00000237076	5.13E-15	-2.63127	1	1 RP5-836J3.1	-
ENSG00000237077	5.13E-15	-2.63127	1	1 AC105399.2	K02923
ENSG00000237078	5.13E-15	-2.63127	1	1 AC007272.1	-
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ENSG00000237085	5.13E-15	-2.63127	1	1 AC127391.3	-
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ENSG00000237092	5.13E-15	-2.63127	1	1 LINC01065	-
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ENSG00000237096	5.13E-15	-2.63127	1	1 RP4-782G3.1	-
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ENSG00000237102	5.13E-15	-2.63127	1	1 AC040160.1	K10275
ENSG00000237104	5.13E-15	-2.63127	1	1 AC018890.4	-
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ENSG00000237109	5.13E-15	-2.63127	1	1 RPL21P111	K02889
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ENSG00000237111	5.13E-15	-2.63127	1	1 IGHJ3P	-
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ENSG00000237121	5.13E-15	-2.63127	1	1 PIEZO1P2	-
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ENSG00000237124	5.13E-15	-2.63127	1	1 MTND2P11	-
ENSG00000237125	5.13E-15	-2.63127	1	1 HAND2-AS1	-
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ENSG00000237128	5.13E-15	-2.63127	1	1 RP11-351M16.3	-
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ENSG00000237131	5.13E-15	-2.63127	1	1 RP1-69E11.3	K03948
ENSG00000237132	5.13E-15	-2.63127	1	1 VN2R6P	-
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ENSG00000237137	5.13E-15	-2.63127	1	1 RP11-408A13.2	-
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ENSG00000237148	5.13E-15	-2.63127	1	1 HIGD1AP2	-
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ENSG00000237159	5.13E-15	-2.63127	1	1 CNTFR-AS1	-
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ENSG00000237163	5.13E-15	-2.63127	1	1 RP4-771M4.2	-
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ENSG00000237167	5.13E-15	-2.63127	1	1 AC128709.2	-
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ENSG00000237169	5.13E-15	-2.63127	1	1 RP11-452K12.3	K02870
ENSG00000237170	5.13E-15	-2.63127	1	1 RPS7P15	K02993
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ENSG00000237183	5.13E-15	-2.63127	1	1 KRTAP9-10P	-
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ENSG00000237224	5.13E-15	-2.63127	1	1 RP11-109A6.2	-
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ENSG00000237227	5.13E-15	-2.63127	1	1 RP5-1155K23.4	K02920
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ENSG00000237242	5.13E-15	-2.63127	1	1 BTF3P15	-
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ENSG00000237249	5.13E-15	-2.63127	1	1 RP1-102G20.2	-
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ENSG00000237257	5.13E-15	-2.63127	1	1 MTND2P8	-
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ENSG00000237262	5.13E-15	-2.63127	1	1 AC068492.1	-
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ENSG00000237267	5.13E-15	-2.63127	1	1 RP11-181F12.1	-
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ENSG00000237272	5.13E-15	-2.63127	1	1 OR51R1P	K04257
ENSG00000237273	5.13E-15	-2.63127	1	1 RSL24D1P8	K02896
ENSG00000237274	5.13E-15	-2.63127	1	1 RP11-575C20.1	K09191
ENSG00000237275	5.13E-15	-2.63127	1	1 RP11-552J9.11	-
ENSG00000237278	5.13E-15	-2.63127	1	1 RLIMP2	-
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ENSG00000237282	5.13E-15	-2.63127	1	1 LINC00851	-
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ENSG00000237286	5.13E-15	-2.63127	1	1 AC004906.3	-
ENSG00000237290	5.13E-15	-2.63127	1	1 RP11-214L19.1	-
ENSG00000237293	5.13E-15	-2.63127	1	1 AC007099.2	-
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ENSG00000237297	5.13E-15	-2.63127	1	1 RP11-631M21.6	-

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ENSG00000237300	5.13E-15	-2.63127	1	1 RP11-522L3.3	-
ENSG00000237302	5.13E-15	-2.63127	1	1 OFD1P11Y	K16480
ENSG00000237303	5.13E-15	-2.63127	1	1 HIGD1AP8	-
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ENSG00000237307	5.13E-15	-2.63127	1	1 SRRM1P3	K13171
ENSG00000237308	5.13E-15	-2.63127	1	1 AC009237.5	K12019
ENSG00000237309	5.13E-15	-2.63127	1	1 MTND2P6	-
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ENSG00000237312	5.13E-15	-2.63127	1	1 RP11-475C16.2	-
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ENSG00000237316	5.13E-15	-2.63127	1	1 RP1-288L1.4	-
ENSG00000237317	5.13E-15	-2.63127	1	1 RP4-809F4.1	-
ENSG00000237319	5.13E-15	-2.63127	1	1 RP1-136J15.1	-
ENSG00000237320	5.13E-15	-2.63127	1	1 AC019064.1	-
ENSG00000237321	5.13E-15	-2.63127	1	1 RP11-374A22.1	-
ENSG00000237322	5.13E-15	-2.63127	1	1 RPL7L1P10	-
ENSG00000237323	5.13E-15	-2.63127	1	1 AC009892.9	K06725
ENSG00000237324	5.13E-15	-2.63127	1	1 RP11-439H8.4	-
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ENSG00000237326	5.13E-15	-2.63127	1	1 AC113608.1	-
ENSG00000237327	5.13E-15	-2.63127	1	1 UPP2-IT1	-
ENSG00000237329	5.13E-15	-2.63127	1	1 RP11-201O14.1	K18532
ENSG00000237332	5.13E-15	-2.63127	1	1 RP5-878I13.1	K07374
ENSG00000237336	5.13E-15	-2.63127	1	1 RP11-230L22.4	-
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ENSG00000237338	5.13E-15	-2.63127	1	1 FTCD-AS1	-
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ENSG00000237341	5.13E-15	-2.63127	1	1 SYP-AS1	-
ENSG00000237342	5.13E-15	-2.63127	1	1 AL132796.1	-
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ENSG00000237345	5.13E-15	-2.63127	1	1 RP11-344N17.11	K00819
ENSG00000237346	5.13E-15	-2.63127	1	1 RP3-448I9.2	-
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ENSG00000237349	5.13E-15	-2.63127	1	1 RP5-1065J22.2	K03959
ENSG00000237351	5.13E-15	-2.63127	1	1 CTD-2522E6.4	K00913
ENSG00000237352	5.13E-15	-2.63127	1	1 RP11-145M4.3	-
ENSG00000237353	5.13E-15	-2.63127	1	1 PATE4	-
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ENSG00000237357	5.13E-15	-2.63127	1	1 RP11-475I24.3	-
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ENSG00000237359	5.13E-15	-2.63127	1	1 RP11-509J21.2	-
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ENSG00000237363	5.13E-15	-2.63127	1	1 AP006288.1	-
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ENSG00000237370	5.13E-15	-2.63127	1	1 AC010907.2	-
ENSG00000237372	5.13E-15	-2.63127	1	1 RP11-316P17.2	-
ENSG00000237373	5.13E-15	-2.63127	1	1 BRWD1-IT1	-
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ENSG00000237378	5.13E-15	-2.63127	1	1 RP11-473M10.3	-
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ENSG00000237385	5.13E-15	-2.63127	1	1 RP11-165J3.5	-
ENSG00000237387	5.13E-15	-2.63127	1	1 CTA-407F11.7	-
ENSG00000237388	5.13E-15	-2.63127	1	1 OR4A47	K04257
ENSG00000237389	5.13E-15	-2.63127	1	1 RP11-402L1.4	-
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ENSG00000237396	5.13E-15	-2.63127	1	1 RP4-788L20.3	-
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ENSG00000237402	5.13E-15	-2.63127	1	1 CAMTA1-IT1	-
ENSG00000237406	5.13E-15	-2.63127	1	1 NDUFA9P1	K03953
ENSG00000237407	5.13E-15	-2.63127	1	1 KB-1183D5.14	-
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ENSG00000237409	5.13E-15	-2.63127	1	1 RP11-226L15.1	K02900
ENSG00000237410	5.13E-15	-2.63127	1	1 AP001092.4	-
ENSG00000237413	5.13E-15	-2.63127	1	1 RP11-183M13.1	-
ENSG00000237414	5.13E-15	-2.63127	1	1 RP11-321L2.2	-
ENSG00000237415	5.13E-15	-2.63127	1	1 NRBF2P3	-
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ENSG00000237419	5.13E-15	-2.63127	1	1 RP11-885N19.6	-
ENSG00000237422	5.13E-15	-2.63127	1	1 RP11-305L7.3	-
ENSG00000237423	5.13E-15	-2.63127	1	1 RP11-347D21.3	-
ENSG00000237425	5.13E-15	-2.63127	1	1 RPSAP2	K02998
ENSG00000237426	5.13E-15	-2.63127	1	1 ZIK1P1	K09228
ENSG00000237427	5.13E-15	-2.63127	1	1 TOMM22P1	K17769
ENSG00000237428	5.13E-15	-2.63127	1	1 LL22NC03-22A12.9	K14964
ENSG00000237429	5.13E-15	-2.63127	1	1 RP1-159A19.4	-
ENSG00000237432	5.13E-15	-2.63127	1	1 RPS7P12	K02993
ENSG00000237433	5.13E-15	-2.63127	1	1 AC097639.8	K02998
ENSG00000237434	5.13E-15	-2.63127	1	1 RP11-15P13.1	K13129
ENSG00000237435	5.13E-15	-2.63127	1	1 RP11-147C23.1	-
ENSG00000237439	5.13E-15	-2.63127	1	1 RP1-127L4.10	-
ENSG00000237440	5.13E-15	-2.63127	1	1 ZNF737	K09228
ENSG00000237441	5.13E-15	-2.63127	1	1 RGL2	K17636
ENSG00000237442	5.13E-15	-2.63127	1	1 HNRNPA1P57	K12741
ENSG00000237443	5.13E-15	-2.63127	1	1 OR13D2P	K04257
ENSG00000237444	5.13E-15	-2.63127	1	1 AP001342.1	-
ENSG00000237445	5.13E-15	-2.63127	1	1 CTA-520D8.2	-
ENSG00000237446	5.13E-15	-2.63127	1	1 RHEBP3	-
ENSG00000237447	5.13E-15	-2.63127	1	1 CDC27P2	K03350
ENSG00000237449	5.13E-15	-2.63127	1	1 TAAR4P	K05051
ENSG00000237450	5.13E-15	-2.63127	1	1 RP11-671J11.1	K02893
ENSG00000237451	5.13E-15	-2.63127	1	1 CDK2AP2P2	-
ENSG00000237453	5.13E-15	-2.63127	1	1 RP11-67L3.2	-
ENSG00000237456	5.13E-15	-2.63127	1	1 RP11-154D3.1	K17693
ENSG00000237458	5.13E-15	-2.63127	1	1 TUBB4BP3	K07375
ENSG00000237460	5.13E-15	-2.63127	1	1 RP11-233E12.1	-
ENSG00000237461	5.13E-15	-2.63127	1	1 RP11-554F20.1	-
ENSG00000237463	5.13E-15	-2.63127	1	1 RP11-280O1.2	-
ENSG00000237464	5.13E-15	-2.63127	1	1 RP3-461P17.9	-
ENSG00000237466	5.13E-15	-2.63127	1	1 RP4-736H5.2	-
ENSG00000237467	5.13E-15	-2.63127	1	1 USP9YP35	-
ENSG00000237468	5.13E-15	-2.63127	1	1 RP11-715G15.1	-
ENSG00000237469	5.13E-15	-2.63127	1	1 TUBB8P10	K07375
ENSG00000237470	5.13E-15	-2.63127	1	1 DCLRE1CP1	K10887
ENSG00000237472	5.13E-15	-2.63127	1	1 AP000361.2	K02131
ENSG00000237473	5.13E-15	-2.63127	1	1 RP11-324C10.1	-
ENSG00000237474	5.13E-15	-2.63127	1	1 AC233263.2	K17985
ENSG00000237475	5.13E-15	-2.63127	1	1 RPL7P53	K02937
ENSG00000237476	5.13E-15	-2.63127	1	1 XXbac-B135H6.15	-
ENSG00000237477	5.13E-15	-2.63127	1	1 AC093911.1	-
ENSG00000237478	5.13E-15	-2.63127	1	1 RP5-926E3.1	-

ENSG00000237479	5.13E-15	-2.63127	1	1 AC007557.2	--
ENSG00000237480	5.13E-15	-2.63127	1	1 RP5-947P14.1	--
ENSG00000237481	5.13E-15	-2.63127	1	1 RP4-803J11.2	--
ENSG00000237484	5.13E-15	-2.63127	1	1 AP000476.1	--
ENSG00000237485	5.13E-15	-2.63127	1	1 SGOL1-AS1	--
ENSG00000237487	5.13E-15	-2.63127	1	1 VN1R48P	--
ENSG00000237490	5.13E-15	-2.63127	1	1 RP13-926M18.1	K02977
ENSG00000237492	5.13E-15	-2.63127	1	1 OR2L9P	K04257
ENSG00000237494	5.13E-15	-2.63127	1	1 RP11-753B14.1	--
ENSG00000237498	5.13E-15	-2.63127	1	1 AC010105.1	--
ENSG00000237500	5.13E-15	-2.63127	1	1 RP11-526P5.1	--
ENSG00000237501	5.13E-15	-2.63127	1	1 RP11-816B4.1	K14618
ENSG00000237502	5.13E-15	-2.63127	1	1 RP1-12G14.6	--
ENSG00000237503	5.13E-15	-2.63127	1	1 RP5-998N21.3	K06689
ENSG00000237510	5.13E-15	-2.63127	1	1 AC008268.2	K00629
ENSG00000237513	5.13E-15	-2.63127	1	1 RP11-325F22.2	--
ENSG00000237514	5.13E-15	-2.63127	1	1 PTP4A1P7	K18041
ENSG00000237515	5.13E-15	-2.63127	1	1 SHISA9	K12581
ENSG00000237520	5.13E-15	-2.63127	1	1 RP11-443B7.2	--
ENSG00000237521	5.13E-15	-2.63127	1	1 OR7E24	K04257
ENSG00000237524	5.13E-15	-2.63127	1	1 AC114783.1	--
ENSG00000237525	5.13E-15	-2.63127	1	1 AC012668.2	--
ENSG00000237527	5.13E-15	-2.63127	1	1 AF241725.6	--
ENSG00000237528	5.13E-15	-2.63127	1	1 RP11-234P3.4	K00419
ENSG00000237529	5.13E-15	-2.63127	1	1 RP11-439K3.3	--
ENSG00000237530	5.13E-15	-2.63127	1	1 RP3-449H6.1	--
ENSG00000237531	5.13E-15	-2.63127	1	1 RP11-309M23.1	--
ENSG00000237532	5.13E-15	-2.63127	1	1 AC012451.1	--
ENSG00000237533	5.13E-15	-2.63127	1	1 PFN1P6	K05759
ENSG00000237534	5.13E-15	-2.63127	1	1 LINC00383	--
ENSG00000237539	5.13E-15	-2.63127	1	1 GS1-594A7.5	K01672
ENSG00000237540	5.13E-15	-2.63127	1	1 RP11-730A19.7	K02929
ENSG00000237541	5.13E-15	-2.63127	1	1 HLA-DQA2	K06752
ENSG00000237542	5.13E-15	-2.63127	1	1 AC009960.5	--
ENSG00000237546	5.13E-15	-2.63127	1	1 XKRYP6	--
ENSG00000237547	5.13E-15	-2.63127	1	1 IGHJ2P	--
ENSG00000237549	5.13E-15	-2.63127	1	1 AC092570.3	K02991
ENSG00000237552	5.13E-15	-2.63127	1	1 RP11-415A20.1	--
ENSG00000237553	5.13E-15	-2.63127	1	1 RP11-140C18.2	K05255
ENSG00000237555	5.13E-15	-2.63127	1	1 RP5-862K6.4	--
ENSG00000237556	5.13E-15	-2.63127	1	1 KCND3-AS1	--
ENSG00000237557	5.13E-15	-2.63127	1	1 RP13-198D9.3	K16197
ENSG00000237558	5.13E-15	-2.63127	1	1 CDY7P	K00653
ENSG00000237560	5.13E-15	-2.63127	1	1 AC004562.1	--
ENSG00000237563	5.13E-15	-2.63127	1	1 TTTY21B	--
ENSG00000237565	5.13E-15	-2.63127	1	1 SSU72P5	K15544
ENSG00000237566	5.13E-15	-2.63127	1	1 AC090955.5	--
ENSG00000237568	5.13E-15	-2.63127	1	1 RP4-620F22.2	--
ENSG00000237569	5.13E-15	-2.63127	1	1 TUBAP	K07374
ENSG00000237571	5.13E-15	-2.63127	1	1 AC073284.4	--
ENSG00000237572	5.13E-15	-2.63127	1	1 RP11-373D7.1	K11141
ENSG00000237574	5.13E-15	-2.63127	1	1 AC079776.3	--
ENSG00000237576	5.13E-15	-2.63127	1	1 AC097495.2	--
ENSG00000237578	5.13E-15	-2.63127	1	1 RP11-174M13.1	--
ENSG00000237579	5.13E-15	-2.63127	1	1 RP11-324L3.1	--
ENSG00000237580	5.13E-15	-2.63127	1	1 GCSHP3	K02437
ENSG00000237581	5.13E-15	-2.63127	1	1 AC005538.5	--
ENSG00000237583	5.13E-15	-2.63127	1	1 AC093166.1	K02915

ENSG00000237584	5.13E-15	-2.63127	1	1 RAC1P4	K04392
ENSG00000237585	5.13E-15	-2.63127	1	1 LINC00407	—
ENSG00000237586	5.13E-15	-2.63127	1	1 RP11-383J24.2	K16796
ENSG00000237587	5.13E-15	-2.63127	1	1 RP11-327I22.4	—
ENSG00000237589	5.13E-15	-2.63127	1	1 HMGN1P32	K11299
ENSG00000237590	5.13E-15	-2.63127	1	1 RP11-20J15.2	—
ENSG00000237592	5.13E-15	-2.63127	1	1 IGKV1OR10-1	—
ENSG00000237593	5.13E-15	-2.63127	1	1 RP11-317B3.2	K02880
ENSG00000237594	5.13E-15	-2.63127	1	1 AP000251.3	—
ENSG00000237597	5.13E-15	-2.63127	1	1 GAGE13	—
ENSG00000237601	5.13E-15	-2.63127	1	1 AP000358.5	K15522
ENSG00000237603	5.13E-15	-2.63127	1	1 HMGB3P12	K11296
ENSG00000237604	5.13E-15	-2.63127	1	1 AP001056.1	—
ENSG00000237605	5.13E-15	-2.63127	1	1 RP11-343H5.6	—
ENSG00000237606	5.13E-15	-2.63127	1	1 RP11-203P23.2	—
ENSG00000237610	5.13E-15	-2.63127	1	1 OR4C50P	K04257
ENSG00000237612	5.13E-15	-2.63127	1	1 AP002856.7	—
ENSG00000237613	5.13E-15	-2.63127	1	1 FAM138A	—
ENSG00000237614	5.13E-15	-2.63127	1	1 AC073257.2	—
ENSG00000237616	5.13E-15	-2.63127	1	1 USP9YP32	—
ENSG00000237617	5.13E-15	-2.63127	1	1 AC013410.2	—
ENSG00000237618	5.13E-15	-2.63127	1	1 BTBD7P2	K10479
ENSG00000237619	5.13E-15	-2.63127	1	1 OR3B1P	K04257
ENSG00000237620	5.13E-15	-2.63127	1	1 GCNT1P5	K00727
ENSG00000237621	5.13E-15	-2.63127	1	1 OR9A1P	K04257
ENSG00000237622	5.13E-15	-2.63127	1	1 TCEB1P18	K03872
ENSG00000237623	5.13E-15	-2.63127	1	1 RP11-571E6.1	K16607
ENSG00000237625	5.13E-15	-2.63127	1	1 RP11-144A16.2	—
ENSG00000237626	5.13E-15	-2.63127	1	1 RP11-406A20.1	—
ENSG00000237628	5.13E-15	-2.63127	1	1 RP11-522L3.4	—
ENSG00000237629	5.13E-15	-2.63127	1	1 UQCRHP2	K00416
ENSG00000237630	5.13E-15	-2.63127	1	1 NIFKP9	K14838
ENSG00000237631	5.13E-15	-2.63127	1	1 RP11-72B4.2	K05687
ENSG00000237632	5.13E-15	-2.63127	1	1 S100A11P1	—
ENSG00000237633	5.13E-15	-2.63127	1	1 AC104623.2	—
ENSG00000237635	5.13E-15	-2.63127	1	1 XX-2136C48.8	—
ENSG00000237636	5.13E-15	-2.63127	1	1 ANKRD26P3	—
ENSG00000237637	5.13E-15	-2.63127	1	1 FRY-AS1	—
ENSG00000237638	5.13E-15	-2.63127	1	1 AC007386.2	—
ENSG00000237639	5.13E-15	-2.63127	1	1 RP11-368M16.5	—
ENSG00000237640	5.13E-15	-2.63127	1	1 RP4-604G5.1	—
ENSG00000237642	5.13E-15	-2.63127	1	1 HMGB3P5	K11296
ENSG00000237643	5.13E-15	-2.63127	1	1 RP11-462G2.1	—
ENSG00000237645	5.13E-15	-2.63127	1	1 RP11-521A24.1	—
ENSG00000237646	5.13E-15	-2.63127	1	1 HLCS-IT1	—
ENSG00000237647	5.13E-15	-2.63127	1	1 ERICH1-AS1	—
ENSG00000237650	5.13E-15	-2.63127	1	1 OR11Q1P	K04257
ENSG00000237653	5.13E-15	-2.63127	1	1 RP11-655G22.2	K10136
ENSG00000237654	5.13E-15	-2.63127	1	1 AP003025.2	—
ENSG00000237655	5.13E-15	-2.63127	1	1 AC073834.3	—
ENSG00000237658	5.13E-15	-2.63127	1	1 RP5-968D22.3	—
ENSG00000237659	5.13E-15	-2.63127	1	1 RNASEH2CP1	K10745
ENSG00000237661	5.13E-15	-2.63127	1	1 RP11-169L17.5	—
ENSG00000237662	5.13E-15	-2.63127	1	1 SOCS2P1	K04695
ENSG00000237665	5.13E-15	-2.63127	1	1 GRM7-AS2	—
ENSG00000237666	5.13E-15	-2.63127	1	1 AC108868.3	K03348
ENSG00000237667	5.13E-15	-2.63127	1	1 LINC01115	—
ENSG00000237670	5.13E-15	-2.63127	1	1 AC080094.1	—

ENSG00000237671	5.13E-15	-2.63127	1	1 GAGE12C	-
ENSG00000237672	5.13E-15	-2.63127	1	1 KRR1P1	K06961
ENSG00000237674	5.13E-15	-2.63127	1	1 GSTA7P	K00799
ENSG00000237675	5.13E-15	-2.63127	1	1 TEX36-AS1	-
ENSG00000237676	5.13E-15	-2.63127	1	1 RPL30P4	K02908
ENSG00000237677	5.13E-15	-2.63127	1	1 AC113612.2	-
ENSG00000237679	5.13E-15	-2.63127	1	1 VDAC1P11	K05862
ENSG00000237682	5.13E-15	-2.63127	1	1 RP3-514P16.1	K06069
ENSG00000237684	5.13E-15	-2.63127	1	1 RPSAP35	K02998
ENSG00000237687	5.13E-15	-2.63127	1	1 LINC00686	-
ENSG00000237693	5.13E-15	-2.63127	1	1 IRGM	K14139
ENSG00000237697	5.13E-15	-2.63127	1	1 LINC00312	-
ENSG00000237699	5.13E-15	-2.63127	1	1 RP11-199F6.4	-
ENSG00000237700	5.13E-15	-2.63127	1	1 RP11-219C24.6	-
ENSG00000237701	5.13E-15	-2.63127	1	1 ATP5JP1	K02131
ENSG00000237702	5.13E-15	-2.63127	1	1 TRBV3-1	-
ENSG00000237705	5.13E-15	-2.63127	1	1 AC008937.2	-
ENSG00000237706	5.13E-15	-2.63127	1	1 TRIM51EP	K12019
ENSG00000237707	5.13E-15	-2.63127	1	1 RP5-1018K9.1	-
ENSG00000237708	5.13E-15	-2.63127	1	1 RP11-445O16.2	-
ENSG00000237709	5.13E-15	-2.63127	1	1 EEF1A1P28	K03231
ENSG00000237711	5.13E-15	-2.63127	1	1 RP11-39K24.13	-
ENSG00000237713	5.13E-15	-2.63127	1	1 AC006000.5	-
ENSG00000237716	5.13E-15	-2.63127	1	1 RP3-400B16.3	-
ENSG00000237717	5.13E-15	-2.63127	1	1 RP11-402P6.4	K03948
ENSG00000237718	5.13E-15	-2.63127	1	1 AC009095.4	-
ENSG00000237719	5.13E-15	-2.63127	1	1 RP1-179N16.3	K13987
ENSG00000237720	5.13E-15	-2.63127	1	1 AC011995.1	-
ENSG00000237722	5.13E-15	-2.63127	1	1 MTND1P29	K03878
ENSG00000237726	5.13E-15	-2.63127	1	1 RP11-386O9.2	-
ENSG00000237728	5.13E-15	-2.63127	1	1 RP3-453P22.2	-
ENSG00000237730	5.13E-15	-2.63127	1	1 RP11-459A10.1	K02989
ENSG00000237731	5.13E-15	-2.63127	1	1 RNGTHP1	-
ENSG00000237734	5.13E-15	-2.63127	1	1 RP11-298E2.2	-
ENSG00000237735	5.13E-15	-2.63127	1	1 AP000473.6	-
ENSG00000237736	5.13E-15	-2.63127	1	1 U82670.4	-
ENSG00000237738	5.13E-15	-2.63127	1	1 RNF216-IT1	-
ENSG00000237740	5.13E-15	-2.63127	1	1 NPAP1P3	K13506
ENSG00000237741	5.13E-15	-2.63127	1	1 AC002368.4	-
ENSG00000237743	5.13E-15	-2.63127	1	1 XXyac-YM21GA2.6	K03841
ENSG00000237745	5.13E-15	-2.63127	1	1 AC009963.5	K02891
ENSG00000237746	5.13E-15	-2.63127	1	1 ZNF101P1	K09228
ENSG00000237747	5.13E-15	-2.63127	1	1 RP11-65B23.3	K03245
ENSG00000237749	5.13E-15	-2.63127	1	1 RP3-423B22.5	K02978
ENSG00000237750	5.13E-15	-2.63127	1	1 AC007740.1	-
ENSG00000237751	5.13E-15	-2.63127	1	1 LINC01143	-
ENSG00000237752	5.13E-15	-2.63127	1	1 RP13-75G22.1	K05750
ENSG00000237754	5.13E-15	-2.63127	1	1 RP11-521C10.1	-
ENSG00000237756	5.13E-15	-2.63127	1	1 RP11-77M5.1	-
ENSG00000237757	5.13E-15	-2.63127	1	1 EEF1A1P30	K03231
ENSG00000237759	5.13E-15	-2.63127	1	1 RP11-278H7.3	-
ENSG00000237760	5.13E-15	-2.63127	1	1 AC092657.2	-
ENSG00000237761	5.13E-15	-2.63127	1	1 RP11-127O4.2	-
ENSG00000237763	5.13E-15	-2.63127	1	1 AMY1A	K01176
ENSG00000237764	5.13E-15	-2.63127	1	1 RP11-3B12.2	-
ENSG00000237767	5.13E-15	-2.63127	1	1 RP11-101E14.2	-
ENSG00000237770	5.13E-15	-2.63127	1	1 SPATA31D2P	-
ENSG00000237774	5.13E-15	-2.63127	1	1 RP11-129B9.1	K02875

ENSG00000237775	5.13E-15	-2.63127	1	1 DDR1-AS1	-
ENSG00000237782	5.13E-15	-2.63127	1	1 RP1-192P9.1	-
ENSG00000237783	5.13E-15	-2.63127	1	1 RP11-306I1.1	K02981
ENSG00000237784	5.13E-15	-2.63127	1	1 AC097713.5	K02969
ENSG00000237787	5.13E-15	-2.63127	1	1 C3orf79	-
ENSG00000237788	5.13E-15	-2.63127	1	1 RP5-1041C10.3	-
ENSG00000237790	5.13E-15	-2.63127	1	1 AC009499.2	-
ENSG00000237792	5.13E-15	-2.63127	1	1 RP11-203I2.1	-
ENSG00000237793	5.13E-15	-2.63127	1	1 RPL18AP16	K02882
ENSG00000237797	5.13E-15	-2.63127	1	1 RP11-472N13.3	-
ENSG00000237798	5.13E-15	-2.63127	1	1 AC010894.5	-
ENSG00000237799	5.13E-15	-2.63127	1	1 CICP11	K16941
ENSG00000237801	5.13E-15	-2.63127	1	1 AMDP1	K01611
ENSG00000237802	5.13E-15	-2.63127	1	1 FAM197Y6	-
ENSG00000237803	5.13E-15	-2.63127	1	1 LINC00211	-
ENSG00000237804	5.13E-15	-2.63127	1	1 HNRNPA1P39	K12741
ENSG00000237806	5.13E-15	-2.63127	1	1 FAUP2	K02983
ENSG00000237807	5.13E-15	-2.63127	1	1 RP11-400K9.4	-
ENSG00000237810	5.13E-15	-2.63127	1	1 CTD-2571E19.3	K06631
ENSG00000237816	5.13E-15	-2.63127	1	1 RPL21P109	K02889
ENSG00000237818	5.13E-15	-2.63127	1	1 RPS3AP29	K02984
ENSG00000237823	5.13E-15	-2.63127	1	1 CDY19P	K00653
ENSG00000237824	5.13E-15	-2.63127	1	1 AC010747.2	K02893
ENSG00000237831	5.13E-15	-2.63127	1	1 RP11-499O7.4	K04119
ENSG00000237832	5.13E-15	-2.63127	1	1 RP5-974N19.1	-
ENSG00000237833	5.13E-15	-2.63127	1	1 RP11-432N13.2	K02678
ENSG00000237835	5.13E-15	-2.63127	1	1 AC007064.22	K09228
ENSG00000237837	5.13E-15	-2.63127	1	1 AC159540.3	-
ENSG00000237838	5.13E-15	-2.63127	1	1 AC133680.1	-
ENSG00000237841	5.13E-15	-2.63127	1	1 KRTAP19-9P	-
ENSG00000237843	5.13E-15	-2.63127	1	1 AC016903.2	-
ENSG00000237844	5.13E-15	-2.63127	1	1 AC092684.1	-
ENSG00000237845	5.13E-15	-2.63127	1	1 RP5-940F7.2	-
ENSG00000237847	5.13E-15	-2.63127	1	1 FAM231A	-
ENSG00000237849	5.13E-15	-2.63127	1	1 NFYAP1	K08064
ENSG00000237850	5.13E-15	-2.63127	1	1 RP11-483E23.2	K09488
ENSG00000237851	5.13E-15	-2.63127	1	1 RP1-67K17.4	-
ENSG00000237853	5.13E-15	-2.63127	1	1 RP5-833A20.1	-
ENSG00000237854	5.13E-15	-2.63127	1	1 LINC00674	K04678
ENSG00000237856	5.13E-15	-2.63127	1	1 AC062020.2	-
ENSG00000237859	5.13E-15	-2.63127	1	1 EEF1A1P31	K03231
ENSG00000237860	5.13E-15	-2.63127	1	1 RP11-232D9.4	K05038
ENSG00000237861	5.13E-15	-2.63127	1	1 RP11-332L8.1	K19514
ENSG00000237863	5.13E-15	-2.63127	1	1 RP6-24A23.3	-
ENSG00000237869	5.13E-15	-2.63127	1	1 RP11-459O16.1	K13676
ENSG00000237872	5.13E-15	-2.63127	1	1 POU5F1P4	K09367
ENSG00000237873	5.13E-15	-2.63127	1	1 RP11-156J23.1	K16804
ENSG00000237874	5.13E-15	-2.63127	1	1 RP3-393K13.1	-
ENSG00000237875	5.13E-15	-2.63127	1	1 RP5-1174J21.1	K02984
ENSG00000237876	5.13E-15	-2.63127	1	1 AKR1B1P4	K00011
ENSG00000237879	5.13E-15	-2.63127	1	1 LINC00398	-
ENSG00000237880	5.13E-15	-2.63127	1	1 AC096669.2	-
ENSG00000237882	5.13E-15	-2.63127	1	1 PPIAP13	K03767
ENSG00000237885	5.13E-15	-2.63127	1	1 RP11-208C17.4	-
ENSG00000237888	5.13E-15	-2.63127	1	1 AC087650.1	K02905
ENSG00000237891	5.13E-15	-2.63127	1	1 RP11-417D4.1	K10704
ENSG00000237892	5.13E-15	-2.63127	1	1 KLF7-IT1	-
ENSG00000237896	5.13E-15	-2.63127	1	1 AC005008.2	-

ENSG00000237897	5.13E-15	-2.63127	1	1 RP11-90H3.2	K13213
ENSG00000237901	5.13E-15	-2.63127	1	1 AC009161.1	-
ENSG00000237902	5.13E-15	-2.63127	1	1 TSPY21P	-
ENSG00000237904	5.13E-15	-2.63127	1	1 RP11-460E7.9	K12019
ENSG00000237906	5.13E-15	-2.63127	1	1 MUPP	-
ENSG00000237907	5.13E-15	-2.63127	1	1 RP5-1013A22.2	-
ENSG00000237910	5.13E-15	-2.63127	1	1 AC073869.7	K02256
ENSG00000237911	5.13E-15	-2.63127	1	1 SRP68P3	K03107
ENSG00000237913	5.13E-15	-2.63127	1	1 FTLP19	K13625
ENSG00000237914	5.13E-15	-2.63127	1	1 RP11-77C3.3	-
ENSG00000237917	5.13E-15	-2.63127	1	1 PARP4P1	K10798
ENSG00000237919	5.13E-15	-2.63127	1	1 RP11-181B18.1	-
ENSG00000237920	5.13E-15	-2.63127	1	1 RP11-350G8.4	K17411
ENSG00000237921	5.13E-15	-2.63127	1	1 AC004543.2	-
ENSG00000237922	5.13E-15	-2.63127	1	1 RP11-478H16.1	K09570
ENSG00000237924	5.13E-15	-2.63127	1	1 RPL21P112	K02889
ENSG00000237926	5.13E-15	-2.63127	1	1 RP13-346H10.2	-
ENSG00000237929	5.13E-15	-2.63127	1	1 RPL31P3	K02910
ENSG00000237930	5.13E-15	-2.63127	1	1 AC007563.4	K02910
ENSG00000237931	5.13E-15	-2.63127	1	1 RP11-469E19.1	K05024
ENSG00000237936	5.13E-15	-2.63127	1	1 RP11-224P11.1	K03111
ENSG00000237937	5.13E-15	-2.63127	1	1 AP000770.1	-
ENSG00000237938	5.13E-15	-2.63127	1	1 RP11-288I21.1	-
ENSG00000237939	5.13E-15	-2.63127	1	1 AC097523.3	K01823
ENSG00000237941	5.13E-15	-2.63127	1	1 KCNQ1DN	-
ENSG00000237943	5.13E-15	-2.63127	1	1 PRKCQ-AS1	-
ENSG00000237947	5.13E-15	-2.63127	1	1 RP11-570K4.1	-
ENSG00000237948	5.13E-15	-2.63127	1	1 Z95114.5	-
ENSG00000237949	5.13E-15	-2.63127	1	1 LINC00844	-
ENSG00000237951	5.13E-15	-2.63127	1	1 PPIL1P1	K12733
ENSG00000237952	5.13E-15	-2.63127	1	1 RPL7AP73	K02936
ENSG00000237953	5.13E-15	-2.63127	1	1 AC013267.1	K02953
ENSG00000237954	5.13E-15	-2.63127	1	1 RP11-14O19.2	-
ENSG00000237955	5.13E-15	-2.63127	1	1 AC008746.10	-
ENSG00000237956	5.13E-15	-2.63127	1	1 TRIAP1P1	-
ENSG00000237957	5.13E-15	-2.63127	1	1 CT47A5	-
ENSG00000237959	5.13E-15	-2.63127	1	1 RPL36AP10	K02929
ENSG00000237961	5.13E-15	-2.63127	1	1 RP11-1281K21.1	K17299
ENSG00000237963	5.13E-15	-2.63127	1	1 RP11-151G12.2	-
ENSG00000237964	5.13E-15	-2.63127	1	1 AC068042.1	K10873
ENSG00000237968	5.13E-15	-2.63127	1	1 AC007322.7	-
ENSG00000237970	5.13E-15	-2.63127	1	1 TMEM161BP1	-
ENSG00000237971	5.13E-15	-2.63127	1	1 RP11-231N9.1	-
ENSG00000237974	5.13E-15	-2.63127	1	1 AC000111.4	-
ENSG00000237975	5.13E-15	-2.63127	1	1 FLG-AS1	-
ENSG00000237979	5.13E-15	-2.63127	1	1 AC007389.1	K09518
ENSG00000237980	5.13E-15	-2.63127	1	1 RP11-338C15.3	-
ENSG00000237986	5.13E-15	-2.63127	1	1 CELF2-AS2	-
ENSG00000237987	5.13E-15	-2.63127	1	1 RP11-503C24.2	-
ENSG00000237988	5.13E-15	-2.63127	1	1 OR2I1P	K04257
ENSG00000237990	5.13E-15	-2.63127	1	1 CNTN4-AS1	-
ENSG00000237991	5.13E-15	-2.63127	1	1 RPL35P1	K02918
ENSG00000237992	5.13E-15	-2.63127	1	1 AC010096.2	-
ENSG00000237993	5.13E-15	-2.63127	1	1 RP11-159M11.2	-
ENSG00000237994	5.13E-15	-2.63127	1	1 RP1-146A15.1	-
ENSG00000237997	5.13E-15	-2.63127	1	1 RCC2P2	-
ENSG00000237998	5.13E-15	-2.63127	1	1 RP11-432J9.5	-
ENSG00000237999	5.13E-15	-2.63127	1	1 RP11-394D2.1	K05692

ENSG00000238002	5.13E-15	-2.63127	1	1 NPAP1P6	-
ENSG00000238003	5.13E-15	-2.63127	1	1 RP11-465N4.2	K02866
ENSG00000238004	5.13E-15	-2.63127	1	1 AC009227.3	-
ENSG00000238007	5.13E-15	-2.63127	1	1 AC024619.2	-
ENSG00000238008	5.13E-15	-2.63127	1	1 COX6CP10	K02268
ENSG00000238010	5.13E-15	-2.63127	1	1 RP11-123K19.2	-
ENSG00000238012	5.13E-15	-2.63127	1	1 AC114752.1	-
ENSG00000238013	5.13E-15	-2.63127	1	1 RP11-427P5.2	K02130
ENSG00000238019	5.13E-15	-2.63127	1	1 RP11-732M18.2	-
ENSG00000238020	5.13E-15	-2.63127	1	1 HTR3E-AS1	-
ENSG00000238021	5.13E-15	-2.63127	1	1 ARMC4P1	-
ENSG00000238022	5.13E-15	-2.63127	1	1 RP11-38C18.3	-
ENSG00000238024	5.13E-15	-2.63127	1	1 DDX39BP2	-
ENSG00000238025	5.13E-15	-2.63127	1	1 ZDHHC4P1	K18932
ENSG00000238026	5.13E-15	-2.63127	1	1 RP11-78E6.1	-
ENSG00000238029	5.13E-15	-2.63127	1	1 AC012493.1	K08773
ENSG00000238031	5.13E-15	-2.63127	1	1 AC090505.1	-
ENSG00000238032	5.13E-15	-2.63127	1	1 RP11-38O23.7	-
ENSG00000238033	5.13E-15	-2.63127	1	1 AC002480.2	-
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ENSG00000238037	5.13E-15	-2.63127	1	1 OOSP1P1	-
ENSG00000238038	5.13E-15	-2.63127	1	1 ATP6V0E1P3	K02153
ENSG00000238039	5.13E-15	-2.63127	1	1 AF011889.2	-
ENSG00000238040	5.13E-15	-2.63127	1	1 SALL4P2	-
ENSG00000238042	5.13E-15	-2.63127	1	1 RP11-815M8.1	-
ENSG00000238046	5.13E-15	-2.63127	1	1 MTND5P22	-
ENSG00000238047	5.13E-15	-2.63127	1	1 MTND1P30	-
ENSG00000238051	5.13E-15	-2.63127	1	1 ISCUPI	-
ENSG00000238057	5.13E-15	-2.63127	1	1 ZEB2-AS1	-
ENSG00000238062	5.13E-15	-2.63127	1	1 SPATA3-AS1	-
ENSG00000238063	5.13E-15	-2.63127	1	1 RP11-329N22.1	-
ENSG00000238065	5.13E-15	-2.63127	1	1 AC010740.1	-
ENSG00000238066	5.13E-15	-2.63127	1	1 RP3-378P9.1	-
ENSG00000238067	5.13E-15	-2.63127	1	1 XKRYP1	-
ENSG00000238068	5.13E-15	-2.63127	1	1 ZNF630-AS1	-
ENSG00000238069	5.13E-15	-2.63127	1	1 RPLPOP7	K02941
ENSG00000238073	5.13E-15	-2.63127	1	1 RBMY2HP	K12885
ENSG00000238074	5.13E-15	-2.63127	1	1 TSPY6P	K11284
ENSG00000238075	5.13E-15	-2.63127	1	1 AC087431.1	K02998
ENSG00000238076	5.13E-15	-2.63127	1	1 MRPL48P1	K17429
ENSG00000238077	5.13E-15	-2.63127	1	1 NMNAT1P3	K06210
ENSG00000238078	5.13E-15	-2.63127	1	1 RP11-295M18.2	-
ENSG00000238079	5.13E-15	-2.63127	1	1 RP11-72I2.1	-
ENSG00000238081	5.13E-15	-2.63127	1	1 RP4-620F22.3	-
ENSG00000238082	5.13E-15	-2.63127	1	1 AC009948.7	-
ENSG00000238085	5.13E-15	-2.63127	1	1 RP11-435F13.2	K02942
ENSG00000238086	5.13E-15	-2.63127	1	1 PPP1R26P1	K17565
ENSG00000238087	5.13E-15	-2.63127	1	1 FMO8P	K00485
ENSG00000238088	5.13E-15	-2.63127	1	1 OFD1P7Y	K16480
ENSG00000238090	5.13E-15	-2.63127	1	1 AC006195.2	K16779
ENSG00000238091	5.13E-15	-2.63127	1	1 AC016745.1	-
ENSG00000238092	5.13E-15	-2.63127	1	1 CEACAMP6	K06500
ENSG00000238094	5.13E-15	-2.63127	1	1 AC009892.5	-
ENSG00000238102	5.13E-15	-2.63127	1	1 RP11-19D2.1	-
ENSG00000238106	5.13E-15	-2.63127	1	1 RP11-402P6.7	-
ENSG00000238107	5.13E-15	-2.63127	1	1 RP11-495P10.5	-
ENSG00000238108	5.13E-15	-2.63127	1	1 RP11-463J7.3	-
ENSG00000238110	5.13E-15	-2.63127	1	1 RP11-350E12.5	-

ENSG00000238111	5.13E-15	-2.63127	1	1 AC066692.3	K02953
ENSG00000238116	5.13E-15	-2.63127	1	1 RP3-347M6.2	K06670
ENSG00000238117	5.13E-15	-2.63127	1	1 AP004372.1	-
ENSG00000238118	5.13E-15	-2.63127	1	1 SLC25A24P2	K14684
ENSG00000238121	5.13E-15	-2.63127	1	1 LINC00426	-
ENSG00000238124	5.13E-15	-2.63127	1	1 RP11-667F9.2	-
ENSG00000238125	5.13E-15	-2.63127	1	1 SLC9A3P2	K12040
ENSG00000238127	5.13E-15	-2.63127	1	1 RP11-552J9.15	K00819
ENSG00000238129	5.13E-15	-2.63127	1	1 RP3-410C9.2	-
ENSG00000238131	5.13E-15	-2.63127	1	1 RP11-806J6.1	-
ENSG00000238132	5.13E-15	-2.63127	1	1 CASC4P1	-
ENSG00000238135	5.13E-15	-2.63127	1	1 USP9YP10	-
ENSG00000238137	5.13E-15	-2.63127	1	1 ARPC3P2	K05756
ENSG00000238138	5.13E-15	-2.63127	1	1 AC027124.3	-
ENSG00000238139	5.13E-15	-2.63127	1	1 RP11-393N21.1	K13126
ENSG00000238141	5.13E-15	-2.63127	1	1 BRWD1-AS1	-
ENSG00000238142	5.13E-15	-2.63127	1	1 RP11-108M9.4	-
ENSG00000238143	5.13E-15	-2.63127	1	1 RP11-70K10.2	K04969
ENSG00000238145	5.13E-15	-2.63127	1	1 RP11-346M5.1	K07374
ENSG00000238149	5.13E-15	-2.63127	1	1 AC104978.1	K02957
ENSG00000238150	5.13E-15	-2.63127	1	1 AC008753.3	K02942
ENSG00000238151	5.13E-15	-2.63127	1	1 MLLT10P1	-
ENSG00000238152	5.13E-15	-2.63127	1	1 OR7E140P	K04257
ENSG00000238153	5.13E-15	-2.63127	1	1 CTA-714B7.4	K12465
ENSG00000238154	5.13E-15	-2.63127	1	1 USP9YP4	K11840
ENSG00000238156	5.13E-15	-2.63127	1	1 RP11-415D17.4	-
ENSG00000238158	5.13E-15	-2.63127	1	1 RP11-420L9.4	-
ENSG00000238161	5.13E-15	-2.63127	1	1 OR7E117P	K04257
ENSG00000238162	5.13E-15	-2.63127	1	1 AC009237.4	K12019
ENSG00000238166	5.13E-15	-2.63127	1	1 RP11-160C18.4	-
ENSG00000238168	5.13E-15	-2.63127	1	1 RP11-686G8.1	K06566
ENSG00000238169	5.13E-15	-2.63127	1	1 LINC01053	-
ENSG00000238172	5.13E-15	-2.63127	1	1 RPS2P35	K02981
ENSG00000238173	5.13E-15	-2.63127	1	1 RPL39P6	K02924
ENSG00000238176	5.13E-15	-2.63127	1	1 RP11-322I2.1	-
ENSG00000238180	5.13E-15	-2.63127	1	1 AC017079.4	K02889
ENSG00000238183	5.13E-15	-2.63127	1	1 RPS27P5	K02978
ENSG00000238185	5.13E-15	-2.63127	1	1 RP11-252M21.6	-
ENSG00000238186	5.13E-15	-2.63127	1	1 RP11-656D10.6	-
ENSG00000238188	5.13E-15	-2.63127	1	1 RP5-875H3.2	-
ENSG00000238189	5.13E-15	-2.63127	1	1 ENOX1-AS2	-
ENSG00000238190	5.13E-15	-2.63127	1	1 HMGB1P15	K10802
ENSG00000238191	5.13E-15	-2.63127	1	1 CLUHP1	-
ENSG00000238192	5.13E-15	-2.63127	1	1 LL22NC03-121E8.4	-
ENSG00000238193	5.13E-15	-2.63127	1	1 RP11-555H23.1	K07509
ENSG00000238194	5.13E-15	-2.63127	1	1 RP4-719C8.1	-
ENSG00000238195	5.13E-15	-2.63127	1	1 CTA-503F6.2	-
ENSG00000238200	5.13E-15	-2.63127	1	1 RP13-36C9.5	K00736
ENSG00000238201	5.13E-15	-2.63127	1	1 AC114752.3	-
ENSG00000238202	5.13E-15	-2.63127	1	1 AC002465.2	-
ENSG00000238205	5.13E-15	-2.63127	1	1 MPC1L	-
ENSG00000238207	5.13E-15	-2.63127	1	1 AC009312.1	-
ENSG00000238208	5.13E-15	-2.63127	1	1 RP11-112N13.1	-
ENSG00000238210	5.13E-15	-2.63127	1	1 RP13-210D15.4	-
ENSG00000238211	5.13E-15	-2.63127	1	1 POLR2LP	K03007
ENSG00000238212	5.13E-15	-2.63127	1	1 AC005863.2	-
ENSG00000238213	5.13E-15	-2.63127	1	1 TARDBPP2	-
ENSG00000238215	5.13E-15	-2.63127	1	1 RP11-167P22.5	-

ENSG00000238217	5.13E-15	-2.63127	1	1 AC093590.1	-
ENSG00000238223	5.13E-15	-2.63127	1	1 RP6-204F4.2	K09228
ENSG00000238224	5.13E-15	-2.63127	1	1 RP11-522M21.2	-
ENSG00000238225	5.13E-15	-2.63127	1	1 CRIP1P2	-
ENSG00000238228	5.13E-15	-2.63127	1	1 OR7E7P	K04257
ENSG00000238230	5.13E-15	-2.63127	1	1 LINC00391	-
ENSG00000238232	5.13E-15	-2.63127	1	1 RP11-95P13.2	-
ENSG00000238235	5.13E-15	-2.63127	1	1 TSPY11P	K11284
ENSG00000238236	5.13E-15	-2.63127	1	1 RP4-534P7.2	-
ENSG00000238240	5.13E-15	-2.63127	1	1 RP4-740C4.5	K11100
ENSG00000238241	5.13E-15	-2.63127	1	1 CCR12P	K04305
ENSG00000238242	5.13E-15	-2.63127	1	1 RP11-575B7.3	-
ENSG00000238243	5.13E-15	-2.63127	1	1 OR2W3	K04257
ENSG00000238246	5.13E-15	-2.63127	1	1 RP11-575A19.2	-
ENSG00000238247	5.13E-15	-2.63127	1	1 GS1-309P15.4	K05762
ENSG00000238249	5.13E-15	-2.63127	1	1 HMGN2P17	K11300
ENSG00000238250	5.13E-15	-2.63127	1	1 ST6GAL2-IT1	-
ENSG00000238254	5.13E-15	-2.63127	1	1 CTC-431G16.3	K02866
ENSG00000238256	5.13E-15	-2.63127	1	1 MTND5P20	K03883
ENSG00000238257	5.13E-15	-2.63127	1	1 AP000244.11	-
ENSG00000238259	5.13E-15	-2.63127	1	1 AC067940.1	K12834
ENSG00000238262	5.13E-15	-2.63127	1	1 NTM-IT	-
ENSG00000238263	5.13E-15	-2.63127	1	1 RP11-402L1.12	K02889
ENSG00000238265	5.13E-15	-2.63127	1	1 LINC00317	-
ENSG00000238267	5.13E-15	-2.63127	1	1 RP11-241K18.2	K11508
ENSG00000238270	5.13E-15	-2.63127	1	1 RP11-445J9.1	-
ENSG00000238275	5.13E-15	-2.63127	1	1 HOMER2P2	K15010
ENSG00000238276	5.13E-15	-2.63127	1	1 RP11-245J24.1	-
ENSG00000238277	5.13E-15	-2.63127	1	1 AC068483.1	-
ENSG00000238282	5.13E-15	-2.63127	1	1 RP5-1164C1.2	-
ENSG00000238283	5.13E-15	-2.63127	1	1 TBC1D3P1	K11837
ENSG00000238284	5.13E-15	-2.63127	1	1 AC027269.2	-
ENSG00000238285	5.13E-15	-2.63127	1	1 MRPL50P2	K17431
ENSG00000238286	5.13E-15	-2.63127	1	1 SLC35E1P1	K15283
ENSG00000238287	5.13E-15	-2.63127	1	1 RP11-656D10.3	-
ENSG00000238288	5.13E-15	-2.63127	1	1 RP11-100G15.4	K03880
ENSG00000238290	5.13E-15	-2.63127	1	1 RP11-431K24.1	-
ENSG00000238291	5.13E-15	-2.63127	1	1 RP11-94M14.3	-
ENSG00000238294	5.13E-15	-2.63127	1	1 snoU13	-
ENSG00000238295	5.13E-15	-2.63127	1	1 snoU13	-
ENSG00000238296	5.13E-15	-2.63127	1	1 snoU13	-
ENSG00000238297	5.13E-15	-2.63127	1	1 U3	-
ENSG00000238300	5.13E-15	-2.63127	1	1 SNORD121B	-
ENSG00000238301	5.13E-15	-2.63127	1	1 snoU13	-
ENSG00000238302	5.13E-15	-2.63127	1	1 RNU7-120P	-
ENSG00000238304	5.13E-15	-2.63127	1	1 RNU7-50P	-
ENSG00000238306	5.13E-15	-2.63127	1	1 snoU13	-
ENSG00000238309	5.13E-15	-2.63127	1	1 snoU13	-
ENSG00000238310	5.13E-15	-2.63127	1	1 RNU7-122P	-
ENSG00000238312	5.13E-15	-2.63127	1	1 snoU13	-
ENSG00000238313	5.13E-15	-2.63127	1	1 snoU13	-
ENSG00000238314	5.13E-15	-2.63127	1	1 snoU13	-
ENSG00000238316	5.13E-15	-2.63127	1	1 snoU13	-
ENSG00000238318	5.13E-15	-2.63127	1	1 snoU13	-
ENSG00000238319	5.13E-15	-2.63127	1	1 snoU13	-
ENSG00000238320	5.13E-15	-2.63127	1	1 AC027612.2	-
ENSG00000238321	5.13E-15	-2.63127	1	1 snoU13	-
ENSG00000238323	5.13E-15	-2.63127	1	1 AC068587.1	-

ENSG00000238324	5.13E-15	-2.63127	1	1 RN7SKP198	--
ENSG00000238325	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238326	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238327	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238328	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238330	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238331	5.13E-15	-2.63127	1	1 AC100791.2	--
ENSG00000238333	5.13E-15	-2.63127	1	1 RNU7-145P	--
ENSG00000238335	5.13E-15	-2.63127	1	1 AC008869.1	--
ENSG00000238337	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238339	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238340	5.13E-15	-2.63127	1	1 AC055876.2	--
ENSG00000238341	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238342	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238344	5.13E-15	-2.63127	1	1 SNORD126	--
ENSG00000238345	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238347	5.13E-15	-2.63127	1	1 AC100757.1	--
ENSG00000238348	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238351	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238352	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238354	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238355	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238357	5.13E-15	-2.63127	1	1 RNU7-148P	--
ENSG00000238358	5.13E-15	-2.63127	1	1 RP5-1121E10.2	--
ENSG00000238359	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238361	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238362	5.13E-15	-2.63127	1	1 AL158147.1	--
ENSG00000238365	5.13E-15	-2.63127	1	1 RNU7-57P	--
ENSG00000238366	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238367	5.13E-15	-2.63127	1	1 MIR2113	--
ENSG00000238368	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238370	5.13E-15	-2.63127	1	1 RNU7-103P	--
ENSG00000238371	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238372	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238374	5.13E-15	-2.63127	1	1 RNU7-180P	--
ENSG00000238375	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238376	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238377	5.13E-15	-2.63127	1	1 SNORD61	--
ENSG00000238379	5.13E-15	-2.63127	1	1 RNA5SP103	--
ENSG00000238380	5.13E-15	-2.63127	1	1 RNU7-165P	--
ENSG00000238382	5.13E-15	-2.63127	1	1 RNU6-1211P	--
ENSG00000238383	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238384	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238385	5.13E-15	-2.63127	1	1 AC004458.1	--
ENSG00000238387	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238388	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238389	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238391	5.13E-15	-2.63127	1	1 RNA5SP233	--
ENSG00000238392	5.13E-15	-2.63127	1	1 AC093668.1	--
ENSG00000238393	5.13E-15	-2.63127	1	1 AC009009.1	--
ENSG00000238394	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238395	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238397	5.13E-15	-2.63127	1	1 RNU6-368P	--
ENSG00000238398	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238399	5.13E-15	-2.63127	1	1 MIR2053	--
ENSG00000238400	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238401	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238402	5.13E-15	-2.63127	1	1 snoU13	--

ENSG00000238405	5.13E-15	-2.63127	1	1 RNA5SP311	--
ENSG00000238407	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238408	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238409	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238410	5.13E-15	-2.63127	1	1 snoU109	--
ENSG00000238411	5.13E-15	-2.63127	1	1 CR381670.1	--
ENSG00000238412	5.13E-15	-2.63127	1	1 AL589947.1	--
ENSG00000238413	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238414	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238415	5.13E-15	-2.63127	1	1 RNU6-538P	--
ENSG00000238416	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238417	5.13E-15	-2.63127	1	1 RNU7-63P	--
ENSG00000238418	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238419	5.13E-15	-2.63127	1	1 RNU7-186P	--
ENSG00000238420	5.13E-15	-2.63127	1	1 RNU6-437P	--
ENSG00000238422	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238423	5.13E-15	-2.63127	1	1 SNORD42B	--
ENSG00000238424	5.13E-15	-2.63127	1	1 AC190387.1	--
ENSG00000238425	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238426	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238427	5.13E-15	-2.63127	1	1 RNU7-136P	--
ENSG00000238428	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238430	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238431	5.13E-15	-2.63127	1	1 RNU7-157P	--
ENSG00000238433	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238436	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238437	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238438	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238440	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238441	5.13E-15	-2.63127	1	1 RNU7-130P	--
ENSG00000238442	5.13E-15	-2.63127	1	1 CR383657.1	--
ENSG00000238443	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238444	5.13E-15	-2.63127	1	1 RNU6-893P	--
ENSG00000238445	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238446	5.13E-15	-2.63127	1	1 RNU7-38P	--
ENSG00000238447	5.13E-15	-2.63127	1	1 RNU7-134P	--
ENSG00000238448	5.13E-15	-2.63127	1	1 AL121652.2	--
ENSG00000238449	5.13E-15	-2.63127	1	1 AC019131.1	--
ENSG00000238450	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238451	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238452	5.13E-15	-2.63127	1	1 RNU7-144P	--
ENSG00000238453	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238455	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238456	5.13E-15	-2.63127	1	1 RNU6-1014P	--
ENSG00000238457	5.13E-15	-2.63127	1	1 RNU7-169P	--
ENSG00000238458	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238459	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238460	5.13E-15	-2.63127	1	1 AC068587.2	--
ENSG00000238462	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238463	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238464	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238466	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238468	5.13E-15	-2.63127	1	1 RNU7-14P	--
ENSG00000238469	5.13E-15	-2.63127	1	1 AC091487.1	--
ENSG00000238470	5.13E-15	-2.63127	1	1 AC097361.1	--
ENSG00000238472	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238473	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238474	5.13E-15	-2.63127	1	1 snoU13	--

ENSG00000238478	5.13E-15	-2.63127	1	1 RNU6-498P	--
ENSG00000238480	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238481	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238482	5.13E-15	-2.63127	1	1 RNU6-1208P	--
ENSG00000238483	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238484	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238485	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238486	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238487	5.13E-15	-2.63127	1	1 RNU7-114P	--
ENSG00000238488	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238489	5.13E-15	-2.63127	1	1 RNU6-749P	--
ENSG00000238490	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238491	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238492	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238493	5.13E-15	-2.63127	1	1 RNU6-221P	--
ENSG00000238494	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238496	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238498	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238500	5.13E-15	-2.63127	1	1 RNU7-87P	--
ENSG00000238501	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238502	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238503	5.13E-15	-2.63127	1	1 SNORD18	--
ENSG00000238504	5.13E-15	-2.63127	1	1 AP005638.1	--
ENSG00000238506	5.13E-15	-2.63127	1	1 snoU13	--
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ENSG00000238508	5.13E-15	-2.63127	1	1 AC024569.1	--
ENSG00000238509	5.13E-15	-2.63127	1	1 RNU6-104P	--
ENSG00000238511	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238512	5.13E-15	-2.63127	1	1 AC117401.1	--
ENSG00000238513	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238514	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238515	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238516	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238517	5.13E-15	-2.63127	1	1 MIR1270-1	--
ENSG00000238518	5.13E-15	-2.63127	1	1 AC020900.1	--
ENSG00000238519	5.13E-15	-2.63127	1	1 U8	--
ENSG00000238520	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238521	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238522	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238523	5.13E-15	-2.63127	1	1 RNU7-107P	--
ENSG00000238525	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238526	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238529	5.13E-15	-2.63127	1	1 RNU6-599P	--
ENSG00000238530	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238531	5.13E-15	-2.63127	1	1 SNORD105B	--
ENSG00000238532	5.13E-15	-2.63127	1	1 AL355794.1	--
ENSG00000238535	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238536	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238537	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238538	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238540	5.13E-15	-2.63127	1	1 RNU7-93P	--
ENSG00000238542	5.13E-15	-2.63127	1	1 RNU7-104P	--
ENSG00000238543	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238544	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238545	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238546	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238551	5.13E-15	-2.63127	1	1 RNU6-1193P	--
ENSG00000238552	5.13E-15	-2.63127	1	1 snoU13	--

ENSG00000238553	5.13E-15	-2.63127	1	1 AF213884.3	--
ENSG00000238554	5.13E-15	-2.63127	1	1 RNU1-88P	--
ENSG00000238556	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238557	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238558	5.13E-15	-2.63127	1	1 RNU7-21P	--
ENSG00000238559	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238560	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238561	5.13E-15	-2.63127	1	1 RNU6ATAC28P	--
ENSG00000238562	5.13E-15	-2.63127	1	1 RNU7-159P	--
ENSG00000238563	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238564	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238565	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238566	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238567	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238568	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238570	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238571	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238572	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238575	5.13E-15	-2.63127	1	1 snoU109	--
ENSG00000238576	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238577	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238578	5.13E-15	-2.63127	1	1 SNORD4A	--
ENSG00000238579	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238581	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238582	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238584	5.13E-15	-2.63127	1	1 RNU7-167P	--
ENSG00000238585	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238587	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238588	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238590	5.13E-15	-2.63127	1	1 RNU7-54P	--
ENSG00000238591	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238592	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238593	5.13E-15	-2.63127	1	1 AC078785.1	--
ENSG00000238594	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238595	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238596	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238597	5.13E-15	-2.63127	1	1 SNORD4B	--
ENSG00000238598	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238601	5.13E-15	-2.63127	1	1 AC040163.1	--
ENSG00000238603	5.13E-15	-2.63127	1	1 RNVU1-1	--
ENSG00000238604	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238605	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238606	5.13E-15	-2.63127	1	1 RNU7-7P	--
ENSG00000238607	5.13E-15	-2.63127	1	1 AC138749.1	--
ENSG00000238608	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238609	5.13E-15	-2.63127	1	1 RNU7-94P	--
ENSG00000238610	5.13E-15	-2.63127	1	1 RNU7-26P	--
ENSG00000238611	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238612	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238615	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238616	5.13E-15	-2.63127	1	1 RNU6-300P	--
ENSG00000238618	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238619	5.13E-15	-2.63127	1	1 RNU6-775P	--
ENSG00000238620	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238621	5.13E-15	-2.63127	1	1 TRNAI2	--
ENSG00000238622	5.13E-15	-2.63127	1	1 SNORD97	--
ENSG00000238623	5.13E-15	-2.63127	1	1 AC073597.1	--
ENSG00000238624	5.13E-15	-2.63127	1	1 snoU13	--

ENSG00000238625	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238626	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238627	5.13E-15	-2.63127	1	1 RNA5SP489	--
ENSG00000238628	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238629	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238630	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238631	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238632	5.13E-15	-2.63127	1	1 RNU7-126P	--
ENSG00000238634	5.13E-15	-2.63127	1	1 AE000660.1	--
ENSG00000238638	5.13E-15	-2.63127	1	1 AL353626.1	--
ENSG00000238639	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238641	5.13E-15	-2.63127	1	1 AC008122.1	--
ENSG00000238642	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238644	5.13E-15	-2.63127	1	1 AL117380.1	--
ENSG00000238645	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238646	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238648	5.13E-15	-2.63127	1	1 TRNAI6	--
ENSG00000238649	5.13E-15	-2.63127	1	1 SNORD42A	--
ENSG00000238650	5.13E-15	-2.63127	1	1 SNORD54	--
ENSG00000238652	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238653	5.13E-15	-2.63127	1	1 RNU7-62P	--
ENSG00000238654	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238656	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238657	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238658	5.13E-15	-2.63127	1	1 RNU6-625P	--
ENSG00000238660	5.13E-15	-2.63127	1	1 AP001340.1	--
ENSG00000238661	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238662	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238663	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238666	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238669	5.13E-15	-2.63127	1	1 RNU6-333P	--
ENSG00000238670	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238672	5.13E-15	-2.63127	1	1 AC020626.1	--
ENSG00000238673	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238674	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238676	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238677	5.13E-15	-2.63127	1	1 RNA5SP58	--
ENSG00000238679	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238680	5.13E-15	-2.63127	1	1 RNU6-1037P	--
ENSG00000238684	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238685	5.13E-15	-2.63127	1	1 ACA64	--
ENSG00000238686	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238687	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238688	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238689	5.13E-15	-2.63127	1	1 RNU7-166P	--
ENSG00000238690	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238691	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238692	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238693	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238694	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238695	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238696	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238697	5.13E-15	-2.63127	1	1 RNU6-261P	--
ENSG00000238698	5.13E-15	-2.63127	1	1 RNU7-147P	--
ENSG00000238699	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238701	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238702	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238703	5.13E-15	-2.63127	1	1 snoU13	--

ENSG00000238704	5.13E-15	-2.63127	1	1 RNU7-97P	--
ENSG00000238705	5.13E-15	-2.63127	1	1 MIR1976	--
ENSG00000238707	5.13E-15	-2.63127	1	1 SNORD2	--
ENSG00000238708	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238709	5.13E-15	-2.63127	1	1 RNU7-56P	--
ENSG00000238712	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238713	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238714	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238716	5.13E-15	-2.63127	1	1 AL031905.1	--
ENSG00000238717	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238718	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238719	5.13E-15	-2.63127	1	1 RNU7-96P	--
ENSG00000238721	5.13E-15	-2.63127	1	1 RNU7-194P	--
ENSG00000238722	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238723	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238724	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238726	5.13E-15	-2.63127	1	1 AC073648.1	--
ENSG00000238727	5.13E-15	-2.63127	1	1 AC099540.1	--
ENSG00000238728	5.13E-15	-2.63127	1	1 MIR1972-1	--
ENSG00000238729	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238730	5.13E-15	-2.63127	1	1 RNU7-164P	--
ENSG00000238731	5.13E-15	-2.63127	1	1 RNU7-90P	--
ENSG00000238732	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238733	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238734	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238735	5.13E-15	-2.63127	1	1 RNU7-113P	--
ENSG00000238736	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238737	5.13E-15	-2.63127	1	1 AC100756.1	--
ENSG00000238738	5.13E-15	-2.63127	1	1 AC116345.1	--
ENSG00000238739	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238740	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238742	5.13E-15	-2.63127	1	1 MIR2110	--
ENSG00000238744	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238745	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238746	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238747	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238748	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238749	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238750	5.13E-15	-2.63127	1	1 RNU7-27P	--
ENSG00000238752	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238753	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238755	5.13E-15	-2.63127	1	1 RP11-23D24.2	--
ENSG00000238756	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238758	5.13E-15	-2.63127	1	1 AL512791.1	--
ENSG00000238759	5.13E-15	-2.63127	1	1 RNU7-155P	--
ENSG00000238760	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238761	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238763	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238764	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238765	5.13E-15	-2.63127	1	1 RNA5SP57	--
ENSG00000238766	5.13E-15	-2.63127	1	1 AL513185.1	--
ENSG00000238767	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238768	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238769	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238770	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238771	5.13E-15	-2.63127	1	1 snoU13	--
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ENSG00000238773	5.13E-15	-2.63127	1	1 AL137855.1	--

ENSG00000238774	5.13E-15	-2.63127	1	1 AC009121.1	--
ENSG00000238775	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238776	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238778	5.13E-15	-2.63127	1	1 RNU7-80P	--
ENSG00000238781	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238782	5.13E-15	-2.63127	1	1 RNU7-9P	--
ENSG00000238783	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238785	5.13E-15	-2.63127	1	1 RNU7-92P	--
ENSG00000238787	5.13E-15	-2.63127	1	1 AC093577.1	--
ENSG00000238788	5.13E-15	-2.63127	1	1 RNU7-182P	--
ENSG00000238789	5.13E-15	-2.63127	1	1 RNU7-152P	--
ENSG00000238790	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238792	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238795	5.13E-15	-2.63127	1	1 SCARNA12	--
ENSG00000238796	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238797	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238798	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238799	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238800	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238801	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238802	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238803	5.13E-15	-2.63127	1	1 AL732479.1	--
ENSG00000238804	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238805	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238806	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238807	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238808	5.13E-15	-2.63127	1	1 RNU7-102P	--
ENSG00000238809	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238811	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238812	5.13E-15	-2.63127	1	1 RNU7-127P	--
ENSG00000238813	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238815	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238816	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238818	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238819	5.13E-15	-2.63127	1	1 SNORD11	--
ENSG00000238822	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238823	5.13E-15	-2.63127	1	1 AC215219.1	--
ENSG00000238825	5.13E-15	-2.63127	1	1 RNU1-13P	--
ENSG00000238826	5.13E-15	-2.63127	1	1 AL359253.1	--
ENSG00000238827	5.13E-15	-2.63127	1	1 AC093611.1	--
ENSG00000238830	5.13E-15	-2.63127	1	1 RNU7-46P	--
ENSG00000238833	5.13E-15	-2.63127	1	1 RNU1-131P	--
ENSG00000238836	5.13E-15	-2.63127	1	1 AC074129.1	--
ENSG00000238837	5.13E-15	-2.63127	1	1 RP11-646E18.2	--
ENSG00000238838	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238840	5.13E-15	-2.63127	1	1 U8	--
ENSG00000238841	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238842	5.13E-15	-2.63127	1	1 RNU7-106P	--
ENSG00000238843	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238844	5.13E-15	-2.63127	1	1 AC083875.1	--
ENSG00000238845	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238849	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238851	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238852	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238853	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238854	5.13E-15	-2.63127	1	1 SNORD5	--
ENSG00000238855	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238856	5.13E-15	-2.63127	1	1 snoU13	--

ENSG00000238858	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238859	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238860	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238861	5.13E-15	-2.63127	1	1 AP003064.1	--
ENSG00000238862	5.13E-15	-2.63127	1	1 SNORD19B	--
ENSG00000238863	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238864	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238865	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238867	5.13E-15	-2.63127	1	1 AL136967.1	--
ENSG00000238869	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238870	5.13E-15	-2.63127	1	1 AC009677.1	--
ENSG00000238871	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238872	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238874	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238875	5.13E-15	-2.63127	1	1 RN7SKP210	--
ENSG00000238876	5.13E-15	-2.63127	1	1 AL391261.1	--
ENSG00000238878	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238880	5.13E-15	-2.63127	1	1 RNU7-59P	--
ENSG00000238882	5.13E-15	-2.63127	1	1 RNU6-329P	--
ENSG00000238883	5.13E-15	-2.63127	1	1 AC114491.1	--
ENSG00000238884	5.13E-15	-2.63127	1	1 RNU7-85P	--
ENSG00000238885	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238887	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238888	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238889	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238890	5.13E-15	-2.63127	1	1 AC078917.1	--
ENSG00000238891	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238892	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238893	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238895	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238896	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238898	5.13E-15	-2.63127	1	1 RNU1-80P	--
ENSG00000238899	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238900	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238901	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238902	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238904	5.13E-15	-2.63127	1	1 RNU7-34P	--
ENSG00000238905	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238906	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238907	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238908	5.13E-15	-2.63127	1	1 RNA5SP484	--
ENSG00000238909	5.13E-15	-2.63127	1	1 AC068643.1	--
ENSG00000238910	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238911	5.13E-15	-2.63127	1	1 AC026357.1	--
ENSG00000238912	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238913	5.13E-15	-2.63127	1	1 RNU7-196P	--
ENSG00000238914	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238917	5.13E-15	-2.63127	1	1 SNORD10	--
ENSG00000238918	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238919	5.13E-15	-2.63127	1	1 AL353763.1	--
ENSG00000238921	5.13E-15	-2.63127	1	1 AL360178.1	--
ENSG00000238923	5.13E-15	-2.63127	1	1 RNU7-1	--
ENSG00000238925	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238926	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238929	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238930	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238931	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238932	5.13E-15	-2.63127	1	1 snoU13	--

ENSG00000238933	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238935	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238936	5.13E-15	-2.63127	1	1 SNORD65	--
ENSG00000238938	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238939	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238940	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238941	5.13E-15	-2.63127	1	1 RNU6-953P	--
ENSG00000238942	5.13E-15	-2.63127	1	1 SNORD2	--
ENSG00000238943	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000238945	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238946	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238947	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238949	5.13E-15	-2.63127	1	1 RNU7-66P	--
ENSG00000238950	5.13E-15	-2.63127	1	1 RNU7-173P	--
ENSG00000238951	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238952	5.13E-15	-2.63127	1	1 AC099757.1	--
ENSG00000238954	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238957	5.13E-15	-2.63127	1	1 AL512640.1	--
ENSG00000238958	5.13E-15	-2.63127	1	1 AC098649.1	--
ENSG00000238959	5.13E-15	-2.63127	1	1 RNU7-19P	--
ENSG00000238960	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238962	5.13E-15	-2.63127	1	1 RNU7-176P	--
ENSG00000238963	5.13E-15	-2.63127	1	1 U8	--
ENSG00000238964	5.13E-15	-2.63127	1	1 RNU7-125P	--
ENSG00000238965	5.13E-15	-2.63127	1	1 RNA5SP351	--
ENSG00000238966	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000238969	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238970	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238971	5.13E-15	-2.63127	1	1 AC093766.1	--
ENSG00000238972	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238974	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238976	5.13E-15	-2.63127	1	1 AC004016.1	--
ENSG00000238978	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238979	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238980	5.13E-15	-2.63127	1	1 AL354806.1	--
ENSG00000238981	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238982	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238983	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238984	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238985	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238986	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238988	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238991	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238992	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238996	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000238997	5.13E-15	-2.63127	1	1 AC105052.1	--
ENSG00000238998	5.13E-15	-2.63127	1	1 RNU7-187P	--
ENSG00000238999	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239000	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239001	5.13E-15	-2.63127	1	1 RNU6-420P	--
ENSG00000239003	5.13E-15	-2.63127	1	1 RNU7-88P	--
ENSG00000239004	5.13E-15	-2.63127	1	1 RNU7-76P	--
ENSG00000239005	5.13E-15	-2.63127	1	1 ACA64	--
ENSG00000239006	5.13E-15	-2.63127	1	1 AC105941.1	--
ENSG00000239007	5.13E-15	-2.63127	1	1 RNU7-95P	--
ENSG00000239008	5.13E-15	-2.63127	1	1 ACA64	--
ENSG00000239010	5.13E-15	-2.63127	1	1 RNU7-74P	--
ENSG00000239011	5.13E-15	-2.63127	1	1 snoU13	--

ENSG00000239012	5.13E-15	-2.63127	1	1 AL583842.1	--
ENSG00000239013	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239014	5.13E-15	-2.63127	1	1 SNORD108	--
ENSG00000239015	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239017	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239018	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239020	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239021	5.13E-15	-2.63127	1	1 RNA5SP246	--
ENSG00000239022	5.13E-15	-2.63127	1	1 AC069082.1	--
ENSG00000239023	5.13E-15	-2.63127	1	1 RNU1-98P	--
ENSG00000239024	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239025	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239026	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239027	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239028	5.13E-15	-2.63127	1	1 AL359955.1	--
ENSG00000239030	5.13E-15	-2.63127	1	1 RNU6-956P	--
ENSG00000239031	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239034	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239036	5.13E-15	-2.63127	1	1 AC010209.1	--
ENSG00000239037	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239038	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239039	5.13E-15	-2.63127	1	1 SNORD13	--
ENSG00000239041	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239044	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239045	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239046	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239048	5.13E-15	-2.63127	1	1 AC008706.1	--
ENSG00000239049	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239050	5.13E-15	-2.63127	1	1 AL354741.1	--
ENSG00000239053	5.13E-15	-2.63127	1	1 RNU7-138P	--
ENSG00000239054	5.13E-15	-2.63127	1	1 snoU13	--
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ENSG00000239056	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239057	5.13E-15	-2.63127	1	1 MIR500B	--
ENSG00000239058	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239061	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239064	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239065	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239066	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239067	5.13E-15	-2.63127	1	1 snoU13	--
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ENSG00000239070	5.13E-15	-2.63127	1	1 MIR1299	--
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ENSG00000239075	5.13E-15	-2.63127	1	1 RNU6-274P	--
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ENSG00000239078	5.13E-15	-2.63127	1	1 RNU7-55P	--
ENSG00000239080	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239081	5.13E-15	-2.63127	1	1 RNU7-24P	--
ENSG00000239082	5.13E-15	-2.63127	1	1 RNU7-170P	--
ENSG00000239083	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239084	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239086	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239087	5.13E-15	-2.63127	1	1 snoU13	--
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ENSG00000239098	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239099	5.13E-15	-2.63127	1	1 RNU7-23P	--
ENSG00000239100	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239101	5.13E-15	-2.63127	1	1 AL162430.2	--
ENSG00000239102	5.13E-15	-2.63127	1	1 RNU7-185P	--
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ENSG00000239106	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000239107	5.13E-15	-2.63127	1	1 CR392039.1	--
ENSG00000239108	5.13E-15	-2.63127	1	1 RNU6-1132P	--
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ENSG00000239112	5.13E-15	-2.63127	1	1 SNORD123	--
ENSG00000239114	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239115	5.13E-15	-2.63127	1	1 RNU7-67P	--
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ENSG00000239119	5.13E-15	-2.63127	1	1 RNU7-119P	--
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ENSG00000239130	5.13E-15	-2.63127	1	1 snoU13	--
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ENSG00000239143	5.13E-15	-2.63127	1	1 Y_RNA	--
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ENSG00000239148	5.13E-15	-2.63127	1	1 U8	--
ENSG00000239151	5.13E-15	-2.63127	1	1 RNU7-195P	--
ENSG00000239152	5.13E-15	-2.63127	1	1 RNA5SP310	--
ENSG00000239153	5.13E-15	-2.63127	1	1 snoU13	--
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ENSG00000239159	5.13E-15	-2.63127	1	1 snoU13	--
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ENSG00000239161	5.13E-15	-2.63127	1	1 snoU13	--
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ENSG00000239166	5.13E-15	-2.63127	1	1 snoU13	--
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ENSG00000239168	5.13E-15	-2.63127	1	1 RNU7-197P	--
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ENSG00000239173	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239175	5.13E-15	-2.63127	1	1 RNU6-1218P	--
ENSG00000239176	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000239178	5.13E-15	-2.63127	1	1 RNU6-671P	--
ENSG00000239179	5.13E-15	-2.63127	1	1 CR392039.2	--
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ENSG00000239181	5.13E-15	-2.63127	1	1 AC092048.1	--
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ENSG00000239184	5.13E-15	-2.63127	1	1 RNA5SP269	--
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ENSG00000239190	5.13E-15	-2.63127	1	1 RNU6-717P	--
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ENSG00000239197	5.13E-15	-2.63127	1	1 snoU109	--
ENSG00000239199	5.13E-15	-2.63127	1	1 RPL21P6	K02889
ENSG00000239200	5.13E-15	-2.63127	1	1 RP11-536C10.1	K02891
ENSG00000239201	5.13E-15	-2.63127	1	1 RPL21P106	K02889
ENSG00000239202	5.13E-15	-2.63127	1	1 RN7SL499P	--
ENSG00000239203	5.13E-15	-2.63127	1	1 AC093484.4	--
ENSG00000239205	5.13E-15	-2.63127	1	1 RP11-747D18.1	--
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ENSG00000239210	5.13E-15	-2.63127	1	1 RPS26P55	K02976
ENSG00000239211	5.13E-15	-2.63127	1	1 RN7SL563P	--
ENSG00000239212	5.13E-15	-2.63127	1	1 RPL6P7	K02934
ENSG00000239215	5.13E-15	-2.63127	1	1 RPL27P12	K02901
ENSG00000239216	5.13E-15	-2.63127	1	1 RP4-712E4.2	--
ENSG00000239221	5.13E-15	-2.63127	1	1 RN7SL442P	--
ENSG00000239223	5.13E-15	-2.63127	1	1 RPL34P31	K02915
ENSG00000239224	5.13E-15	-2.63127	1	1 RN7SL546P	--
ENSG00000239225	5.13E-15	-2.63127	1	1 TTTY23	--
ENSG00000239226	5.13E-15	-2.63127	1	1 MRPS17P3	K02961
ENSG00000239227	5.13E-15	-2.63127	1	1 RP11-12K11.1	K03875
ENSG00000239228	5.13E-15	-2.63127	1	1 RN7SL578P	--
ENSG00000239230	5.13E-15	-2.63127	1	1 RN7SL95P	--
ENSG00000239238	5.13E-15	-2.63127	1	1 MEMO1P3	K06990
ENSG00000239249	5.13E-15	-2.63127	1	1 RN7SL757P	--
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ENSG00000239253	5.13E-15	-2.63127	1	1 RPS4XP23	K02987
ENSG00000239255	5.13E-15	-2.63127	1	1 RP11-145M9.2	--
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ENSG00000239257	5.13E-15	-2.63127	1	1 RPL23AP1	K02893
ENSG00000239261	5.13E-15	-2.63127	1	1 RPL31P41	K02910
ENSG00000239263	5.13E-15	-2.63127	1	1 RBM43P1	--
ENSG00000239265	5.13E-15	-2.63127	1	1 CLRN1-AS1	--
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ENSG00000239275	5.13E-15	-2.63127	1	1 RP4-675G8.2	--
ENSG00000239279	5.13E-15	-2.63127	1	1 RN7SL184P	--
ENSG00000239281	5.13E-15	-2.63127	1	1 RPS29P2	K02980

ENSG00000239288	5.13E-15	-2.63127	1	1 RP11-59E19.3	K11723
ENSG00000239291	5.13E-15	-2.63127	1	1 RP5-867C24.1	K02981
ENSG00000239293	5.13E-15	-2.63127	1	1 OR9P1P	K04257
ENSG00000239304	5.13E-15	-2.63127	1	1 DNM1P48	K01528
ENSG00000239311	5.13E-15	-2.63127	1	1 RP11-615J4.3	-
ENSG00000239314	5.13E-15	-2.63127	1	1 MORC1-AS1	-
ENSG00000239315	5.13E-15	-2.63127	1	1 RPL19P13	K02885
ENSG00000239316	5.13E-15	-2.63127	1	1 RN7SL11P	-
ENSG00000239317	5.13E-15	-2.63127	1	1 RP11-449H3.2	K02917
ENSG00000239319	5.13E-15	-2.63127	1	1 RN7SL854P	-
ENSG00000239320	5.13E-15	-2.63127	1	1 RPS29P26	-
ENSG00000239322	5.13E-15	-2.63127	1	1 AC007040.7	-
ENSG00000239323	5.13E-15	-2.63127	1	1 CTD-2213F21.1	K02940
ENSG00000239327	5.13E-15	-2.63127	1	1 RP11-14J7.1	K02976
ENSG00000239333	5.13E-15	-2.63127	1	1 RN7SL658P	-
ENSG00000239334	5.13E-15	-2.63127	1	1 GSTTP2	K00799
ENSG00000239344	5.13E-15	-2.63127	1	1 RP11-771F20.1	K02991
ENSG00000239345	5.13E-15	-2.63127	1	1 HNRNPA1P26	K12741
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ENSG00000239354	5.13E-15	-2.63127	1	1 RPS17P15	-
ENSG00000239356	5.13E-15	-2.63127	1	1 RN7SL309P	-
ENSG00000239365	5.13E-15	-2.63127	1	1 RPS26P49	-
ENSG00000239367	5.13E-15	-2.63127	1	1 RN7SL477P	-
ENSG00000239373	5.13E-15	-2.63127	1	1 RN7SL425P	-
ENSG00000239374	5.13E-15	-2.63127	1	1 RP11-407P2.1	K02889
ENSG00000239381	5.13E-15	-2.63127	1	1 RP11-4B14.3	-
ENSG00000239383	5.13E-15	-2.63127	1	1 RP11-413E6.2	K04257
ENSG00000239389	5.13E-15	-2.63127	1	1 PCDHA13	K16493
ENSG00000239390	5.13E-15	-2.63127	1	1 RN7SL87P	-
ENSG00000239392	5.13E-15	-2.63127	1	1 RP11-537H15.4	K00088
ENSG00000239395	5.13E-15	-2.63127	1	1 RP11-634B7.5	-
ENSG00000239396	5.13E-15	-2.63127	1	1 RN7SL414P	-
ENSG00000239397	5.13E-15	-2.63127	1	1 RP11-101K23.1	-
ENSG00000239398	5.13E-15	-2.63127	1	1 RN7SL342P	-
ENSG00000239402	5.13E-15	-2.63127	1	1 CYP4F62P	K13356
ENSG00000239408	5.13E-15	-2.63127	1	1 RP11-278L15.4	-
ENSG00000239412	5.13E-15	-2.63127	1	1 RPL21P71	K02889
ENSG00000239413	5.13E-15	-2.63127	1	1 RPS27P23	K02978
ENSG00000239419	5.13E-15	-2.63127	1	1 RN7SL535P	-
ENSG00000239426	5.13E-15	-2.63127	1	1 OR8F1P	K04257
ENSG00000239428	5.13E-15	-2.63127	1	1 GM2AP2	K12383
ENSG00000239429	5.13E-15	-2.63127	1	1 RP11-45D17.1	K09026
ENSG00000239432	5.13E-15	-2.63127	1	1 GS1-388B5.8	K04257
ENSG00000239435	5.13E-15	-2.63127	1	1 KCNMB3P1	K04939
ENSG00000239437	5.13E-15	-2.63127	1	1 RN7SL752P	-
ENSG00000239438	5.13E-15	-2.63127	1	1 RP11-332E19.1	-
ENSG00000239439	5.13E-15	-2.63127	1	1 RFKP2	K00861
ENSG00000239440	5.13E-15	-2.63127	1	1 RP11-260O18.1	-
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ENSG00000239445	5.13E-15	-2.63127	1	1 ST3GAL6-AS1	-
ENSG00000239446	5.13E-15	-2.63127	1	1 RP1-76B20.12	-
ENSG00000239453	5.13E-15	-2.63127	1	1 SIDT1-AS1	-
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ENSG00000239455	5.13E-15	-2.63127	1	1 RP11-561O4.1	K07293
ENSG00000239462	5.13E-15	-2.63127	1	1 CTD-2021J15.1	-
ENSG00000239464	5.13E-15	-2.63127	1	1 RN7SL691P	-
ENSG00000239465	5.13E-15	-2.63127	1	1 RP11-330L19.2	K02889
ENSG00000239466	5.13E-15	-2.63127	1	1 RN7SL552P	-

ENSG00000239467	5.13E-15	-2.63127	1	1 AC007405.6	-
ENSG00000239468	5.13E-15	-2.63127	1	1 RN7SL569P	-
ENSG00000239471	5.13E-15	-2.63127	1	1 RN7SL584P	-
ENSG00000239472	5.13E-15	-2.63127	1	1 RN7SL221P	-
ENSG00000239473	5.13E-15	-2.63127	1	1 RPL7P38	K02937
ENSG00000239475	5.13E-15	-2.63127	1	1 HYDIN2	-
ENSG00000239480	5.13E-15	-2.63127	1	1 RP11-514P8.2	-
ENSG00000239481	5.13E-15	-2.63127	1	1 RPS3AP41	K02984
ENSG00000239482	5.13E-15	-2.63127	1	1 RP11-90K6.1	-
ENSG00000239483	5.13E-15	-2.63127	1	1 RPS15AP16	K02957
ENSG00000239486	5.13E-15	-2.63127	1	1 RP11-163E9.1	K13055
ENSG00000239490	5.13E-15	-2.63127	1	1 RPS4XP18	K02987
ENSG00000239492	5.13E-15	-2.63127	1	1 FAM25HP	-
ENSG00000239498	5.13E-15	-2.63127	1	1 AC114765.1	-
ENSG00000239500	5.13E-15	-2.63127	1	1 RP1-169K13.3	K07375
ENSG00000239503	5.13E-15	-2.63127	1	1 MARK2P8	-
ENSG00000239504	5.13E-15	-2.63127	1	1 RN7SL583P	-
ENSG00000239508	5.13E-15	-2.63127	1	1 PLCH1-AS1	-
ENSG00000239510	5.13E-15	-2.63127	1	1 RPL9P5	K02940
ENSG00000239511	5.13E-15	-2.63127	1	1 POM121L7	-
ENSG00000239513	5.13E-15	-2.63127	1	1 RP11-2A4.3	-
ENSG00000239516	5.13E-15	-2.63127	1	1 FLYWCH1P1	-
ENSG00000239517	5.13E-15	-2.63127	1	1 CTD-2503O16.1	K02924
ENSG00000239519	5.13E-15	-2.63127	1	1 CADM2-AS1	-
ENSG00000239520	5.13E-15	-2.63127	1	1 RPL17P42	K02880
ENSG00000239525	5.13E-15	-2.63127	1	1 RPL30P5	K06013
ENSG00000239527	5.13E-15	-2.63127	1	1 RPS23P7	K02973
ENSG00000239528	5.13E-15	-2.63127	1	1 CTB-118N6.1	K02955
ENSG00000239532	5.13E-15	-2.63127	1	1 RP11-9D8.1	K02889
ENSG00000239533	5.13E-15	-2.63127	1	1 GOLGA2P2Y	-
ENSG00000239539	5.13E-15	-2.63127	1	1 HMGN1P20	K11299
ENSG00000239542	5.13E-15	-2.63127	1	1 RN7SL399P	-
ENSG00000239544	5.13E-15	-2.63127	1	1 RP11-109N23.1	-
ENSG00000239545	5.13E-15	-2.63127	1	1 RN7SL822P	-
ENSG00000239547	5.13E-15	-2.63127	1	1 RN7SL843P	-
ENSG00000239552	5.13E-15	-2.63127	1	1 HOXB-AS2	-
ENSG00000239555	5.13E-15	-2.63127	1	1 RN7SL841P	-
ENSG00000239560	5.13E-15	-2.63127	1	1 RN7SL479P	-
ENSG00000239568	5.13E-15	-2.63127	1	1 RP11-654C22.1	-
ENSG00000239570	5.13E-15	-2.63127	1	1 SETP11	K11290
ENSG00000239571	5.13E-15	-2.63127	1	1 IGKV2D-30	-
ENSG00000239572	5.13E-15	-2.63127	1	1 RP11-451B8.1	-
ENSG00000239576	5.13E-15	-2.63127	1	1 COX6CP14	K02268
ENSG00000239577	5.13E-15	-2.63127	1	1 RN7SL388P	-
ENSG00000239579	5.13E-15	-2.63127	1	1 RN7SL325P	-
ENSG00000239580	5.13E-15	-2.63127	1	1 RN7SL675P	-
ENSG00000239586	5.13E-15	-2.63127	1	1 MTND1P16	K03878
ENSG00000239587	5.13E-15	-2.63127	1	1 AC018730.4	-
ENSG00000239589	5.13E-15	-2.63127	1	1 LINC00879	-
ENSG00000239590	5.13E-15	-2.63127	1	1 OR1J4	K04257
ENSG00000239594	5.13E-15	-2.63127	1	1 MIR18B	-
ENSG00000239595	5.13E-15	-2.63127	1	1 RN7SL79P	-
ENSG00000239600	5.13E-15	-2.63127	1	1 AP000797.2	K02932
ENSG00000239605	5.13E-15	-2.63127	1	1 C2orf61	-
ENSG00000239607	5.13E-15	-2.63127	1	1 RN7SL573P	-
ENSG00000239610	5.13E-15	-2.63127	1	1 RN7SL13P	-
ENSG00000239615	5.13E-15	-2.63127	1	1 CTD-2410N18.1	K02953
ENSG00000239620	5.13E-15	-2.63127	1	1 RP11-88I21.1	-

ENSG00000239622	5.13E-15	-2.63127	1	1 CTA-242H14.1	K02927
ENSG00000239625	5.13E-15	-2.63127	1	1 RN7SL241P	-
ENSG00000239626	5.13E-15	-2.63127	1	1 RPSAP41	K02998
ENSG00000239628	5.13E-15	-2.63127	1	1 RP11-543D10.2	-
ENSG00000239632	5.13E-15	-2.63127	1	1 RP11-52L11.9	-
ENSG00000239640	5.13E-15	-2.63127	1	1 RN7SL62P	-
ENSG00000239641	5.13E-15	-2.63127	1	1 PLS1-AS1	-
ENSG00000239642	5.13E-15	-2.63127	1	1 AC034228.7	-
ENSG00000239648	5.13E-15	-2.63127	1	1 MTND1P3	K03878
ENSG00000239649	5.13E-15	-2.63127	1	1 MYADML	-
ENSG00000239650	5.13E-15	-2.63127	1	1 GUSBP4	K01195
ENSG00000239659	5.13E-15	-2.63127	1	1 RPL9P31	K02940
ENSG00000239661	5.13E-15	-2.63127	1	1 RP11-78O22.1	-
ENSG00000239664	5.13E-15	-2.63127	1	1 RP5-857K21.3	-
ENSG00000239671	5.13E-15	-2.63127	1	1 CTD-3193K9.1	K02915
ENSG00000239674	5.13E-15	-2.63127	1	1 RP1-127L4.7	-
ENSG00000239677	5.13E-15	-2.63127	1	1 PDZRN3-AS1	-
ENSG00000239679	5.13E-15	-2.63127	1	1 RN7SL193P	-
ENSG00000239683	5.13E-15	-2.63127	1	1 RP11-322E11.1	K02936
ENSG00000239684	5.13E-15	-2.63127	1	1 PTGER4P3	K04261
ENSG00000239686	5.13E-15	-2.63127	1	1 RP11-665C16.1	K02915
ENSG00000239689	5.13E-15	-2.63127	1	1 RPL17P46	K02880
ENSG00000239690	5.13E-15	-2.63127	1	1 RN7SL668P	-
ENSG00000239694	5.13E-15	-2.63127	1	1 CTD-2156G10.1	K02998
ENSG00000239696	5.13E-15	-2.63127	1	1 RP11-397J20.1	K09229
ENSG00000239697	5.13E-15	-2.63127	1	1 TNFSF12	K05474
ENSG00000239699	5.13E-15	-2.63127	1	1 HNRNPA3P8	K12741
ENSG00000239701	5.13E-15	-2.63127	1	1 RP3-461F17.1	-
ENSG00000239702	5.13E-15	-2.63127	1	1 RN7SL507P	-
ENSG00000239703	5.13E-15	-2.63127	1	1 RN7SL568P	-
ENSG00000239705	5.13E-15	-2.63127	1	1 RP11-65N13.8	-
ENSG00000239706	5.13E-15	-2.63127	1	1 RP11-6F2.3	K02832
ENSG00000239708	5.13E-15	-2.63127	1	1 RN7SL782P	-
ENSG00000239710	5.13E-15	-2.63127	1	1 RN7SL692P	-
ENSG00000239713	5.13E-15	-2.63127	1	1 APOBEC3G	K18750
ENSG00000239715	5.13E-15	-2.63127	1	1 AC093627.11	-
ENSG00000239716	5.13E-15	-2.63127	1	1 RP11-290K4.1	-
ENSG00000239718	5.13E-15	-2.63127	1	1 HLTf-AS1	-
ENSG00000239719	5.13E-15	-2.63127	1	1 RP4-800G7.1	K02929
ENSG00000239722	5.13E-15	-2.63127	1	1 IMP3P2	K14560
ENSG00000239726	5.13E-15	-2.63127	1	1 RN7SL688P	-
ENSG00000239732	5.13E-15	-2.63127	1	1 TLR9	K10161
ENSG00000239736	5.13E-15	-2.63127	1	1 CEACAMP3	K09539
ENSG00000239739	5.13E-15	-2.63127	1	1 RP11-373E16.4	-
ENSG00000239742	5.13E-15	-2.63127	1	1 RN7SL672P	-
ENSG00000239744	5.13E-15	-2.63127	1	1 RN7SL63P	-
ENSG00000239745	5.13E-15	-2.63127	1	1 RN7SL790P	-
ENSG00000239748	5.13E-15	-2.63127	1	1 RN7SL795P	-
ENSG00000239767	5.13E-15	-2.63127	1	1 RP11-789F5.1	-
ENSG00000239775	5.13E-15	-2.63127	1	1 AC017116.11	-
ENSG00000239776	5.13E-15	-2.63127	1	1 AC079949.1	-
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ENSG00000239783	5.13E-15	-2.63127	1	1 RP5-1050K3.3	K17620
ENSG00000239792	5.13E-15	-2.63127	1	1 RP11-255N24.1	-
ENSG00000239793	5.13E-15	-2.63127	1	1 RP11-109G23.1	K02971
ENSG00000239794	5.13E-15	-2.63127	1	1 RN7SL653P	-
ENSG00000239797	5.13E-15	-2.63127	1	1 RPL21P39	K02889
ENSG00000239799	5.13E-15	-2.63127	1	1 ITIH4-AS1	-

ENSG00000239801	5.13E-15	-2.63127	1	1 RP11-755B10.2	-
ENSG00000239804	5.13E-15	-2.63127	1	1 RP11-379B18.1	-
ENSG00000239805	5.13E-15	-2.63127	1	1 RP11-252O18.2	K11877
ENSG00000239808	5.13E-15	-2.63127	1	1 RN7SL255P	-
ENSG00000239809	5.13E-15	-2.63127	1	1 RP11-51L5.2	K02943
ENSG00000239810	5.13E-15	-2.63127	1	1 WI2-3308P17.2	-
ENSG00000239819	5.13E-15	-2.63127	1	1 IGKV1D-8	-
ENSG00000239820	5.13E-15	-2.63127	1	1 RN7SL213P	-
ENSG00000239822	5.13E-15	-2.63127	1	1 RN7SL754P	-
ENSG00000239825	5.13E-15	-2.63127	1	1 RN7SL549P	-
ENSG00000239827	5.13E-15	-2.63127	1	1 SUGT1P3	K09228
ENSG00000239829	5.13E-15	-2.63127	1	1 KRT8P25	K07605
ENSG00000239831	5.13E-15	-2.63127	1	1 RNF7P1	K10611
ENSG00000239835	5.13E-15	-2.63127	1	1 RP11-767L7.1	K09650
ENSG00000239839	5.13E-15	-2.63127	1	1 DEFA3	K05230
ENSG00000239840	5.13E-15	-2.63127	1	1 RPL23AP72	K02893
ENSG00000239855	5.13E-15	-2.63127	1	1 IGKV1-6	-
ENSG00000239856	5.13E-15	-2.63127	1	1 RN7SL225P	-
ENSG00000239859	5.13E-15	-2.63127	1	1 RN7SL281P	-
ENSG00000239861	5.13E-15	-2.63127	1	1 RP11-690D19.1	K02889
ENSG00000239862	5.13E-15	-2.63127	1	1 IGKV1-37	-
ENSG00000239870	5.13E-15	-2.63127	1	1 RP11-83M16.1	K02889
ENSG00000239872	5.13E-15	-2.63127	1	1 RPL35AP19	K02917
ENSG00000239873	5.13E-15	-2.63127	1	1 GAPDHP27	K00134
ENSG00000239877	5.13E-15	-2.63127	1	1 IGSF11-AS1	-
ENSG00000239880	5.13E-15	-2.63127	1	1 RP11-420J11.1	K08773
ENSG00000239881	5.13E-15	-2.63127	1	1 RPS27P25	K02978
ENSG00000239886	5.13E-15	-2.63127	1	1 KRTAP9-2	-
ENSG00000239888	5.13E-15	-2.63127	1	1 RN7SL792P	-
ENSG00000239891	5.13E-15	-2.63127	1	1 RN7SL341P	-
ENSG00000239893	5.13E-15	-2.63127	1	1 ZNF736P9Y	K09228
ENSG00000239898	5.13E-15	-2.63127	1	1 RN7SL796P	-
ENSG00000239903	5.13E-15	-2.63127	1	1 RP11-353N4.2	-
ENSG00000239906	5.13E-15	-2.63127	1	1 RP11-34P13.14	-
ENSG00000239910	5.13E-15	-2.63127	1	1 RN7SL530P	-
ENSG00000239917	5.13E-15	-2.63127	1	1 RPS10P16	K02947
ENSG00000239920	5.13E-15	-2.63127	1	1 AC015691.13	-
ENSG00000239921	5.13E-15	-2.63127	1	1 RP11-59J16.1	-
ENSG00000239922	5.13E-15	-2.63127	1	1 RP11-71N10.1	-
ENSG00000239923	5.13E-15	-2.63127	1	1 RN7SL864P	-
ENSG00000239924	5.13E-15	-2.63127	1	1 RPL29P22	K08206
ENSG00000239926	5.13E-15	-2.63127	1	1 PRDX3P4	K03386
ENSG00000239930	5.13E-15	-2.63127	1	1 AP001625.4	-
ENSG00000239932	5.13E-15	-2.63127	1	1 RN7SL606P	-
ENSG00000239939	5.13E-15	-2.63127	1	1 RPSAP34	-
ENSG00000239941	5.13E-15	-2.63127	1	1 RP11-246A10.1	-
ENSG00000239942	5.13E-15	-2.63127	1	1 RN7SL394P	-
ENSG00000239944	5.13E-15	-2.63127	1	1 TRBV8-2	-
ENSG00000239945	5.13E-15	-2.63127	1	1 RP11-34P13.8	-
ENSG00000239946	5.13E-15	-2.63127	1	1 ZBTB20-AS3	-
ENSG00000239951	5.13E-15	-2.63127	1	1 IGKV3-20	-
ENSG00000239953	5.13E-15	-2.63127	1	1 RN7SL273P	-
ENSG00000239955	5.13E-15	-2.63127	1	1 RN7SL673P	-
ENSG00000239958	5.13E-15	-2.63127	1	1 RN7SL51P	-
ENSG00000239959	5.13E-15	-2.63127	1	1 ENPP7P2	K12354
ENSG00000239961	5.13E-15	-2.63127	1	1 LILRA4	K06512
ENSG00000239964	5.13E-15	-2.63127	1	1 RN7SL748P	-
ENSG00000239967	5.13E-15	-2.63127	1	1 OR2A41P	K04257

ENSG00000239969	5.13E-15	-2.63127	1	1 RP11-163E9.2	K09228
ENSG00000239975	5.13E-15	-2.63127	1	1 IGKV1D-33	-
ENSG00000239978	5.13E-15	-2.63127	1	1 OR7E53P	K04257
ENSG00000239981	5.13E-15	-2.63127	1	1 OR2A15P	K04257
ENSG00000239983	5.13E-15	-2.63127	1	1 RP11-79E3.1	K02910
ENSG00000239984	5.13E-15	-2.63127	1	1 RN7SL420P	-
ENSG00000239985	5.13E-15	-2.63127	1	1 RP11-460N20.3	K05357
ENSG00000239986	5.13E-15	-2.63127	1	1 RP11-366N18.2	-
ENSG00000239988	5.13E-15	-2.63127	1	1 RPL31P60	-
ENSG00000239989	5.13E-15	-2.63127	1	1 AC008132.14	K06522
ENSG00000239991	5.13E-15	-2.63127	1	1 RP11-889D3.1	-
ENSG00000239992	5.13E-15	-2.63127	1	1 TRBVA	-
ENSG00000239994	5.13E-15	-2.63127	1	1 RP11-169N13.4	-
ENSG00000239995	5.13E-15	-2.63127	1	1 TPT1P11	-
ENSG00000239997	5.13E-15	-2.63127	1	1 FCF1P3	K14566
ENSG00000239998	5.13E-15	-2.63127	1	1 LILRA2	K06512
ENSG00000240002	5.13E-15	-2.63127	1	1 YBX1P3	K09276
ENSG00000240003	5.13E-15	-2.63127	1	1 RPL7P24	K02937
ENSG00000240012	5.13E-15	-2.63127	1	1 SLC9A9-AS1	-
ENSG00000240014	5.13E-15	-2.63127	1	1 RN7SL254P	-
ENSG00000240015	5.13E-15	-2.63127	1	1 RP11-90P5.5	-
ENSG00000240023	5.13E-15	-2.63127	1	1 RP11-561B11.1	K02941
ENSG00000240024	5.13E-15	-2.63127	1	1 LINC00888	-
ENSG00000240027	5.13E-15	-2.63127	1	1 RP11-415I12.1	K02978
ENSG00000240031	5.13E-15	-2.63127	1	1 OR9A3P	K04257
ENSG00000240033	5.13E-15	-2.63127	1	1 RP11-12K11.2	-
ENSG00000240034	5.13E-15	-2.63127	1	1 MTND6P6	-
ENSG00000240040	5.13E-15	-2.63127	1	1 AC096579.13	-
ENSG00000240041	5.13E-15	-2.63127	1	1 IGHJ4	-
ENSG00000240042	5.13E-15	-2.63127	1	1 AC098789.1	K08955
ENSG00000240043	5.13E-15	-2.63127	1	1 RPS27P26	K02978
ENSG00000240045	5.13E-15	-2.63127	1	1 RP11-451G4.2	-
ENSG00000240047	5.13E-15	-2.63127	1	1 RPS3AP32	K02984
ENSG00000240050	5.13E-15	-2.63127	1	1 RP1-93H18.1	-
ENSG00000240051	5.13E-15	-2.63127	1	1 RPL23AP10	K02893
ENSG00000240052	5.13E-15	-2.63127	1	1 RP11-289K10.1	K02966
ENSG00000240053	5.13E-15	-2.63127	1	1 LY6G5B	K17985
ENSG00000240056	5.13E-15	-2.63127	1	1 RP11-349J5.2	-
ENSG00000240058	5.13E-15	-2.63127	1	1 ARGFXP1	K16467
ENSG00000240063	5.13E-15	-2.63127	1	1 RP11-225N10.1	-
ENSG00000240065	5.13E-15	-2.63127	1	1 PSMB9	K02741
ENSG00000240068	5.13E-15	-2.63127	1	1 RPL21P42	K02889
ENSG00000240069	5.13E-15	-2.63127	1	1 GPAA1P1	K05289
ENSG00000240083	5.13E-15	-2.63127	1	1 RPS3AP22	K02984
ENSG00000240084	5.13E-15	-2.63127	1	1 RP11-12N13.6	K03882
ENSG00000240086	5.13E-15	-2.63127	1	1 RP11-657O9.1	-
ENSG00000240089	5.13E-15	-2.63127	1	1 BMS1P3	K14569
ENSG00000240095	5.13E-15	-2.63127	1	1 RP11-88H10.3	-
ENSG00000240096	5.13E-15	-2.63127	1	1 RP11-85G20.1	K02882
ENSG00000240097	5.13E-15	-2.63127	1	1 RP11-641C17.4	K15031
ENSG00000240098	5.13E-15	-2.63127	1	1 RN7SL351P	-
ENSG00000240100	5.13E-15	-2.63127	1	1 RP11-240G22.1	-
ENSG00000240103	5.13E-15	-2.63127	1	1 RP11-846F4.6	K02256
ENSG00000240107	5.13E-15	-2.63127	1	1 RP11-628J14.1	K06085
ENSG00000240108	5.13E-15	-2.63127	1	1 NCOR1P1	K04650
ENSG00000240116	5.13E-15	-2.63127	1	1 RN7SL303P	-
ENSG00000240121	5.13E-15	-2.63127	1	1 RPS27P20	K02978
ENSG00000240122	5.13E-15	-2.63127	1	1 FABP5P11	K08754

ENSG00000240125	5.13E-15	-2.63127	1	1 RP11-58O9.1	K02893
ENSG00000240128	5.13E-15	-2.63127	1	1 KRT18P43	K07604
ENSG00000240131	5.13E-15	-2.63127	1	1 RP11-124D2.1	K02924
ENSG00000240138	5.13E-15	-2.63127	1	1 EEF1GP4	K03233
ENSG00000240143	5.13E-15	-2.63127	1	1 RP4-753P9.3	-
ENSG00000240151	5.13E-15	-2.63127	1	1 RN7SL826P	-
ENSG00000240152	5.13E-15	-2.63127	1	1 RP11-16N2.1	-
ENSG00000240156	5.13E-15	-2.63127	1	1 COX6CP6	K02268
ENSG00000240159	5.13E-15	-2.63127	1	1 RP11-162O12.1	-
ENSG00000240165	5.13E-15	-2.63127	1	1 RN7SL787P	-
ENSG00000240167	5.13E-15	-2.63127	1	1 RPS7P7	K02993
ENSG00000240173	5.13E-15	-2.63127	1	1 RN7SL771P	-
ENSG00000240174	5.13E-15	-2.63127	1	1 RP11-851M3.1	K02940
ENSG00000240175	5.13E-15	-2.63127	1	1 MAGI1-AS1	-
ENSG00000240179	5.13E-15	-2.63127	1	1 RPL26P3	K02898
ENSG00000240180	5.13E-15	-2.63127	1	1 RP11-318E3.4	K02870
ENSG00000240183	5.13E-15	-2.63127	1	1 RN7SL297P	-
ENSG00000240184	5.13E-15	-2.63127	1	1 PCDHGC3	K16497
ENSG00000240186	5.13E-15	-2.63127	1	1 RN7SL633P	-
ENSG00000240189	5.13E-15	-2.63127	1	1 RN7SL621P	-
ENSG00000240194	5.13E-15	-2.63127	1	1 CYMP	K01378
ENSG00000240197	5.13E-15	-2.63127	1	1 AC010518.3	K06512
ENSG00000240198	5.13E-15	-2.63127	1	1 ARHGEF3-AS1	-
ENSG00000240199	5.13E-15	-2.63127	1	1 RN7SL520P	-
ENSG00000240201	5.13E-15	-2.63127	1	1 RP11-269C4.1	K02991
ENSG00000240202	5.13E-15	-2.63127	1	1 RN7SL223P	-
ENSG00000240203	5.13E-15	-2.63127	1	1 RN7SL567P	-
ENSG00000240205	5.13E-15	-2.63127	1	1 RN7SL865P	-
ENSG00000240210	5.13E-15	-2.63127	1	1 RP11-204K16.1	K02936
ENSG00000240215	5.13E-15	-2.63127	1	1 TRBV25OR9-2	-
ENSG00000240221	5.13E-15	-2.63127	1	1 RN7SL196P	-
ENSG00000240224	5.13E-15	-2.63127	1	1 UGT1A5	K00699
ENSG00000240225	5.13E-15	-2.63127	1	1 ZNF542	K09228
ENSG00000240231	5.13E-15	-2.63127	1	1 RPS27P29	K02978
ENSG00000240235	5.13E-15	-2.63127	1	1 RN7SL794P	-
ENSG00000240236	5.13E-15	-2.63127	1	1 HNRNPA1P23	K12741
ENSG00000240237	5.13E-15	-2.63127	1	1 CTD-2182N23.1	K02889
ENSG00000240238	5.13E-15	-2.63127	1	1 RP11-112N19.2	K02889
ENSG00000240240	5.13E-15	-2.63127	1	1 RP11-146D12.2	K17299
ENSG00000240241	5.13E-15	-2.63127	1	1 RP11-314M24.1	-
ENSG00000240244	5.13E-15	-2.63127	1	1 GAPDHP33	K00134
ENSG00000240246	5.13E-15	-2.63127	1	1 RP11-167H9.1	-
ENSG00000240247	5.13E-15	-2.63127	1	1 DEFA1B	K05230
ENSG00000240250	5.13E-15	-2.63127	1	1 RN7SL541P	-
ENSG00000240253	5.13E-15	-2.63127	1	1 FAR2P3	K16467
ENSG00000240254	5.13E-15	-2.63127	1	1 B4GALT4-AS1	-
ENSG00000240255	5.13E-15	-2.63127	1	1 PSMC1P6	K03062
ENSG00000240257	5.13E-15	-2.63127	1	1 GAGE2D	-
ENSG00000240265	5.13E-15	-2.63127	1	1 RP11-62G11.1	-
ENSG00000240268	5.13E-15	-2.63127	1	1 MOXD2P	-
ENSG00000240270	5.13E-15	-2.63127	1	1 RPL12P37	K02870
ENSG00000240271	5.13E-15	-2.63127	1	1 RP11-200A13.2	K02905
ENSG00000240279	5.13E-15	-2.63127	1	1 AL353997.4	K07604
ENSG00000240281	5.13E-15	-2.63127	1	1 CTD-2062O1.1	K02981
ENSG00000240286	5.13E-15	-2.63127	1	1 MEAF6P1	K11344
ENSG00000240292	5.13E-15	-2.63127	1	1 RP11-298O21.2	-
ENSG00000240294	5.13E-15	-2.63127	1	1 RN7SKP241	-
ENSG00000240296	5.13E-15	-2.63127	1	1 AC010492.5	K08955

ENSG00000240298	5.13E-15	-2.63127	1	1 RPL36AP40	K02929
ENSG00000240299	5.13E-15	-2.63127	1	1 RN7SL187P	-
ENSG00000240302	5.13E-15	-2.63127	1	1 RN7SL717P	-
ENSG00000240306	5.13E-15	-2.63127	1	1 RN7SL100P	-
ENSG00000240309	5.13E-15	-2.63127	1	1 RP11-91A15.1	K02256
ENSG00000240311	5.13E-15	-2.63127	1	1 LA16c-306E5.1	K02883
ENSG00000240317	5.13E-15	-2.63127	1	1 RN7SL764P	-
ENSG00000240320	5.13E-15	-2.63127	1	1 AC006133.3	-
ENSG00000240327	5.13E-15	-2.63127	1	1 RN7SL93P	-
ENSG00000240328	5.13E-15	-2.63127	1	1 RP11-841C19.1	K02915
ENSG00000240341	5.13E-15	-2.63127	1	1 AL162853.1	-
ENSG00000240347	5.13E-15	-2.63127	1	1 RN7SL35P	-
ENSG00000240354	5.13E-15	-2.63127	1	1 RP11-774I5.1	-
ENSG00000240355	5.13E-15	-2.63127	1	1 AC004869.3	-
ENSG00000240359	5.13E-15	-2.63127	1	1 UBL5P3	-
ENSG00000240361	5.13E-15	-2.63127	1	1 OR4G11P	K04257
ENSG00000240370	5.13E-15	-2.63127	1	1 RPL13P5	K02873
ENSG00000240371	5.13E-15	-2.63127	1	1 RPS4XP13	K02987
ENSG00000240374	5.13E-15	-2.63127	1	1 RN7SL503P	-
ENSG00000240375	5.13E-15	-2.63127	1	1 VPS26AP1	K18466
ENSG00000240382	5.13E-15	-2.63127	1	1 IGKV1-17	-
ENSG00000240386	5.13E-15	-2.63127	1	1 LCE1F	-
ENSG00000240388	5.13E-15	-2.63127	1	1 CTD-2061E19.1	K02964
ENSG00000240392	5.13E-15	-2.63127	1	1 RPL9P3	K02940
ENSG00000240393	5.13E-15	-2.63127	1	1 RP11-768G7.1	-
ENSG00000240403	5.13E-15	-2.63127	1	1 KIR3DL2	K07980
ENSG00000240404	5.13E-15	-2.63127	1	1 RP11-142L1.3	K11290
ENSG00000240405	5.13E-15	-2.63127	1	1 RP11-460N16.1	-
ENSG00000240409	5.13E-15	-2.63127	1	1 MTATP8P1	K02125
ENSG00000240411	5.13E-15	-2.63127	1	1 RPL5P16	-
ENSG00000240412	5.13E-15	-2.63127	1	1 RPL5P15	K02932
ENSG00000240416	5.13E-15	-2.63127	1	1 CYCSP20	K08738
ENSG00000240419	5.13E-15	-2.63127	1	1 RP11-545E8.1	-
ENSG00000240423	5.13E-15	-2.63127	1	1 LINC00636	-
ENSG00000240424	5.13E-15	-2.63127	1	1 RP11-158N24.1	K02885
ENSG00000240426	5.13E-15	-2.63127	1	1 RP11-356M17.1	K02929
ENSG00000240427	5.13E-15	-2.63127	1	1 RPS26P34	K02976
ENSG00000240432	5.13E-15	-2.63127	1	1 KRTAP13-3	-
ENSG00000240435	5.13E-15	-2.63127	1	1 RPS12P27	K02951
ENSG00000240438	5.13E-15	-2.63127	1	1 OFD1P5Y	K16480
ENSG00000240439	5.13E-15	-2.63127	1	1 RN7SL91P	-
ENSG00000240440	5.13E-15	-2.63127	1	1 AC007879.3	-
ENSG00000240441	5.13E-15	-2.63127	1	1 RP11-864J10.2	K02880
ENSG00000240443	5.13E-15	-2.63127	1	1 RPS10P20	K02947
ENSG00000240450	5.13E-15	-2.63127	1	1 CSPG4P1Y	-
ENSG00000240452	5.13E-15	-2.63127	1	1 RP11-567P17.1	K02256
ENSG00000240453	5.13E-15	-2.63127	1	1 RP11-206L10.10	-
ENSG00000240454	5.13E-15	-2.63127	1	1 RPL39P26	K02924
ENSG00000240457	5.13E-15	-2.63127	1	1 RN7SL472P	-
ENSG00000240458	5.13E-15	-2.63127	1	1 RP11-450H5.3	K03948
ENSG00000240459	5.13E-15	-2.63127	1	1 RP11-477G18.1	K02951
ENSG00000240466	5.13E-15	-2.63127	1	1 RN7SL331P	-
ENSG00000240470	5.13E-15	-2.63127	1	1 RN7SL346P	-
ENSG00000240471	5.13E-15	-2.63127	1	1 PHBP8	K17080
ENSG00000240474	5.13E-15	-2.63127	1	1 RN7SL116P	-
ENSG00000240477	5.13E-15	-2.63127	1	1 RP11-63E16.1	K03245
ENSG00000240478	5.13E-15	-2.63127	1	1 RP11-416O18.2	-
ENSG00000240480	5.13E-15	-2.63127	1	1 RPL29P2	K02905

ENSG00000240481	5.13E-15	-2.63127	1	1 RN7SL38P	-
ENSG00000240484	5.13E-15	-2.63127	1	1 RP11-386M24.1	K02910
ENSG00000240486	5.13E-15	-2.63127	1	1 RPL23AP54	K02893
ENSG00000240487	5.13E-15	-2.63127	1	1 RP11-553L6.3	-
ENSG00000240490	5.13E-15	-2.63127	1	1 RN7SL277P	-
ENSG00000240494	5.13E-15	-2.63127	1	1 RPS12P28	-
ENSG00000240499	5.13E-15	-2.63127	1	1 RP5-1101C3.1	-
ENSG00000240502	5.13E-15	-2.63127	1	1 RN7SL837P	-
ENSG00000240505	5.13E-15	-2.63127	1	1 TNFRSF13B	K05150
ENSG00000240510	5.13E-15	-2.63127	1	1 AL589765.1	-
ENSG00000240511	5.13E-15	-2.63127	1	1 MED28P2	-
ENSG00000240513	5.13E-15	-2.63127	1	1 RP11-829H16.1	K02901
ENSG00000240518	5.13E-15	-2.63127	1	1 RP11-515C16.1	K02920
ENSG00000240519	5.13E-15	-2.63127	1	1 RP11-384C12.1	K02942
ENSG00000240520	5.13E-15	-2.63127	1	1 UOX	K00365
ENSG00000240521	5.13E-15	-2.63127	1	1 RP11-680B3.2	-
ENSG00000240524	5.13E-15	-2.63127	1	1 RP5-1061H20.3	-
ENSG00000240527	5.13E-15	-2.63127	1	1 RP11-429G19.3	-
ENSG00000240531	5.13E-15	-2.63127	1	1 RPL21P123	K02889
ENSG00000240533	5.13E-15	-2.63127	1	1 RN7SL69P	-
ENSG00000240534	5.13E-15	-2.63127	1	1 RPL34P17	K02915
ENSG00000240535	5.13E-15	-2.63127	1	1 CTD-2313F11.1	-
ENSG00000240540	5.13E-15	-2.63127	1	1 RPL3P9	K02925
ENSG00000240542	5.13E-15	-2.63127	1	1 KRTAP9-1	-
ENSG00000240545	5.13E-15	-2.63127	1	1 RN7SL492P	-
ENSG00000240554	5.13E-15	-2.63127	1	1 RPL7AP58	K02936
ENSG00000240562	5.13E-15	-2.63127	1	1 RP11-59J16.2	-
ENSG00000240563	5.13E-15	-2.63127	1	1 L1TD1	K17985
ENSG00000240566	5.13E-15	-2.63127	1	1 AC010153.3	K09228
ENSG00000240567	5.13E-15	-2.63127	1	1 RP11-3P17.4	-
ENSG00000240568	5.13E-15	-2.63127	1	1 RP11-1008M1.1	-
ENSG00000240572	5.13E-15	-2.63127	1	1 RP11-121C1.1	-
ENSG00000240573	5.13E-15	-2.63127	1	1 RP11-354H21.2	-
ENSG00000240577	5.13E-15	-2.63127	1	1 RN7SL445P	-
ENSG00000240578	5.13E-15	-2.63127	1	1 TRBV22-1	-
ENSG00000240579	5.13E-15	-2.63127	1	1 RP11-20L24.1	K13099
ENSG00000240584	5.13E-15	-2.63127	1	1 RN7SL547P	-
ENSG00000240589	5.13E-15	-2.63127	1	1 RN7SL258P	-
ENSG00000240590	5.13E-15	-2.63127	1	1 RP11-403P13.1	K02998
ENSG00000240596	5.13E-15	-2.63127	1	1 KCNAB1-AS2	-
ENSG00000240601	5.13E-15	-2.63127	1	1 RPL9P15	K02940
ENSG00000240602	5.13E-15	-2.63127	1	1 RP11-64D22.2	K13616
ENSG00000240606	5.13E-15	-2.63127	1	1 RN7SL564P	-
ENSG00000240611	5.13E-15	-2.63127	1	1 CTB-49A3.1	K02934
ENSG00000240613	5.13E-15	-2.63127	1	1 RN7SL98P	-
ENSG00000240618	5.13E-15	-2.63127	1	1 RP11-206L10.5	-
ENSG00000240621	5.13E-15	-2.63127	1	1 OR2AO1P	K04257
ENSG00000240622	5.13E-15	-2.63127	1	1 RPL7P15	K02937
ENSG00000240624	5.13E-15	-2.63127	1	1 RP11-45P15.2	K02880
ENSG00000240625	5.13E-15	-2.63127	1	1 RN7SL403P	-
ENSG00000240626	5.13E-15	-2.63127	1	1 RN7SL150P	-
ENSG00000240627	5.13E-15	-2.63127	1	1 CTD-2312P21.1	K02947
ENSG00000240631	5.13E-15	-2.63127	1	1 RPL30P12	K02908
ENSG00000240632	5.13E-15	-2.63127	1	1 SPATA31D5P	K17556
ENSG00000240637	5.13E-15	-2.63127	1	1 RN7SL808P	-
ENSG00000240639	5.13E-15	-2.63127	1	1 RN7SL666P	-
ENSG00000240641	5.13E-15	-2.63127	1	1 RN7SL580P	-
ENSG00000240647	5.13E-15	-2.63127	1	1 RN7SL305P	-

ENSG00000240651	5.13E-15	-2.63127	1	1 SEPT7P4	K16944
ENSG00000240652	5.13E-15	-2.63127	1	1 RP11-832N8.1	K02943
ENSG00000240654	5.13E-15	-2.63127	1	1 C1QTNF9	-
ENSG00000240661	5.13E-15	-2.63127	1	1 RP11-174O3.3	-
ENSG00000240663	5.13E-15	-2.63127	1	1 RN7SL310P	-
ENSG00000240665	5.13E-15	-2.63127	1	1 LSP1P2	K14957
ENSG00000240666	5.13E-15	-2.63127	1	1 MME-AS1	-
ENSG00000240667	5.13E-15	-2.63127	1	1 AL450992.6	-
ENSG00000240669	5.13E-15	-2.63127	1	1 RP11-555K12.2	K02955
ENSG00000240671	5.13E-15	-2.63127	1	1 IGKV1-8	-
ENSG00000240673	5.13E-15	-2.63127	1	1 AC006539.2	K02995
ENSG00000240674	5.13E-15	-2.63127	1	1 RP11-366M4.1	K02889
ENSG00000240677	5.13E-15	-2.63127	1	1 MYL6P4	K12751
ENSG00000240680	5.13E-15	-2.63127	1	1 AC016831.3	-
ENSG00000240685	5.13E-15	-2.63127	1	1 RP11-286H14.6	-
ENSG00000240692	5.13E-15	-2.63127	1	1 RN7SL538P	-
ENSG00000240698	5.13E-15	-2.63127	1	1 RPS2P39	K02981
ENSG00000240704	5.13E-15	-2.63127	1	1 KLF7P1	K09207
ENSG00000240707	5.13E-15	-2.63127	1	1 LINC01168	-
ENSG00000240708	5.13E-15	-2.63127	1	1 RP11-64C1.1	-
ENSG00000240713	5.13E-15	-2.63127	1	1 RN7SL860P	-
ENSG00000240721	5.13E-15	-2.63127	1	1 RPS4XP15	K02987
ENSG00000240729	5.13E-15	-2.63127	1	1 CTD-2301A4.3	K02889
ENSG00000240730	5.13E-15	-2.63127	1	1 RN7SL710P	-
ENSG00000240733	5.13E-15	-2.63127	1	1 RN7SL502P	-
ENSG00000240738	5.13E-15	-2.63127	1	1 RP1-273G13.1	K02934
ENSG00000240747	5.13E-15	-2.63127	1	1 KRBOX1	K09228
ENSG00000240750	5.13E-15	-2.63127	1	1 RN7SL559P	-
ENSG00000240752	5.13E-15	-2.63127	1	1 RP11-588D3.1	-
ENSG00000240754	5.13E-15	-2.63127	1	1 RP11-38J22.6	-
ENSG00000240755	5.13E-15	-2.63127	1	1 ERLEC1P1	-
ENSG00000240759	5.13E-15	-2.63127	1	1 RP11-25I15.1	K02978
ENSG00000240760	5.13E-15	-2.63127	1	1 RPL31P56	K02910
ENSG00000240761	5.13E-15	-2.63127	1	1 AC098831.4	K11001
ENSG00000240764	5.13E-15	-2.63127	1	1 PCDHGC5	K16497
ENSG00000240766	5.13E-15	-2.63127	1	1 PLCXD2-AS1	-
ENSG00000240767	5.13E-15	-2.63127	1	1 RN7SL288P	-
ENSG00000240770	5.13E-15	-2.63127	1	1 C21orf91-OT1	-
ENSG00000240772	5.13E-15	-2.63127	1	1 RN7SL776P	-
ENSG00000240774	5.13E-15	-2.63127	1	1 RP11-359H3.4	-
ENSG00000240776	5.13E-15	-2.63127	1	1 RP11-435F17.1	K02947
ENSG00000240777	5.13E-15	-2.63127	1	1 RP11-58O15.1	-
ENSG00000240785	5.13E-15	-2.63127	1	1 RPL36AP21	K02929
ENSG00000240787	5.13E-15	-2.63127	1	1 RP11-615J4.4	K06531
ENSG00000240790	5.13E-15	-2.63127	1	1 AC073934.6	-
ENSG00000240791	5.13E-15	-2.63127	1	1 RP11-100G15.5	-
ENSG00000240792	5.13E-15	-2.63127	1	1 RP11-418B12.1	-
ENSG00000240796	5.13E-15	-2.63127	1	1 MTND2P14	-
ENSG00000240800	5.13E-15	-2.63127	1	1 ATP8A2P1	K14802
ENSG00000240801	5.13E-15	-2.63127	1	1 AC132217.4	-
ENSG00000240803	5.13E-15	-2.63127	1	1 RN7SL231P	-
ENSG00000240804	5.13E-15	-2.63127	1	1 NPM1P28	K11276
ENSG00000240808	5.13E-15	-2.63127	1	1 CTD-3236F5.1	K02915
ENSG00000240809	5.13E-15	-2.63127	1	1 RP11-550F7.1	K17261
ENSG00000240813	5.13E-15	-2.63127	1	1 RP11-963H4.2	-
ENSG00000240820	5.13E-15	-2.63127	1	1 RN7SL695P	-
ENSG00000240821	5.13E-15	-2.63127	1	1 RPL9P25	K02940
ENSG00000240824	5.13E-15	-2.63127	1	1 MTND3P7	-

ENSG00000240827	5.13E-15	-2.63127	1	1 RP11-227H4.1	—
ENSG00000240828	5.13E-15	-2.63127	1	1 RPL21P4	K02889
ENSG00000240834	5.13E-15	-2.63127	1	1 IGKV1D-12	—
ENSG00000240837	5.13E-15	-2.63127	1	1 RN7SL77P	—
ENSG00000240842	5.13E-15	-2.63127	1	1 RP11-62G11.2	—
ENSG00000240846	5.13E-15	-2.63127	1	1 RPS15P9	K02958
ENSG00000240847	5.13E-15	-2.63127	1	1 RN7SL497P	—
ENSG00000240853	5.13E-15	-2.63127	1	1 RN7SL328P	—
ENSG00000240854	5.13E-15	-2.63127	1	1 RP11-64K7.1	K03061
ENSG00000240859	5.13E-15	-2.63127	1	1 AC093627.10	—
ENSG00000240861	5.13E-15	-2.63127	1	1 RP11-572F4.1	K02947
ENSG00000240863	5.13E-15	-2.63127	1	1 RN7SL645P	—
ENSG00000240864	5.13E-15	-2.63127	1	1 IGKV1-16	—
ENSG00000240868	5.13E-15	-2.63127	1	1 C1QTNF9-AS1	—
ENSG00000240869	5.13E-15	-2.63127	1	1 RN7SL128P	—
ENSG00000240870	5.13E-15	-2.63127	1	1 RPL19P14	K02885
ENSG00000240871	5.13E-15	-2.63127	1	1 KRTAP4-7	—
ENSG00000240873	5.13E-15	-2.63127	1	1 RPS29P22	K02980
ENSG00000240874	5.13E-15	-2.63127	1	1 CTD-2515H24.1	K02953
ENSG00000240881	5.13E-15	-2.63127	1	1 RP11-713P14.1	K02981
ENSG00000240888	5.13E-15	-2.63127	1	1 RP13-635I23.3	—
ENSG00000240890	5.13E-15	-2.63127	1	1 RP11-65E22.2	—
ENSG00000240893	5.13E-15	-2.63127	1	1 RP11-572C15.5	—
ENSG00000240895	5.13E-15	-2.63127	1	1 RP11-119D18.1	—
ENSG00000240902	5.13E-15	-2.63127	1	1 APOOP2	—
ENSG00000240907	5.13E-15	-2.63127	1	1 BX255923.3	—
ENSG00000240912	5.13E-15	-2.63127	1	1 RP11-274J15.2	K11252
ENSG00000240913	5.13E-15	-2.63127	1	1 RN7SL856P	—
ENSG00000240914	5.13E-15	-2.63127	1	1 RPL15P2	K02877
ENSG00000240919	5.13E-15	-2.63127	1	1 RP11-400K9.1	K02889
ENSG00000240922	5.13E-15	-2.63127	1	1 LSAMP-AS1	—
ENSG00000240925	5.13E-15	-2.63127	1	1 RPS20P31	K02969
ENSG00000240927	5.13E-15	-2.63127	1	1 RN7SL209P	—
ENSG00000240929	5.13E-15	-2.63127	1	1 HIST2H2BB	K11252
ENSG00000240934	5.13E-15	-2.63127	1	1 RP11-925D8.1	K02903
ENSG00000240935	5.13E-15	-2.63127	1	1 PLGLA	K01315
ENSG00000240936	5.13E-15	-2.63127	1	1 RN7SL554P	—
ENSG00000240940	5.13E-15	-2.63127	1	1 RN7SL591P	—
ENSG00000240951	5.13E-15	-2.63127	1	1 RP11-91A15.2	—
ENSG00000240954	5.13E-15	-2.63127	1	1 RPL4P1	K02930
ENSG00000240959	5.13E-15	-2.63127	1	1 ST13P14	K09560
ENSG00000240960	5.13E-15	-2.63127	1	1 RP11-521D12.4	—
ENSG00000240961	5.13E-15	-2.63127	1	1 RN7SL415P	—
ENSG00000240963	5.13E-15	-2.63127	1	1 RP11-518L10.5	—
ENSG00000240970	5.13E-15	-2.63127	1	1 RPL23AP64	K02893
ENSG00000240973	5.13E-15	-2.63127	1	1 RP11-458K10.2	—
ENSG00000240977	5.13E-15	-2.63127	1	1 RN7SL283P	—
ENSG00000240979	5.13E-15	-2.63127	1	1 RP11-79D8.2	—
ENSG00000240980	5.13E-15	-2.63127	1	1 RP11-734K21.4	—
ENSG00000240983	5.13E-15	-2.63127	1	1 RP11-742D12.1	K02971
ENSG00000240992	5.13E-15	-2.63127	1	1 RPS23P4	—
ENSG00000240993	5.13E-15	-2.63127	1	1 RN7SL459P	—
ENSG00000240994	5.13E-15	-2.63127	1	1 RN7SL61P	—
ENSG00000240995	5.13E-15	-2.63127	1	1 RP11-708H21.1	K02947
ENSG00000240997	5.13E-15	-2.63127	1	1 RN7SL183P	—
ENSG00000241002	5.13E-15	-2.63127	1	1 RP11-119H12.1	K02912
ENSG00000241003	5.13E-15	-2.63127	1	1 RP11-22C11.1	K02957
ENSG00000241008	5.13E-15	-2.63127	1	1 RP11-494M8.1	K02936

ENSG00000241018	5.13E-15	-2.63127	1	1 RCC2P5	—
ENSG00000241020	5.13E-15	-2.63127	1	1 RP11-727A23.1	K02912
ENSG00000241022	5.13E-15	-2.63127	1	1 NIPA2P2	—
ENSG00000241032	5.13E-15	-2.63127	1	1 RN7SL709P	—
ENSG00000241034	5.13E-15	-2.63127	1	1 RN7SL545P	—
ENSG00000241037	5.13E-15	-2.63127	1	1 RN7SL335P	—
ENSG00000241042	5.13E-15	-2.63127	1	1 RP11-145M4.1	—
ENSG00000241045	5.13E-15	-2.63127	1	1 RPL7P43	K02937
ENSG00000241048	5.13E-15	-2.63127	1	1 RP11-167H9.5	—
ENSG00000241052	5.13E-15	-2.63127	1	1 RP11-173D9.1	K02893
ENSG00000241054	5.13E-15	-2.63127	1	1 RP5-1002M8.4	—
ENSG00000241059	5.13E-15	-2.63127	1	1 CTD-2061E19.6	—
ENSG00000241061	5.13E-15	-2.63127	1	1 RPL5P1	K02932
ENSG00000241064	5.13E-15	-2.63127	1	1 RN7SL110P	—
ENSG00000241067	5.13E-15	-2.63127	1	1 RPL17P40	K02880
ENSG00000241069	5.13E-15	-2.63127	1	1 CTD-3141N22.1	K02924
ENSG00000241073	5.13E-15	-2.63127	1	1 RP4-714D9.2	—
ENSG00000241074	5.13E-15	-2.63127	1	1 RN7SL813P	—
ENSG00000241075	5.13E-15	-2.63127	1	1 RN7SL719P	—
ENSG00000241082	5.13E-15	-2.63127	1	1 RN7SL259P	—
ENSG00000241088	5.13E-15	-2.63127	1	1 RPL17P44	K02880
ENSG00000241097	5.13E-15	-2.63127	1	1 RP11-864N7.1	K02929
ENSG00000241098	5.13E-15	-2.63127	1	1 RP11-139K4.1	—
ENSG00000241101	5.13E-15	-2.63127	1	1 PRICKLE2-AS2	—
ENSG00000241102	5.13E-15	-2.63127	1	1 RP11-286H14.2	—
ENSG00000241103	5.13E-15	-2.63127	1	1 RP11-398J16.1	K02917
ENSG00000241105	5.13E-15	-2.63127	1	1 RP11-333A23.2	K02873
ENSG00000241106	5.13E-15	-2.63127	1	1 HLA-DOB	K06752
ENSG00000241112	5.13E-15	-2.63127	1	1 RPL29P14	K02905
ENSG00000241114	5.13E-15	-2.63127	1	1 AC008280.3	K02976
ENSG00000241119	5.13E-15	-2.63127	1	1 UGT1A9	K00699
ENSG00000241123	5.13E-15	-2.63127	1	1 KRTAP10-5	—
ENSG00000241125	5.13E-15	-2.63127	1	1 RP11-508N22.9	—
ENSG00000241128	5.13E-15	-2.63127	1	1 OR14A2	K04257
ENSG00000241129	5.13E-15	-2.63127	1	1 RPL22P19	K02891
ENSG00000241130	5.13E-15	-2.63127	1	1 RP11-507J18.1	—
ENSG00000241131	5.13E-15	-2.63127	1	1 RP11-639B1.1	—
ENSG00000241134	5.13E-15	-2.63127	1	1 RP5-1051J4.4	K08504
ENSG00000241135	5.13E-15	-2.63127	1	1 LINC00881	—
ENSG00000241136	5.13E-15	-2.63127	1	1 PAICSP6	K01587
ENSG00000241143	5.13E-15	-2.63127	1	1 RPL32P9	K02912
ENSG00000241144	5.13E-15	-2.63127	1	1 RN7SL728P	—
ENSG00000241149	5.13E-15	-2.63127	1	1 RP11-561N12.2	K09228
ENSG00000241151	5.13E-15	-2.63127	1	1 RP11-454C18.1	—
ENSG00000241152	5.13E-15	-2.63127	1	1 RN7SL720P	—
ENSG00000241155	5.13E-15	-2.63127	1	1 ARHGAP31-AS1	—
ENSG00000241156	5.13E-15	-2.63127	1	1 RN7SL582P	—
ENSG00000241158	5.13E-15	-2.63127	1	1 ADAMTS9-AS1	—
ENSG00000241159	5.13E-15	-2.63127	1	1 RN7SL160P	—
ENSG00000241162	5.13E-15	-2.63127	1	1 RN7SL617P	—
ENSG00000241163	5.13E-15	-2.63127	1	1 LINC00877	—
ENSG00000241167	5.13E-15	-2.63127	1	1 RN7SL469P	—
ENSG00000241168	5.13E-15	-2.63127	1	1 RP11-10022.1	—
ENSG00000241169	5.13E-15	-2.63127	1	1 RP4-752I6.1	—
ENSG00000241172	5.13E-15	-2.63127	1	1 RN7SL70P	—
ENSG00000241174	5.13E-15	-2.63127	1	1 RN7SL570P	—
ENSG00000241175	5.13E-15	-2.63127	1	1 RN7SL494P	—
ENSG00000241179	5.13E-15	-2.63127	1	1 CTB-2L9.1	K02915

ENSG00000241183	5.13E-15	-2.63127	1	1 RP11-106J23.1	K02947
ENSG00000241185	5.13E-15	-2.63127	1	1 RPL21P122	K04613
ENSG00000241186	5.13E-15	-2.63127	1	1 TDGF1	-
ENSG00000241187	5.13E-15	-2.63127	1	1 CTC-209L16.1	K02889
ENSG00000241188	5.13E-15	-2.63127	1	1 RN7SL165P	-
ENSG00000241198	5.13E-15	-2.63127	1	1 RN7SL191P	-
ENSG00000241200	5.13E-15	-2.63127	1	1 ZNF736P7Y	K09228
ENSG00000241202	5.13E-15	-2.63127	1	1 ZIC4-AS1	-
ENSG00000241203	5.13E-15	-2.63127	1	1 HMGN2P26	-
ENSG00000241204	5.13E-15	-2.63127	1	1 RP11-333A23.1	K02964
ENSG00000241207	5.13E-15	-2.63127	1	1 RP11-344N17.3	K15625
ENSG00000241211	5.13E-15	-2.63127	1	1 IQCJ-SCHIP1-AS1	-
ENSG00000241213	5.13E-15	-2.63127	1	1 RP11-768G7.2	-
ENSG00000241216	5.13E-15	-2.63127	1	1 SNAPC5P1	K15211
ENSG00000241219	5.13E-15	-2.63127	1	1 RP11-572M11.1	-
ENSG00000241220	5.13E-15	-2.63127	1	1 RP11-292E.2.1	-
ENSG00000241221	5.13E-15	-2.63127	1	1 AC009960.6	-
ENSG00000241223	5.13E-15	-2.63127	1	1 RN7SL39P	-
ENSG00000241224	5.13E-15	-2.63127	1	1 RP11-59E19.1	-
ENSG00000241225	5.13E-15	-2.63127	1	1 TRNAS30P	-
ENSG00000241226	5.13E-15	-2.63127	1	1 RN7SL836P	-
ENSG00000241227	5.13E-15	-2.63127	1	1 RN7SL553P	-
ENSG00000241228	5.13E-15	-2.63127	1	1 RP5-916O11.1	K02870
ENSG00000241229	5.13E-15	-2.63127	1	1 RN7SL443P	-
ENSG00000241230	5.13E-15	-2.63127	1	1 RN7SL801P	-
ENSG00000241231	5.13E-15	-2.63127	1	1 RP11-275H4.1	-
ENSG00000241233	5.13E-15	-2.63127	1	1 KRTAP5-8	-
ENSG00000241241	5.13E-15	-2.63127	1	1 KRTAP4-16P	-
ENSG00000241243	5.13E-15	-2.63127	1	1 RN7SL629P	-
ENSG00000241244	5.13E-15	-2.63127	1	1 IGKV1D-16	-
ENSG00000241246	5.13E-15	-2.63127	1	1 RN7SL302P	-
ENSG00000241248	5.13E-15	-2.63127	1	1 RN7SL727P	-
ENSG00000241250	5.13E-15	-2.63127	1	1 RPL17P20	K02880
ENSG00000241251	5.13E-15	-2.63127	1	1 RP11-73B8.1	K02889
ENSG00000241254	5.13E-15	-2.63127	1	1 AC092669.2	-
ENSG00000241257	5.13E-15	-2.63127	1	1 RP11-397K18.1	K02920
ENSG00000241261	5.13E-15	-2.63127	1	1 RPL17P19	-
ENSG00000241266	5.13E-15	-2.63127	1	1 RN7SL82P	-
ENSG00000241273	5.13E-15	-2.63127	1	1 RN7SL238P	-
ENSG00000241280	5.13E-15	-2.63127	1	1 RP11-221J22.2	-
ENSG00000241281	5.13E-15	-2.63127	1	1 RP11-364M6.1	K02910
ENSG00000241282	5.13E-15	-2.63127	1	1 RPL34P33	K02915
ENSG00000241286	5.13E-15	-2.63127	1	1 RPL29P25	K02905
ENSG00000241287	5.13E-15	-2.63127	1	1 XXbac-BPG254F23.	-
ENSG00000241291	5.13E-15	-2.63127	1	1 RN7SL791P	-
ENSG00000241294	5.13E-15	-2.63127	1	1 IGKV2-24	-
ENSG00000241295	5.13E-15	-2.63127	1	1 ZBTB20-AS2	-
ENSG00000241305	5.13E-15	-2.63127	1	1 ACTG1P13	-
ENSG00000241307	5.13E-15	-2.63127	1	1 RP11-674E16.1	-
ENSG00000241317	5.13E-15	-2.63127	1	1 RP11-342M3.1	-
ENSG00000241318	5.13E-15	-2.63127	1	1 RP11-47K11.2	K14962
ENSG00000241319	5.13E-15	-2.63127	1	1 SETP6	K11290
ENSG00000241324	5.13E-15	-2.63127	1	1 RP5-921G16.2	-
ENSG00000241326	5.13E-15	-2.63127	1	1 RP11-807G9.2	-
ENSG00000241328	5.13E-15	-2.63127	1	1 RP11-331K15.1	-
ENSG00000241333	5.13E-15	-2.63127	1	1 RN7SL385P	-
ENSG00000241334	5.13E-15	-2.63127	1	1 RPL35AP33	K02917
ENSG00000241336	5.13E-15	-2.63127	1	1 RP11-451G4.1	-

ENSG00000241341	5.13E-15	-2.63127	1	1 RP11-395E19.2	-
ENSG00000241344	5.13E-15	-2.63127	1	1 RPL21P47	-
ENSG00000241345	5.13E-15	-2.63127	1	1 RP4-630C24.3	-
ENSG00000241346	5.13E-15	-2.63127	1	1 RP11-379B18.3	K11095
ENSG00000241347	5.13E-15	-2.63127	1	1 RN7SL466P	-
ENSG00000241350	5.13E-15	-2.63127	1	1 PMS2P11	K10858
ENSG00000241351	5.13E-15	-2.63127	1	1 IGKV3-11	-
ENSG00000241353	5.13E-15	-2.63127	1	1 PPP1R2P4	K16833
ENSG00000241354	5.13E-15	-2.63127	1	1 RP11-1042B17.2	K02957
ENSG00000241356	5.13E-15	-2.63127	1	1 OR5G3	K04257
ENSG00000241357	5.13E-15	-2.63127	1	1 RP11-758P17.2	-
ENSG00000241358	5.13E-15	-2.63127	1	1 RP11-758I14.3	-
ENSG00000241359	5.13E-15	-2.63127	1	1 SYNPR-AS1	-
ENSG00000241367	5.13E-15	-2.63127	1	1 RPL7AP23	K02936
ENSG00000241370	5.13E-15	-2.63127	1	1 RPP21	K03540
ENSG00000241383	5.13E-15	-2.63127	1	1 RP11-152C17.1	-
ENSG00000241385	5.13E-15	-2.63127	1	1 RP11-25D10.1	K02883
ENSG00000241388	5.13E-15	-2.63127	1	1 HNF1A-AS1	-
ENSG00000241391	5.13E-15	-2.63127	1	1 RN7SL234P	-
ENSG00000241392	5.13E-15	-2.63127	1	1 RN7SL205P	-
ENSG00000241395	5.13E-15	-2.63127	1	1 RN7SL344P	-
ENSG00000241397	5.13E-15	-2.63127	1	1 LINC00903	-
ENSG00000241399	5.13E-15	-2.63127	1	1 CD302	K06722
ENSG00000241400	5.13E-15	-2.63127	1	1 RP11-764I5.1	-
ENSG00000241404	5.13E-15	-2.63127	1	1 EGFL8	K01074
ENSG00000241406	5.13E-15	-2.63127	1	1 RN7SL515P	-
ENSG00000241409	5.13E-15	-2.63127	1	1 AC064852.4	-
ENSG00000241411	5.13E-15	-2.63127	1	1 RP11-192C21.1	K02981
ENSG00000241420	5.13E-15	-2.63127	1	1 RN7SL505P	-
ENSG00000241423	5.13E-15	-2.63127	1	1 RPL21P103	K02889
ENSG00000241429	5.13E-15	-2.63127	1	1 EEF1A1P25	K03231
ENSG00000241431	5.13E-15	-2.63127	1	1 RP11-17A4.1	K02922
ENSG00000241434	5.13E-15	-2.63127	1	1 CTD-2224J9.4	K02924
ENSG00000241438	5.13E-15	-2.63127	1	1 TDGF1P6	-
ENSG00000241439	5.13E-15	-2.63127	1	1 RP11-666A20.3	-
ENSG00000241449	5.13E-15	-2.63127	1	1 RP11-545G3.1	-
ENSG00000241451	5.13E-15	-2.63127	1	1 RPS27P22	K02978
ENSG00000241457	5.13E-15	-2.63127	1	1 PLSCR5-AS1	-
ENSG00000241459	5.13E-15	-2.63127	1	1 RN7SL185P	-
ENSG00000241461	5.13E-15	-2.63127	1	1 RN7SL182P	-
ENSG00000241462	5.13E-15	-2.63127	1	1 RP11-579O24.1	K02951
ENSG00000241465	5.13E-15	-2.63127	1	1 GAGE12I	-
ENSG00000241469	5.13E-15	-2.63127	1	1 LINC00635	-
ENSG00000241472	5.13E-15	-2.63127	1	1 PTPRG-AS1	-
ENSG00000241473	5.13E-15	-2.63127	1	1 RP11-259P15.3	K05692
ENSG00000241478	5.13E-15	-2.63127	1	1 HSPA8P9	K03283
ENSG00000241479	5.13E-15	-2.63127	1	1 RP11-641D5.2	-
ENSG00000241481	5.13E-15	-2.63127	1	1 AC159540.2	-
ENSG00000241487	5.13E-15	-2.63127	1	1 RN7SL586P	-
ENSG00000241490	5.13E-15	-2.63127	1	1 RP11-553L6.2	-
ENSG00000241493	5.13E-15	-2.63127	1	1 RP11-274B21.5	K14568
ENSG00000241499	5.13E-15	-2.63127	1	1 RP11-85G20.2	K02929
ENSG00000241500	5.13E-15	-2.63127	1	1 RN7SL256P	-
ENSG00000241505	5.13E-15	-2.63127	1	1 RP11-161I10.1	-
ENSG00000241511	5.13E-15	-2.63127	1	1 RPS15AP24	K02957
ENSG00000241524	5.13E-15	-2.63127	1	1 RN7SL632P	-
ENSG00000241525	5.13E-15	-2.63127	1	1 AC108004.3	-
ENSG00000241526	5.13E-15	-2.63127	1	1 RP11-144C9.1	K00134

ENSG00000241529	5.13E-15	-2.63127	1	1 RN7SL767P	-
ENSG00000241532	5.13E-15	-2.63127	1	1 AGGF1P3	-
ENSG00000241536	5.13E-15	-2.63127	1	1 RP11-381G8.1	K03094
ENSG00000241537	5.13E-15	-2.63127	1	1 RP11-624D20.1	K12842
ENSG00000241539	5.13E-15	-2.63127	1	1 RP11-740N7.4	-
ENSG00000241542	5.13E-15	-2.63127	1	1 RN7SL369P	-
ENSG00000241546	5.13E-15	-2.63127	1	1 RP11-767L7.2	K00861
ENSG00000241550	5.13E-15	-2.63127	1	1 RN7SL41P	-
ENSG00000241552	5.13E-15	-2.63127	1	1 RN7SL58P	-
ENSG00000241560	5.13E-15	-2.63127	1	1 ZBTB20-AS1	-
ENSG00000241562	5.13E-15	-2.63127	1	1 RPL7P5	K02937
ENSG00000241566	5.13E-15	-2.63127	1	1 IGKV2D-24	-
ENSG00000241571	5.13E-15	-2.63127	1	1 ATP5A1P7	K02132
ENSG00000241572	5.13E-15	-2.63127	1	1 PRICKLE2-AS1	-
ENSG00000241573	5.13E-15	-2.63127	1	1 RP11-286H14.1	K09228
ENSG00000241577	5.13E-15	-2.63127	1	1 RP11-523O18.7	-
ENSG00000241582	5.13E-15	-2.63127	1	1 RP11-434O22.2	K02893
ENSG00000241587	5.13E-15	-2.63127	1	1 RN7SL482P	-
ENSG00000241588	5.13E-15	-2.63127	1	1 RN7SL484P	-
ENSG00000241590	5.13E-15	-2.63127	1	1 RPL17P37	K02880
ENSG00000241592	5.13E-15	-2.63127	1	1 RP11-372E1.7	-
ENSG00000241595	5.13E-15	-2.63127	1	1 KRTAP9-4	-
ENSG00000241596	5.13E-15	-2.63127	1	1 RP11-326J18.1	-
ENSG00000241597	5.13E-15	-2.63127	1	1 CTD-2007H13.1	-
ENSG00000241598	5.13E-15	-2.63127	1	1 KRTAP5-4	-
ENSG00000241599	5.13E-15	-2.63127	1	1 RP11-34P13.9	-
ENSG00000241604	5.13E-15	-2.63127	1	1 RN7SL340P	-
ENSG00000241607	5.13E-15	-2.63127	1	1 RP11-357K9.2	K00522
ENSG00000241612	5.13E-15	-2.63127	1	1 RP13-585F24.1	K02889
ENSG00000241613	5.13E-15	-2.63127	1	1 RN7SL618P	-
ENSG00000241621	5.13E-15	-2.63127	1	1 GOLGA2P6	K10595
ENSG00000241622	5.13E-15	-2.63127	1	1 RARRES2P1	K10044
ENSG00000241625	5.13E-15	-2.63127	1	1 RN7SL18P	-
ENSG00000241636	5.13E-15	-2.63127	1	1 RP11-71H9.2	-
ENSG00000241640	5.13E-15	-2.63127	1	1 RP11-59H7.1	K02889
ENSG00000241644	5.13E-15	-2.63127	1	1 INMT	K00562
ENSG00000241648	5.13E-15	-2.63127	1	1 CADM2-AS2	-
ENSG00000241651	5.13E-15	-2.63127	1	1 RP11-214O14.1	K02877
ENSG00000241652	5.13E-15	-2.63127	1	1 RN7SL253P	-
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ENSG00000241656	5.13E-15	-2.63127	1	1 UBA52P7	K02927
ENSG00000241657	5.13E-15	-2.63127	1	1 TRBV11-2	-
ENSG00000241661	5.13E-15	-2.63127	1	1 PPP1R2P6	K16833
ENSG00000241665	5.13E-15	-2.63127	1	1 RN7SL418P	-
ENSG00000241666	5.13E-15	-2.63127	1	1 RP3-455J7.4	-
ENSG00000241667	5.13E-15	-2.63127	1	1 RP11-444P10.1	-
ENSG00000241668	5.13E-15	-2.63127	1	1 RPL19P11	K02885
ENSG00000241669	5.13E-15	-2.63127	1	1 RP11-576M8.2	-
ENSG00000241670	5.13E-15	-2.63127	1	1 AP006222.1	K02893
ENSG00000241673	5.13E-15	-2.63127	1	1 RPS27P12	K02978
ENSG00000241678	5.13E-15	-2.63127	1	1 RP11-732A19.1	K02889
ENSG00000241679	5.13E-15	-2.63127	1	1 RP11-80H8.4	-
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ENSG00000241684	5.13E-15	-2.63127	1	1 ADAMTS9-AS2	-
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ENSG00000241695	5.13E-15	-2.63127	1	1 GM2AP1	K12383
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ENSG00000241709	5.13E-15	-2.63127	1	1 RN7SL265P	-
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ENSG00000241721	5.13E-15	-2.63127	1	1 SUMO1P1	K12160
ENSG00000241722	5.13E-15	-2.63127	1	1 RP11-255I10.1	K02929
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ENSG00000241728	5.13E-15	-2.63127	1	1 AP001062.8	-
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ENSG00000241737	5.13E-15	-2.63127	1	1 FAM90A23P	-
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ENSG00000241743	5.13E-15	-2.63127	1	1 RP5-964N17.1	-
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ENSG00000241746	5.13E-15	-2.63127	1	1 RP11-941H19.1	K02872
ENSG00000241749	5.13E-15	-2.63127	1	1 RPSAP52	K02998
ENSG00000241754	5.13E-15	-2.63127	1	1 RP11-280H21.1	-
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ENSG00000241756	5.13E-15	-2.63127	1	1 RN7SL83P	-
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ENSG00000241767	5.13E-15	-2.63127	1	1 RP11-71H9.1	-
ENSG00000241774	5.13E-15	-2.63127	1	1 RN7SL438P	-
ENSG00000241776	5.13E-15	-2.63127	1	1 RP11-651J20.1	-
ENSG00000241777	5.13E-15	-2.63127	1	1 RP11-148O7.2	-
ENSG00000241778	5.13E-15	-2.63127	1	1 AC005077.9	-
ENSG00000241785	5.13E-15	-2.63127	1	1 RN7SL390P	-
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ENSG00000241788	5.13E-15	-2.63127	1	1 COX6B1P2	-
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ENSG00000241790	5.13E-15	-2.63127	1	1 ENO1P4	K01689
ENSG00000241791	5.13E-15	-2.63127	1	1 RN7SL817P	-
ENSG00000241792	5.13E-15	-2.63127	1	1 RP11-501O2.1	-
ENSG00000241794	5.13E-15	-2.63127	1	1 SPRR2A	-
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ENSG00000241807	5.13E-15	-2.63127	1	1 RN7SL319P	-
ENSG00000241808	5.13E-15	-2.63127	1	1 RPS15AP34	-
ENSG00000241809	5.13E-15	-2.63127	1	1 CTD-2207L17.1	K02880
ENSG00000241810	5.13E-15	-2.63127	1	1 HMGN2P13	K11300
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ENSG00000241821	5.13E-15	-2.63127	1	1 RN7SL170P	-
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ENSG00000241828	5.13E-15	-2.63127	1	1 RP11-277J24.1	-
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ENSG00000241832	5.13E-15	-2.63127	1	1 CECR3	-
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ENSG00000241840	5.13E-15	-2.63127	1	1 RN7SL194P	-
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ENSG00000241847	5.13E-15	-2.63127	1	1 VDACP8	K05862
ENSG00000241850	5.13E-15	-2.63127	1	1 GSTTP1	K00799
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ENSG00000241859	5.13E-15	-2.63127	1	1 KALP	-
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ENSG00000241861	5.13E-15	-2.63127	1	1 GAPDHP50	-
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ENSG00000241868	5.13E-15	-2.63127	1	1 RN7SL434P	-
ENSG00000241869	5.13E-15	-2.63127	1	1 RN7SL363P	-
ENSG00000241870	5.13E-15	-2.63127	1	1 CTB-14A14.1	-

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ENSG00000241881	5.13E-15	-2.63127	1	1 U66059.58	-
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ENSG00000241884	5.13E-15	-2.63127	1	1 RP11-85I21.1	-
ENSG00000241886	5.13E-15	-2.63127	1	1 RP11-242C19.2	-
ENSG00000241888	5.13E-15	-2.63127	1	1 RPSAP37	K02998
ENSG00000241891	5.13E-15	-2.63127	1	1 RP11-226P1.1	-
ENSG00000241899	5.13E-15	-2.63127	1	1 TPT1P3	-
ENSG00000241905	5.13E-15	-2.63127	1	1 RP11-305O4.1	-
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ENSG00000241911	5.13E-15	-2.63127	1	1 TRBVB	-
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ENSG00000241913	5.13E-15	-2.63127	1	1 RP5-1073F15.1	-
ENSG00000241917	5.13E-15	-2.63127	1	1 RP11-512N21.1	-
ENSG00000241921	5.13E-15	-2.63127	1	1 AC000370.2	-
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ENSG00000241926	5.13E-15	-2.63127	1	1 RP5-1154E9.7	-
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ENSG00000241939	5.13E-15	-2.63127	1	1 RN7SL517P	-
ENSG00000241941	5.13E-15	-2.63127	1	1 RPL32P26	K02912
ENSG00000241942	5.13E-15	-2.63127	1	1 RPS20P20	-
ENSG00000241943	5.13E-15	-2.63127	1	1 RN7SL188P	-
ENSG00000241946	5.13E-15	-2.63127	1	1 RP11-496B10.1	K11877
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ENSG00000241956	5.13E-15	-2.63127	1	1 CTC-340A15.2	-
ENSG00000241961	5.13E-15	-2.63127	1	1 RP11-7F18.1	K02880
ENSG00000241963	5.13E-15	-2.63127	1	1 RN7SL655P	-
ENSG00000241964	5.13E-15	-2.63127	1	1 RN7SL135P	-
ENSG00000241965	5.13E-15	-2.63127	1	1 RPS2P25	-
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ENSG00000241983	5.13E-15	-2.63127	1	1 RN7SL566P	-
ENSG00000241984	5.13E-15	-2.63127	1	1 RPL7AP2	K02936
ENSG00000241985	5.13E-15	-2.63127	1	1 WWTR1-IT1	-
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ENSG00000241993	5.13E-15	-2.63127	1	1 RPL38P1	K02923
ENSG00000241997	5.13E-15	-2.63127	1	1 RN7SL323P	-
ENSG00000242001	5.13E-15	-2.63127	1	1 GS1-388B5.1	K00907
ENSG00000242009	5.13E-15	-2.63127	1	1 RP11-359D24.1	-
ENSG00000242012	5.13E-15	-2.63127	1	1 RP11-338L18.1	-
ENSG00000242013	5.13E-15	-2.63127	1	1 USP27X	K11366
ENSG00000242014	5.13E-15	-2.63127	1	1 RN7SL26P	-
ENSG00000242019	5.13E-15	-2.63127	1	1 KIR3DL3	K07980
ENSG00000242020	5.13E-15	-2.63127	1	1 RN7SL68P	-
ENSG00000242021	5.13E-15	-2.63127	1	1 RP11-268G12.3	-
ENSG00000242029	5.13E-15	-2.63127	1	1 RP11-457K10.1	-
ENSG00000242034	5.13E-15	-2.63127	1	1 RP11-1396O13.1	K02974
ENSG00000242036	5.13E-15	-2.63127	1	1 RP11-603B13.1	K08738
ENSG00000242037	5.13E-15	-2.63127	1	1 RN7SL585P	-
ENSG00000242041	5.13E-15	-2.63127	1	1 RP11-70F11.2	K02917
ENSG00000242042	5.13E-15	-2.63127	1	1 RP11-690C23.2	-
ENSG00000242048	5.13E-15	-2.63127	1	1 RP13-452N2.1	-
ENSG00000242049	5.13E-15	-2.63127	1	1 DNAJB8-AS1	-
ENSG00000242052	5.13E-15	-2.63127	1	1 RP11-190C22.1	K02866
ENSG00000242060	5.13E-15	-2.63127	1	1 RPS3AP49	K02984
ENSG00000242061	5.13E-15	-2.63127	1	1 CTD-2555K7.1	K02898
ENSG00000242062	5.13E-15	-2.63127	1	1 MARK2P6	-

ENSG00000242065	5.13E-15	-2.63127	1	1 RN7SL291P	-
ENSG00000242066	5.13E-15	-2.63127	1	1 RN7SL214P	-
ENSG00000242067	5.13E-15	-2.63127	1	1 RPL9P28	K02940
ENSG00000242068	5.13E-15	-2.63127	1	1 RP11-259P15.4	K15692
ENSG00000242070	5.13E-15	-2.63127	1	1 NPM1P17	K11276
ENSG00000242072	5.13E-15	-2.63127	1	1 RP11-458K10.1	-
ENSG00000242073	5.13E-15	-2.63127	1	1 AC006014.7	K09228
ENSG00000242076	5.13E-15	-2.63127	1	1 IGKV1-33	-
ENSG00000242079	5.13E-15	-2.63127	1	1 RN7SL318P	-
ENSG00000242080	5.13E-15	-2.63127	1	1 CTC-550M4.1	K02929
ENSG00000242082	5.13E-15	-2.63127	1	1 RP1-90G24.10	-
ENSG00000242085	5.13E-15	-2.63127	1	1 RPS20P33	-
ENSG00000242087	5.13E-15	-2.63127	1	1 RPL36AP41	K02929
ENSG00000242088	5.13E-15	-2.63127	1	1 AC090602.2	K02978
ENSG00000242097	5.13E-15	-2.63127	1	1 RP11-64D22.1	K00710
ENSG00000242100	5.13E-15	-2.63127	1	1 RPL9P32	K02940
ENSG00000242101	5.13E-15	-2.63127	1	1 RN7SL416P	-
ENSG00000242102	5.13E-15	-2.63127	1	1 RN7SL152P	-
ENSG00000242103	5.13E-15	-2.63127	1	1 RP11-10G15.4	-
ENSG00000242107	5.13E-15	-2.63127	1	1 LINC01100	-
ENSG00000242109	5.13E-15	-2.63127	1	1 NPM1P23	K11276
ENSG00000242111	5.13E-15	-2.63127	1	1 RP11-86L19.2	-
ENSG00000242113	5.13E-15	-2.63127	1	1 RN7SL124P	-
ENSG00000242115	5.13E-15	-2.63127	1	1 PRSS3P3	K01312
ENSG00000242118	5.13E-15	-2.63127	1	1 RN7SL201P	-
ENSG00000242119	5.13E-15	-2.63127	1	1 RP11-312P21.2	-
ENSG00000242120	5.13E-15	-2.63127	1	1 RP11-231I13.2	-
ENSG00000242121	5.13E-15	-2.63127	1	1 RN7SL267P	-
ENSG00000242123	5.13E-15	-2.63127	1	1 RP11-51L5.1	K02929
ENSG00000242134	5.13E-15	-2.63127	1	1 RPL5P13	-
ENSG00000242135	5.13E-15	-2.63127	1	1 RPL17P2	K02880
ENSG00000242136	5.13E-15	-2.63127	1	1 RP11-734K21.2	-
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ENSG00000242140	5.13E-15	-2.63127	1	1 RP11-262M14.2	K13213
ENSG00000242142	5.13E-15	-2.63127	1	1 SERBP1P3	K13199
ENSG00000242145	5.13E-15	-2.63127	1	1 RP11-520D19.1	-
ENSG00000242150	5.13E-15	-2.63127	1	1 RP11-134G8.6	K02947
ENSG00000242151	5.13E-15	-2.63127	1	1 CTD-2501O3.3	K10418
ENSG00000242152	5.13E-15	-2.63127	1	1 RP11-639F1.3	-
ENSG00000242153	5.13E-15	-2.63127	1	1 OFD1P6Y	K16480
ENSG00000242156	5.13E-15	-2.63127	1	1 AC000041.8	K12392
ENSG00000242158	5.13E-15	-2.63127	1	1 RN7SL361P	-
ENSG00000242159	5.13E-15	-2.63127	1	1 ABCF2P1	K06185
ENSG00000242162	5.13E-15	-2.63127	1	1 RP11-128A6.3	K10956
ENSG00000242163	5.13E-15	-2.63127	1	1 RP11-299L17.1	K02974
ENSG00000242165	5.13E-15	-2.63127	1	1 RN7SL222P	-
ENSG00000242169	5.13E-15	-2.63127	1	1 RP11-219G10.1	K02936
ENSG00000242170	5.13E-15	-2.63127	1	1 RN7SL329P	-
ENSG00000242175	5.13E-15	-2.63127	1	1 RN7SL127P	-
ENSG00000242176	5.13E-15	-2.63127	1	1 RPL39P31	K02924
ENSG00000242178	5.13E-15	-2.63127	1	1 MTND4P17	-
ENSG00000242182	5.13E-15	-2.63127	1	1 RN7SL745P	-
ENSG00000242185	5.13E-15	-2.63127	1	1 CT45A2	-
ENSG00000242186	5.13E-15	-2.63127	1	1 AC002523.1	-
ENSG00000242188	5.13E-15	-2.63127	1	1 RN7SL428P	-
ENSG00000242190	5.13E-15	-2.63127	1	1 RP11-142L1.1	-
ENSG00000242193	5.13E-15	-2.63127	1	1 RP11-568K15.1	-
ENSG00000242195	5.13E-15	-2.63127	1	1 SRRM1P2	-

ENSG00000242197	5.13E-15	-2.63127	1	1 RP11-588L15.1	K02922
ENSG00000242199	5.13E-15	-2.63127	1	1 RP11-71H17.1	-
ENSG00000242201	5.13E-15	-2.63127	1	1 RN7SL215P	-
ENSG00000242206	5.13E-15	-2.63127	1	1 RPS26P35	K02976
ENSG00000242207	5.13E-15	-2.63127	1	1 HOXB-AS4	-
ENSG00000242208	5.13E-15	-2.63127	1	1 RPL5P29	K02932
ENSG00000242209	5.13E-15	-2.63127	1	1 AC006445.6	K02912
ENSG00000242214	5.13E-15	-2.63127	1	1 MTND3P6	-
ENSG00000242216	5.13E-15	-2.63127	1	1 RN7SL97P	-
ENSG00000242222	5.13E-15	-2.63127	1	1 RP11-237P21.1	K00235
ENSG00000242229	5.13E-15	-2.63127	1	1 RPS3AP14	K02984
ENSG00000242236	5.13E-15	-2.63127	1	1 RN7SL594P	-
ENSG00000242241	5.13E-15	-2.63127	1	1 RN7SL306P	-
ENSG00000242242	5.13E-15	-2.63127	1	1 PVRL3-AS1	-
ENSG00000242244	5.13E-15	-2.63127	1	1 ATP5G1P3	K02128
ENSG00000242246	5.13E-15	-2.63127	1	1 RP11-331O9.2	-
ENSG00000242248	5.13E-15	-2.63127	1	1 RPL7AP57	K02936
ENSG00000242251	5.13E-15	-2.63127	1	1 RN7SL20P	-
ENSG00000242255	5.13E-15	-2.63127	1	1 RPL39P34	K02924
ENSG00000242256	5.13E-15	-2.63127	1	1 RN7SL57P	-
ENSG00000242261	5.13E-15	-2.63127	1	1 RP11-62J1.3	-
ENSG00000242262	5.13E-15	-2.63127	1	1 RP11-100N21.1	K02877
ENSG00000242266	5.13E-15	-2.63127	1	1 RN7SL456P	-
ENSG00000242268	5.13E-15	-2.63127	1	1 RP11-368I23.2	-
ENSG00000242272	5.13E-15	-2.63127	1	1 AK2P2	K00939
ENSG00000242276	5.13E-15	-2.63127	1	1 RPL5P3	K02932
ENSG00000242278	5.13E-15	-2.63127	1	1 RP11-382N13.1	K02984
ENSG00000242279	5.13E-15	-2.63127	1	1 RP11-659G9.1	K02936
ENSG00000242280	5.13E-15	-2.63127	1	1 SLC16A1P1	K08179
ENSG00000242281	5.13E-15	-2.63127	1	1 RN7SL159P	-
ENSG00000242284	5.13E-15	-2.63127	1	1 CT45A5	-
ENSG00000242285	5.13E-15	-2.63127	1	1 RPL6P8	K02934
ENSG00000242290	5.13E-15	-2.63127	1	1 RP11-197K3.1	-
ENSG00000242291	5.13E-15	-2.63127	1	1 RPL36AP51	K02929
ENSG00000242292	5.13E-15	-2.63127	1	1 CTD-2282P23.1	K02924
ENSG00000242293	5.13E-15	-2.63127	1	1 RP11-226F19.1	-
ENSG00000242295	5.13E-15	-2.63127	1	1 RP11-522B15.1	K02910
ENSG00000242296	5.13E-15	-2.63127	1	1 DEFB109P1	-
ENSG00000242301	5.13E-15	-2.63127	1	1 RP11-93P10.3	K09571
ENSG00000242307	5.13E-15	-2.63127	1	1 RPS26P52	K02976
ENSG00000242308	5.13E-15	-2.63127	1	1 RP11-572C15.3	K00789
ENSG00000242311	5.13E-15	-2.63127	1	1 RN7SL21P	-
ENSG00000242314	5.13E-15	-2.63127	1	1 RP11-428G5.2	K02870
ENSG00000242315	5.13E-15	-2.63127	1	1 RN7SL685P	-
ENSG00000242317	5.13E-15	-2.63127	1	1 RP11-875H7.5	-
ENSG00000242318	5.13E-15	-2.63127	1	1 RP11-810D13.1	-
ENSG00000242320	5.13E-15	-2.63127	1	1 RPL21P126	K02889
ENSG00000242321	5.13E-15	-2.63127	1	1 RPL23AP40	-
ENSG00000242324	5.13E-15	-2.63127	1	1 RP4-576H24.2	K06551
ENSG00000242326	5.13E-15	-2.63127	1	1 RP11-12N13.2	-
ENSG00000242327	5.13E-15	-2.63127	1	1 CTD-2184D3.1	K02953
ENSG00000242329	5.13E-15	-2.63127	1	1 RP11-59H1.1	K02921
ENSG00000242330	5.13E-15	-2.63127	1	1 RN7SL683P	-
ENSG00000242339	5.13E-15	-2.63127	1	1 RP11-735B13.2	-
ENSG00000242341	5.13E-15	-2.63127	1	1 RN7SL646P	-
ENSG00000242348	5.13E-15	-2.63127	1	1 RN7SL561P	-
ENSG00000242352	5.13E-15	-2.63127	1	1 RP11-403I13.6	-
ENSG00000242353	5.13E-15	-2.63127	1	1 RP4-710M3.1	K02870

ENSG00000242357	5.13E-15	-2.63127	1	1 RP11-809C18.5	-
ENSG00000242358	5.13E-15	-2.63127	1	1 RPS21P4	K02971
ENSG00000242360	5.13E-15	-2.63127	1	1 RN7SL272P	-
ENSG00000242362	5.13E-15	-2.63127	1	1 CT47A2	-
ENSG00000242364	5.13E-15	-2.63127	1	1 RP11-451J24.1	K11187
ENSG00000242365	5.13E-15	-2.63127	1	1 NDUFA5P5	K03949
ENSG00000242366	5.13E-15	-2.63127	1	1 UGT1A1	K00699
ENSG00000242370	5.13E-15	-2.63127	1	1 KCNAB1-AS1	-
ENSG00000242371	5.13E-15	-2.63127	1	1 IGKV1-39	-
ENSG00000242379	5.13E-15	-2.63127	1	1 RN7SL261P	-
ENSG00000242381	5.13E-15	-2.63127	1	1 RN7SL741P	-
ENSG00000242384	5.13E-15	-2.63127	1	1 TBC1D3H	K11837
ENSG00000242385	5.13E-15	-2.63127	1	1 LINC00901	-
ENSG00000242387	5.13E-15	-2.63127	1	1 HIST1H2APS2	K12300
ENSG00000242389	5.13E-15	-2.63127	1	1 RBMY1E	K12885
ENSG00000242390	5.13E-15	-2.63127	1	1 RPL6P9	-
ENSG00000242393	5.13E-15	-2.63127	1	1 AC010141.4	-
ENSG00000242405	5.13E-15	-2.63127	1	1 RP11-267J23.1	K02889
ENSG00000242407	5.13E-15	-2.63127	1	1 CTD-2377D24.4	-
ENSG00000242411	5.13E-15	-2.63127	1	1 CTD-2086L14.1	K02873
ENSG00000242417	5.13E-15	-2.63127	1	1 RP11-286B5.1	K02883
ENSG00000242419	5.13E-15	-2.63127	1	1 PCDHGC4	K16497
ENSG00000242421	5.13E-15	-2.63127	1	1 RN7SL313P	-
ENSG00000242423	5.13E-15	-2.63127	1	1 RP11-451N19.1	K02870
ENSG00000242425	5.13E-15	-2.63127	1	1 RN7SL818P	-
ENSG00000242428	5.13E-15	-2.63127	1	1 RP11-147N17.1	-
ENSG00000242429	5.13E-15	-2.63127	1	1 RP11-19G24.2	-
ENSG00000242430	5.13E-15	-2.63127	1	1 RN7SL274P	-
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ENSG00000242435	5.13E-15	-2.63127	1	1 UPK3BP1	-
ENSG00000242436	5.13E-15	-2.63127	1	1 RN7SL789P	-
ENSG00000242439	5.13E-15	-2.63127	1	1 CTD-2349P21.1	K02962
ENSG00000242440	5.13E-15	-2.63127	1	1 RP11-501O2.5	-
ENSG00000242441	5.13E-15	-2.63127	1	1 GTF2A1L	K03122
ENSG00000242443	5.13E-15	-2.63127	1	1 RN7SL759P	-
ENSG00000242444	5.13E-15	-2.63127	1	1 RP11-320N7.1	K02883
ENSG00000242456	5.13E-15	-2.63127	1	1 RP11-12N13.4	K02262
ENSG00000242457	5.13E-15	-2.63127	1	1 RBBP4P2	K10752
ENSG00000242461	5.13E-15	-2.63127	1	1 RPS15AP32	K02957
ENSG00000242463	5.13E-15	-2.63127	1	1 RN7SL500P	-
ENSG00000242472	5.13E-15	-2.63127	1	1 IGHJ5	-
ENSG00000242473	5.13E-15	-2.63127	1	1 KIR2DP1	K07980
ENSG00000242479	5.13E-15	-2.63127	1	1 RP11-383G6.4	K16194
ENSG00000242480	5.13E-15	-2.63127	1	1 RN7SL286P	-
ENSG00000242482	5.13E-15	-2.63127	1	1 RN7SL392P	-
ENSG00000242483	5.13E-15	-2.63127	1	1 RN7SL293P	-
ENSG00000242486	5.13E-15	-2.63127	1	1 RP1-104O17.2	-
ENSG00000242488	5.13E-15	-2.63127	1	1 RP11-270M14.1	K02981
ENSG00000242493	5.13E-15	-2.63127	1	1 RN7SL37P	-
ENSG00000242502	5.13E-15	-2.63127	1	1 RN7SL536P	-
ENSG00000242507	5.13E-15	-2.63127	1	1 RP3-477O4.5	K00780
ENSG00000242509	5.13E-15	-2.63127	1	1 RN7SL156P	-
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ENSG00000242512	5.13E-15	-2.63127	1	1 RP11-416O18.1	-
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ENSG00000242516	5.13E-15	-2.63127	1	1 LINC00960	-
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ENSG00000242527	5.13E-15	-2.63127	1	1 RP11-159H22.1	K02921
ENSG00000242529	5.13E-15	-2.63127	1	1 AHCYP8	K01251
ENSG00000242531	5.13E-15	-2.63127	1	1 RP11-299J3.6	K14963
ENSG00000242534	5.13E-15	-2.63127	1	1 IGKV2D-28	-
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ENSG00000242537	5.13E-15	-2.63127	1	1 RP11-294L13.1	K10865
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ENSG00000242542	5.13E-15	-2.63127	1	1 RN7SL489P	-
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ENSG00000242547	5.13E-15	-2.63127	1	1 RN7SL169P	-
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ENSG00000242552	5.13E-15	-2.63127	1	1 MRPL42P4	-
ENSG00000242559	5.13E-15	-2.63127	1	1 RN7SL144P	-
ENSG00000242560	5.13E-15	-2.63127	1	1 RN7SL797P	-
ENSG00000242561	5.13E-15	-2.63127	1	1 ATP5LP5	-
ENSG00000242562	5.13E-15	-2.63127	1	1 DCAF13P1	K11806
ENSG00000242565	5.13E-15	-2.63127	1	1 RN7SL372P	-
ENSG00000242568	5.13E-15	-2.63127	1	1 RP11-875H7.1	-
ENSG00000242571	5.13E-15	-2.63127	1	1 RPL21P11	K02889
ENSG00000242573	5.13E-15	-2.63127	1	1 ACTR3P3	K18584
ENSG00000242574	5.13E-15	-2.63127	1	1 HLA-DMB	K06752
ENSG00000242578	5.13E-15	-2.63127	1	1 RP11-469J4.3	-
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ENSG00000242583	5.13E-15	-2.63127	1	1 RP11-379K17.9	K11428
ENSG00000242586	5.13E-15	-2.63127	1	1 RP11-481N16.1	K17570
ENSG00000242590	5.13E-15	-2.63127	1	1 RP11-5407.14	-
ENSG00000242595	5.13E-15	-2.63127	1	1 RP11-648L3.1	K02898
ENSG00000242598	5.13E-15	-2.63127	1	1 MED28P8	K15141
ENSG00000242600	5.13E-15	-2.63127	1	1 MBL1P	K03991
ENSG00000242608	5.13E-15	-2.63127	1	1 RPS23P5	K02973
ENSG00000242609	5.13E-15	-2.63127	1	1 RP11-398A8.1	-
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ENSG00000242611	5.13E-15	-2.63127	1	1 AC093627.8	-
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ENSG00000242614	5.13E-15	-2.63127	1	1 RN7SL164P	-
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ENSG00000242618	5.13E-15	-2.63127	1	1 RP11-433A10.2	-
ENSG00000242620	5.13E-15	-2.63127	1	1 RN7SL736P	-
ENSG00000242628	5.13E-15	-2.63127	1	1 AC009228.1	-
ENSG00000242631	5.13E-15	-2.63127	1	1 RP11-508N12.4	-
ENSG00000242634	5.13E-15	-2.63127	1	1 RPS24P16	K02974
ENSG00000242635	5.13E-15	-2.63127	1	1 RPS14P7	-
ENSG00000242636	5.13E-15	-2.63127	1	1 RPL21P129	K02889
ENSG00000242638	5.13E-15	-2.63127	1	1 RN7SL294P	-
ENSG00000242640	5.13E-15	-2.63127	1	1 RP11-302F12.1	K02980
ENSG00000242641	5.13E-15	-2.63127	1	1 LINC00971	-
ENSG00000242650	5.13E-15	-2.63127	1	1 RN7SL292P	-
ENSG00000242651	5.13E-15	-2.63127	1	1 RN7SL862P	-
ENSG00000242653	5.13E-15	-2.63127	1	1 RN7SL132P	-
ENSG00000242654	5.13E-15	-2.63127	1	1 RPL32P14	-
ENSG00000242657	5.13E-15	-2.63127	1	1 RN7SL581P	-
ENSG00000242659	5.13E-15	-2.63127	1	1 RP11-271C24.2	-
ENSG00000242660	5.13E-15	-2.63127	1	1 RP11-1094M14.1	K02924
ENSG00000242661	5.13E-15	-2.63127	1	1 RPS3AP43	K02984
ENSG00000242663	5.13E-15	-2.63127	1	1 RP11-196G18.21	-
ENSG00000242667	5.13E-15	-2.63127	1	1 RP11-745A24.2	K02947

ENSG00000242668	5.13E-15	-2.63127	1	1 RN7SL317P	—
ENSG00000242670	5.13E-15	-2.63127	1	1 RP11-601I15.1	K02891
ENSG00000242671	5.13E-15	-2.63127	1	1 RP11-232M24.1	—
ENSG00000242673	5.13E-15	-2.63127	1	1 RN7SL167P	—
ENSG00000242675	5.13E-15	-2.63127	1	1 RPS16P9	K02960
ENSG00000242676	5.13E-15	-2.63127	1	1 ANKRD20A12P	K17299
ENSG00000242683	5.13E-15	-2.63127	1	1 CTB-46B19.1	K02870
ENSG00000242686	5.13E-15	-2.63127	1	1 RP11-1191J2.2	—
ENSG00000242688	5.13E-15	-2.63127	1	1 RN7SL304P	—
ENSG00000242692	5.13E-15	-2.63127	1	1 RPS27AP1	K02977
ENSG00000242696	5.13E-15	-2.63127	1	1 RN7SL40P	—
ENSG00000242697	5.13E-15	-2.63127	1	1 RPL5P12	K02932
ENSG00000242699	5.13E-15	-2.63127	1	1 RN7SL516P	—
ENSG00000242703	5.13E-15	-2.63127	1	1 CCT4P1	K09496
ENSG00000242705	5.13E-15	-2.63127	1	1 NARG2P2	—
ENSG00000242706	5.13E-15	-2.63127	1	1 CTD-2015H6.2	K02977
ENSG00000242707	5.13E-15	-2.63127	1	1 RN7SL362P	—
ENSG00000242709	5.13E-15	-2.63127	1	1 RPL30P9	K02908
ENSG00000242712	5.13E-15	-2.63127	1	1 RN7SL529P	—
ENSG00000242719	5.13E-15	-2.63127	1	1 RN7SL806P	—
ENSG00000242727	5.13E-15	-2.63127	1	1 RP11-123J14.1	K02898
ENSG00000242728	5.13E-15	-2.63127	1	1 UQCRHP4	K00416
ENSG00000242729	5.13E-15	-2.63127	1	1 RP11-124G5.1	K02940
ENSG00000242731	5.13E-15	-2.63127	1	1 FAM86LP	K12354
ENSG00000242732	5.13E-15	-2.63127	1	1 RGAG4	—
ENSG00000242735	5.13E-15	-2.63127	1	1 AC018462.3	K02998
ENSG00000242736	5.13E-15	-2.63127	1	1 TRBV1	—
ENSG00000242741	5.13E-15	-2.63127	1	1 RP11-20B7.1	—
ENSG00000242747	5.13E-15	-2.63127	1	1 RP11-30K9.1	K02889
ENSG00000242752	5.13E-15	-2.63127	1	1 TRNAQ41P	—
ENSG00000242753	5.13E-15	-2.63127	1	1 RP11-716O23.2	—
ENSG00000242757	5.13E-15	-2.63127	1	1 CTD-2090I13.3	K02964
ENSG00000242764	5.13E-15	-2.63127	1	1 RN7SL824P	—
ENSG00000242766	5.13E-15	-2.63127	1	1 IGKV1D-17	—
ENSG00000242767	5.13E-15	-2.63127	1	1 ZBTB20-AS4	—
ENSG00000242768	5.13E-15	-2.63127	1	1 RP11-556G22.1	K02910
ENSG00000242769	5.13E-15	-2.63127	1	1 RN7SL432P	—
ENSG00000242770	5.13E-15	-2.63127	1	1 RP11-180K7.1	—
ENSG00000242771	5.13E-15	-2.63127	1	1 TRBV5-2	K10785
ENSG00000242779	5.13E-15	-2.63127	1	1 ZNF702P	K09228
ENSG00000242781	5.13E-15	-2.63127	1	1 RP11-47P18.2	—
ENSG00000242790	5.13E-15	-2.63127	1	1 RP11-451G4.3	—
ENSG00000242793	5.13E-15	-2.63127	1	1 AC135999.2	—
ENSG00000242794	5.13E-15	-2.63127	1	1 RN7SL299P	—
ENSG00000242795	5.13E-15	-2.63127	1	1 RP11-3K16.2	—
ENSG00000242807	5.13E-15	-2.63127	1	1 RPL26P31	K02898
ENSG00000242808	5.13E-15	-2.63127	1	1 SOX2-OT	—
ENSG00000242810	5.13E-15	-2.63127	1	1 MRPL42P6	K17423
ENSG00000242811	5.13E-15	-2.63127	1	1 RN7SL229P	—
ENSG00000242814	5.13E-15	-2.63127	1	1 RP11-436H11.1	K02903
ENSG00000242816	5.13E-15	-2.63127	1	1 RP11-768G7.3	—
ENSG00000242818	5.13E-15	-2.63127	1	1 RN7SL846P	—
ENSG00000242822	5.13E-15	-2.63127	1	1 RN7SL575P	—
ENSG00000242828	5.13E-15	-2.63127	1	1 RP11-47P18.1	—
ENSG00000242829	5.13E-15	-2.63127	1	1 RPS26P21	K02976
ENSG00000242834	5.13E-15	-2.63127	1	1 RPL7AP56	K02936
ENSG00000242836	5.13E-15	-2.63127	1	1 RP11-52L11.7	K02262
ENSG00000242841	5.13E-15	-2.63127	1	1 KRT8P35	K07605

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ENSG00000242850	5.13E-15	-2.63127	1	1 RPL23AP68	-
ENSG00000242854	5.13E-15	-2.63127	1	1 DNMI1P24	K01528
ENSG00000242855	5.13E-15	-2.63127	1	1 RN7SL496P	-
ENSG00000242856	5.13E-15	-2.63127	1	1 VN1R105P	K04614
ENSG00000242858	5.13E-15	-2.63127	1	1 CTC-484M2.1	K02872
ENSG00000242860	5.13E-15	-2.63127	1	1 RN7SL180P	-
ENSG00000242863	5.13E-15	-2.63127	1	1 RN7SL677P	-
ENSG00000242865	5.13E-15	-2.63127	1	1 RN7SL244P	-
ENSG00000242871	5.13E-15	-2.63127	1	1 RN7SL109P	-
ENSG00000242875	5.13E-15	-2.63127	1	1 RBMY1B	K12885
ENSG00000242879	5.13E-15	-2.63127	1	1 AC006335.11	K03539
ENSG00000242880	5.13E-15	-2.63127	1	1 RP11-190P13.2	-
ENSG00000242887	5.13E-15	-2.63127	1	1 IGHJ3	-
ENSG00000242889	5.13E-15	-2.63127	1	1 RN7SL449P	-
ENSG00000242893	5.13E-15	-2.63127	1	1 RN7SL413P	-
ENSG00000242894	5.13E-15	-2.63127	1	1 RN7SL634P	-
ENSG00000242899	5.13E-15	-2.63127	1	1 RPL7P16	K02937
ENSG00000242902	5.13E-15	-2.63127	1	1 RP11-309L24.2	-
ENSG00000242908	5.13E-15	-2.63127	1	1 RP11-454C18.2	-
ENSG00000242911	5.13E-15	-2.63127	1	1 RP11-118N24.2	-
ENSG00000242912	5.13E-15	-2.63127	1	1 RN7SL384P	-
ENSG00000242915	5.13E-15	-2.63127	1	1 SNRPGP7	-
ENSG00000242922	5.13E-15	-2.63127	1	1 RPL21P104	K02889
ENSG00000242924	5.13E-15	-2.63127	1	1 RP11-298O21.6	-
ENSG00000242925	5.13E-15	-2.63127	1	1 PLCH1-AS2	-
ENSG00000242928	5.13E-15	-2.63127	1	1 RN7SL868P	-
ENSG00000242931	5.13E-15	-2.63127	1	1 RPL7P49	K02937
ENSG00000242936	5.13E-15	-2.63127	1	1 RPL30P6	-
ENSG00000242943	5.13E-15	-2.63127	1	1 NKAIN1P1	-
ENSG00000242945	5.13E-15	-2.63127	1	1 RPL29P32	-
ENSG00000242948	5.13E-15	-2.63127	1	1 EPS15P1	-
ENSG00000242950	5.13E-15	-2.63127	1	1 ERVW-1	-
ENSG00000242952	5.13E-15	-2.63127	1	1 RP11-187O7.1	K02998
ENSG00000242953	5.13E-15	-2.63127	1	1 RP11-803B1.3	K17299
ENSG00000242958	5.13E-15	-2.63127	1	1 RP11-662B19.1	-
ENSG00000242962	5.13E-15	-2.63127	1	1 RN7SL106P	-
ENSG00000242963	5.13E-15	-2.63127	1	1 RP11-143E21.1	-
ENSG00000242970	5.13E-15	-2.63127	1	1 AC068522.4	K02976
ENSG00000242971	5.13E-15	-2.63127	1	1 RN7SL233P	-
ENSG00000242973	5.13E-15	-2.63127	1	1 RP11-446F17.3	-
ENSG00000242976	5.13E-15	-2.63127	1	1 RN7SL177P	-
ENSG00000242978	5.13E-15	-2.63127	1	1 RP4-545C24.5	K03767
ENSG00000242979	5.13E-15	-2.63127	1	1 RPS15AP18	K02957
ENSG00000242983	5.13E-15	-2.63127	1	1 CABYRP1	-
ENSG00000242985	5.13E-15	-2.63127	1	1 RN7SL50P	-
ENSG00000242986	5.13E-15	-2.63127	1	1 RP11-1110J8.1	K02889
ENSG00000242989	5.13E-15	-2.63127	1	1 RN7SL332P	-
ENSG00000242990	5.13E-15	-2.63127	1	1 RP11-571M6.1	K02872
ENSG00000242991	5.13E-15	-2.63127	1	1 RPL7P40	-
ENSG00000242993	5.13E-15	-2.63127	1	1 RP11-697H10.1	K02912
ENSG00000242995	5.13E-15	-2.63127	1	1 RP11-1085N6.1	K02929
ENSG00000242998	5.13E-15	-2.63127	1	1 RN7SL379P	-
ENSG00000242999	5.13E-15	-2.63127	1	1 RN7SL239P	-
ENSG00000243005	5.13E-15	-2.63127	1	1 RN7SL16P	-
ENSG00000243007	5.13E-15	-2.63127	1	1 RP11-106M3.1	K02870
ENSG00000243008	5.13E-15	-2.63127	1	1 RP11-556N21.1	-
ENSG00000243011	5.13E-15	-2.63127	1	1 RN7SL266P	-

ENSG00000243012	5.13E-15	-2.63127	1	1 RP11-292E2.4	-
ENSG00000243014	5.13E-15	-2.63127	1	1 PTMAP8	K13784
ENSG00000243016	5.13E-15	-2.63127	1	1 RP11-305F5.2	-
ENSG00000243020	5.13E-15	-2.63127	1	1 RPL7P39	K02937
ENSG00000243022	5.13E-15	-2.63127	1	1 RP11-221E20.4	-
ENSG00000243023	5.13E-15	-2.63127	1	1 UBA52P3	K02927
ENSG00000243025	5.13E-15	-2.63127	1	1 MTAPP1	-
ENSG00000243027	5.13E-15	-2.63127	1	1 RN7SL354P	-
ENSG00000243029	5.13E-15	-2.63127	1	1 RN7SL635P	-
ENSG00000243033	5.13E-15	-2.63127	1	1 GAPDHP47	K00134
ENSG00000243035	5.13E-15	-2.63127	1	1 RN7SL810P	-
ENSG00000243038	5.13E-15	-2.63127	1	1 RP11-58E21.1	K01557
ENSG00000243039	5.13E-15	-2.63127	1	1 RN7SL210P	-
ENSG00000243040	5.13E-15	-2.63127	1	1 RBMY2FP	K12885
ENSG00000243044	5.13E-15	-2.63127	1	1 RP13-526J3.1	K09228
ENSG00000243048	5.13E-15	-2.63127	1	1 FTH1P18	K00522
ENSG00000243049	5.13E-15	-2.63127	1	1 RN7SL33P	-
ENSG00000243050	5.13E-15	-2.63127	1	1 RPL30P10	K02908
ENSG00000243051	5.13E-15	-2.63127	1	1 RN7SL269P	-
ENSG00000243053	5.13E-15	-2.63127	1	1 RPL31P58	K02910
ENSG00000243055	5.13E-15	-2.63127	1	1 GK-AS1	-
ENSG00000243058	5.13E-15	-2.63127	1	1 RPL39P33	K02924
ENSG00000243059	5.13E-15	-2.63127	1	1 RN7SL400P	-
ENSG00000243062	5.13E-15	-2.63127	1	1 RP11-12M5.1	-
ENSG00000243063	5.13E-15	-2.63127	1	1 IGKV3-7	-
ENSG00000243064	5.13E-15	-2.63127	1	1 ABCC13	-
ENSG00000243066	5.13E-15	-2.63127	1	1 RN7SL842P	-
ENSG00000243069	5.13E-15	-2.63127	1	1 ARHGFEF26-AS1	-
ENSG00000243072	5.13E-15	-2.63127	1	1 GS1-388B5.2	-
ENSG00000243073	5.13E-15	-2.63127	1	1 PRAMEF4	-
ENSG00000243075	5.13E-15	-2.63127	1	1 RN7SL519P	-
ENSG00000243081	5.13E-15	-2.63127	1	1 RP11-231E6.1	-
ENSG00000243083	5.13E-15	-2.63127	1	1 LINC00870	-
ENSG00000243085	5.13E-15	-2.63127	1	1 RP11-392E22.3	-
ENSG00000243095	5.13E-15	-2.63127	1	1 RPL3P10	K02925
ENSG00000243099	5.13E-15	-2.63127	1	1 AC020983.5	K02880
ENSG00000243101	5.13E-15	-2.63127	1	1 RPS3P7	K02985
ENSG00000243103	5.13E-15	-2.63127	1	1 RN7SL452P	-
ENSG00000243104	5.13E-15	-2.63127	1	1 AC012363.10	K03882
ENSG00000243113	5.13E-15	-2.63127	1	1 RP11-480I12.9	K05692
ENSG00000243115	5.13E-15	-2.63127	1	1 RN7SL849P	-
ENSG00000243122	5.13E-15	-2.63127	1	1 RP11-25H11.1	K02958
ENSG00000243124	5.13E-15	-2.63127	1	1 RN7SL643P	-
ENSG00000243125	5.13E-15	-2.63127	1	1 RN7SL807P	-
ENSG00000243129	5.13E-15	-2.63127	1	1 RP11-377D9.1	K02976
ENSG00000243135	5.13E-15	-2.63127	1	1 UGT1A3	K00699
ENSG00000243136	5.13E-15	-2.63127	1	1 RN7SL22P	-
ENSG00000243141	5.13E-15	-2.63127	1	1 RP11-757G14.1	-
ENSG00000243144	5.13E-15	-2.63127	1	1 RP11-115N4.1	-
ENSG00000243149	5.13E-15	-2.63127	1	1 RP11-543A18.1	-
ENSG00000243150	5.13E-15	-2.63127	1	1 RP11-538P18.2	-
ENSG00000243154	5.13E-15	-2.63127	1	1 CTD-2501O3.2	-
ENSG00000243160	5.13E-15	-2.63127	1	1 RP11-342F17.2	K02936
ENSG00000243164	5.13E-15	-2.63127	1	1 RP11-166B14.1	K02910
ENSG00000243165	5.13E-15	-2.63127	1	1 RP11-79M21.3	-
ENSG00000243167	5.13E-15	-2.63127	1	1 RPS10P28	K02947
ENSG00000243171	5.13E-15	-2.63127	1	1 RP11-273P3.1	K02880
ENSG00000243173	5.13E-15	-2.63127	1	1 RN7SL861P	-

ENSG00000243175	5.13E-15	-2.63127	1	1 RP11-58H15.1	K02998
ENSG00000243179	5.13E-15	-2.63127	1	1 AC110769.3	-
ENSG00000243181	5.13E-15	-2.63127	1	1 RP11-734J24.1	K02889
ENSG00000243187	5.13E-15	-2.63127	1	1 CCDC39-AS1	-
ENSG00000243188	5.13E-15	-2.63127	1	1 HNRNPA1P17	K12741
ENSG00000243193	5.13E-15	-2.63127	1	1 CTA-360L10.1	-
ENSG00000243195	5.13E-15	-2.63127	1	1 TUBBP11	-
ENSG00000243197	5.13E-15	-2.63127	1	1 TUSC7	-
ENSG00000243207	5.13E-15	-2.63127	1	1 PPAN-P2RY11	K14859
ENSG00000243220	5.13E-15	-2.63127	1	1 AC006159.4	-
ENSG00000243227	5.13E-15	-2.63127	1	1 RN7SL55P	-
ENSG00000243230	5.13E-15	-2.63127	1	1 RP11-286H14.8	-
ENSG00000243232	5.13E-15	-2.63127	1	1 PCDHAC2	K16493
ENSG00000243234	5.13E-15	-2.63127	1	1 CTD-2583A14.1	K02885
ENSG00000243236	5.13E-15	-2.63127	1	1 RP1-214M20.2	K00799
ENSG00000243238	5.13E-15	-2.63127	1	1 IGKV2-30	-
ENSG00000243250	5.13E-15	-2.63127	1	1 RPS6P16	K02991
ENSG00000243254	5.13E-15	-2.63127	1	1 RN7SL350P	-
ENSG00000243256	5.13E-15	-2.63127	1	1 RPL30P14	K02908
ENSG00000243257	5.13E-15	-2.63127	1	1 RP11-567P17.2	-
ENSG00000243260	5.13E-15	-2.63127	1	1 RN7SL558P	-
ENSG00000243264	5.13E-15	-2.63127	1	1 IGKV2D-29	-
ENSG00000243265	5.13E-15	-2.63127	1	1 RP11-1149O23.1	K02893
ENSG00000243267	5.13E-15	-2.63127	1	1 RN7SL614P	-
ENSG00000243268	5.13E-15	-2.63127	1	1 ATP5A1P1	K02132
ENSG00000243273	5.13E-15	-2.63127	1	1 RP11-166N6.2	-
ENSG00000243274	5.13E-15	-2.63127	1	1 RN7SL571P	-
ENSG00000243276	5.13E-15	-2.63127	1	1 RP11-384F7.1	-
ENSG00000243280	5.13E-15	-2.63127	1	1 RP11-477G18.2	K02929
ENSG00000243287	5.13E-15	-2.63127	1	1 RPS17P14	K02962
ENSG00000243289	5.13E-15	-2.63127	1	1 CTGLF8P	K12491
ENSG00000243290	5.13E-15	-2.63127	1	1 IGKV1-12	-
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ENSG00000243296	5.13E-15	-2.63127	1	1 RP11-779P15.1	-
ENSG00000243297	5.13E-15	-2.63127	1	1 RPL31P61	K02910
ENSG00000243300	5.13E-15	-2.63127	1	1 LINC00359	-
ENSG00000243303	5.13E-15	-2.63127	1	1 RP11-268I9.1	K02915
ENSG00000243304	5.13E-15	-2.63127	1	1 CTC-428G20.1	K02981
ENSG00000243305	5.13E-15	-2.63127	1	1 RP11-362A9.3	-
ENSG00000243312	5.13E-15	-2.63127	1	1 RP11-397E7.1	K02934
ENSG00000243313	5.13E-15	-2.63127	1	1 RN7SL285P	-
ENSG00000243314	5.13E-15	-2.63127	1	1 RP11-538P18.1	K02951
ENSG00000243316	5.13E-15	-2.63127	1	1 GUCY2GP	-
ENSG00000243319	5.13E-15	-2.63127	1	1 FGF14-IT1	-
ENSG00000243321	5.13E-15	-2.63127	1	1 snoU13	-
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ENSG00000243328	5.13E-15	-2.63127	1	1 RP11-520P18.1	K02976
ENSG00000243338	5.13E-15	-2.63127	1	1 RN7SL307P	-
ENSG00000243345	5.13E-15	-2.63127	1	1 RP11-458K10.3	-
ENSG00000243346	5.13E-15	-2.63127	1	1 RN7SL601P	-
ENSG00000243347	5.13E-15	-2.63127	1	1 RP11-501O2.4	-
ENSG00000243349	5.13E-15	-2.63127	1	1 RP11-445N18.7	-
ENSG00000243350	5.13E-15	-2.63127	1	1 RP11-379F12.3	-
ENSG00000243352	5.13E-15	-2.63127	1	1 RN7SL8P	-
ENSG00000243353	5.13E-15	-2.63127	1	1 RP11-667M19.1	-
ENSG00000243355	5.13E-15	-2.63127	1	1 RP11-57G22.1	K02978
ENSG00000243359	5.13E-15	-2.63127	1	1 RN7SL815P	-
ENSG00000243365	5.13E-15	-2.63127	1	1 RN7SL278P	-

ENSG00000243366	5.13E-15	-2.63127	1	1 RN7SL60P	-
ENSG00000243368	5.13E-15	-2.63127	1	1 MCCC1-AS1	-
ENSG00000243370	5.13E-15	-2.63127	1	1 RN7SL775P	-
ENSG00000243373	5.13E-15	-2.63127	1	1 RN7SL173P	-
ENSG00000243374	5.13E-15	-2.63127	1	1 RN7SL72P	-
ENSG00000243378	5.13E-15	-2.63127	1	1 RP11-646E18.3	K01047
ENSG00000243382	5.13E-15	-2.63127	1	1 ATP5A1P10	K02132
ENSG00000243383	5.13E-15	-2.63127	1	1 RN7SL89P	-
ENSG00000243384	5.13E-15	-2.63127	1	1 RP11-475O23.2	-
ENSG00000243396	5.13E-15	-2.63127	1	1 RP11-454H13.1	K02912
ENSG00000243398	5.13E-15	-2.63127	1	1 RN7SL141P	-
ENSG00000243403	5.13E-15	-2.63127	1	1 RP11-330L19.1	K02976
ENSG00000243410	5.13E-15	-2.63127	1	1 RP11-245J9.4	-
ENSG00000243417	5.13E-15	-2.63127	1	1 RP11-555K12.1	K02984
ENSG00000243420	5.13E-15	-2.63127	1	1 RN7SL734P	-
ENSG00000243422	5.13E-15	-2.63127	1	1 RP11-413E6.1	K02893
ENSG00000243423	5.13E-15	-2.63127	1	1 RP5-837J1.1	K02922
ENSG00000243424	5.13E-15	-2.63127	1	1 RN7SL107P	-
ENSG00000243426	5.13E-15	-2.63127	1	1 RN7SL454P	-
ENSG00000243429	5.13E-15	-2.63127	1	1 OR7E29P	K04257
ENSG00000243431	5.13E-15	-2.63127	1	1 RPL5P30	K02932
ENSG00000243437	5.13E-15	-2.63127	1	1 RN7SL370P	-
ENSG00000243438	5.13E-15	-2.63127	1	1 LARP1BP2	K18757
ENSG00000243439	5.13E-15	-2.63127	1	1 RN7SL352P	-
ENSG00000243440	5.13E-15	-2.63127	1	1 AF165138.7	-
ENSG00000243444	5.13E-15	-2.63127	1	1 PALM2	K16519
ENSG00000243445	5.13E-15	-2.63127	1	1 RP11-715J22.1	K02960
ENSG00000243446	5.13E-15	-2.63127	1	1 RN7SL284P	-
ENSG00000243453	5.13E-15	-2.63127	1	1 COX7BP1	K02271
ENSG00000243455	5.13E-15	-2.63127	1	1 RPS18P13	K02964
ENSG00000243464	5.13E-15	-2.63127	1	1 RN7SL410P	-
ENSG00000243466	5.13E-15	-2.63127	1	1 IGKV1-5	-
ENSG00000243468	5.13E-15	-2.63127	1	1 INGX	K17985
ENSG00000243469	5.13E-15	-2.63127	1	1 RPL7P51	K02937
ENSG00000243478	5.13E-15	-2.63127	1	1 AOX2P	K00157
ENSG00000243480	5.13E-15	-2.63127	1	1 AMY2A	K01176
ENSG00000243483	5.13E-15	-2.63127	1	1 RP11-572M11.2	K09507
ENSG00000243485	5.13E-15	-2.63127	1	1 MIR1302-10	-
ENSG00000243486	5.13E-15	-2.63127	1	1 RP11-217E22.5	-
ENSG00000243488	5.13E-15	-2.63127	1	1 RN7SL337P	-
ENSG00000243489	5.13E-15	-2.63127	1	1 KRTAP10-11	-
ENSG00000243491	5.13E-15	-2.63127	1	1 RP11-521D12.5	-
ENSG00000243494	5.13E-15	-2.63127	1	1 CTC-550B14.1	K02929
ENSG00000243495	5.13E-15	-2.63127	1	1 GMFBP1	-
ENSG00000243498	5.13E-15	-2.63127	1	1 UBA52P5	K02927
ENSG00000243499	5.13E-15	-2.63127	1	1 RPS6P21	K02991
ENSG00000243500	5.13E-15	-2.63127	1	1 RP11-364B6.2	-
ENSG00000243501	5.13E-15	-2.63127	1	1 RP11-257K9.8	-
ENSG00000243503	5.13E-15	-2.63127	1	1 AC090453.1	K02898
ENSG00000243505	5.13E-15	-2.63127	1	1 RN7SL240P	-
ENSG00000243507	5.13E-15	-2.63127	1	1 RP11-476M19.1	K02976
ENSG00000243509	5.13E-15	-2.63127	1	1 TNFRSF6B	K05143
ENSG00000243510	5.13E-15	-2.63127	1	1 RN7SL111P	-
ENSG00000243514	5.13E-15	-2.63127	1	1 RPL32P33	K02912
ENSG00000243516	5.13E-15	-2.63127	1	1 RP11-19F9.1	K02870
ENSG00000243518	5.13E-15	-2.63127	1	1 RP11-639F1.2	-
ENSG00000243519	5.13E-15	-2.63127	1	1 IGLVIVOR22-2	K06553
ENSG00000243521	5.13E-15	-2.63127	1	1 RPL5P33	K02932

ENSG00000243531	5.13E-15	-2.63127	1	1 RP11-740N7.3	--
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ENSG00000243536	5.13E-15	-2.63127	1	1 ANTXRLP1	--
ENSG00000243537	5.13E-15	-2.63127	1	1 CTC-458A3.1	K02912
ENSG00000243538	5.13E-15	-2.63127	1	1 CTB-55B8.1	K02976
ENSG00000243539	5.13E-15	-2.63127	1	1 RN7SL649P	--
ENSG00000243541	5.13E-15	-2.63127	1	1 RN7SL104P	--
ENSG00000243543	5.13E-15	-2.63127	1	1 WFDC6	--
ENSG00000243544	5.13E-15	-2.63127	1	1 RN7SL172P	--
ENSG00000243546	5.13E-15	-2.63127	1	1 RN7SL108P	--
ENSG00000243548	5.13E-15	-2.63127	1	1 RN7SL101P	--
ENSG00000243549	5.13E-15	-2.63127	1	1 RN7SL705P	--
ENSG00000243558	5.13E-15	-2.63127	1	1 RP11-181G12.5	--
ENSG00000243560	5.13E-15	-2.63127	1	1 RN7SL364P	--
ENSG00000243562	5.13E-15	-2.63127	1	1 RN7SL838P	--
ENSG00000243568	5.13E-15	-2.63127	1	1 RP11-2I17.1	K02889
ENSG00000243572	5.13E-15	-2.63127	1	1 RP11-889D3.2	--
ENSG00000243574	5.13E-15	-2.63127	1	1 RP11-264K23.1	--
ENSG00000243581	5.13E-15	-2.63127	1	1 RPS29P25	--
ENSG00000243583	5.13E-15	-2.63127	1	1 RP4-669B10.3	--
ENSG00000243584	5.13E-15	-2.63127	1	1 RP11-14I2.2	K04511
ENSG00000243591	5.13E-15	-2.63127	1	1 RN7SL282P	--
ENSG00000243592	5.13E-15	-2.63127	1	1 RPL17P22	K02880
ENSG00000243593	5.13E-15	-2.63127	1	1 RP11-500K19.1	--
ENSG00000243596	5.13E-15	-2.63127	1	1 RP11-758I14.2	--
ENSG00000243601	5.13E-15	-2.63127	1	1 RP11-152P17.1	--
ENSG00000243609	5.13E-15	-2.63127	1	1 RPS2P44	K02981
ENSG00000243613	5.13E-15	-2.63127	1	1 RP11-216N14.8	--
ENSG00000243620	5.13E-15	-2.63127	1	1 RP11-649A16.1	--
ENSG00000243621	5.13E-15	-2.63127	1	1 AC003989.3	K15441
ENSG00000243627	5.13E-15	-2.63127	1	1 AP000322.53	--
ENSG00000243629	5.13E-15	-2.63127	1	1 LINC00880	--
ENSG00000243633	5.13E-15	-2.63127	1	1 RN7SL542P	--
ENSG00000243635	5.13E-15	-2.63127	1	1 RP11-281P11.1	K08007
ENSG00000243641	5.13E-15	-2.63127	1	1 OR13C7P	K04257
ENSG00000243642	5.13E-15	-2.63127	1	1 RN7SL526P	--
ENSG00000243643	5.13E-15	-2.63127	1	1 TSPY20P	--
ENSG00000243648	5.13E-15	-2.63127	1	1 RP11-215P8.1	K02947
ENSG00000243654	5.13E-15	-2.63127	1	1 RN7SL295P	--
ENSG00000243655	5.13E-15	-2.63127	1	1 RP11-846F4.12	--
ENSG00000243658	5.13E-15	-2.63127	1	1 MTND5P16	K03883
ENSG00000243659	5.13E-15	-2.63127	1	1 RP11-4K3__A.3	K12160
ENSG00000243661	5.13E-15	-2.63127	1	1 WBP1LP1	--
ENSG00000243663	5.13E-15	-2.63127	1	1 RPS4XP14	K02987
ENSG00000243664	5.13E-15	-2.63127	1	1 RPS29P12	K02980
ENSG00000243669	5.13E-15	-2.63127	1	1 RPL34P23	K02915
ENSG00000243671	5.13E-15	-2.63127	1	1 RN7SL761P	--
ENSG00000243674	5.13E-15	-2.63127	1	1 OR7E66P	K04257
ENSG00000243675	5.13E-15	-2.63127	1	1 RP11-379F4.1	K02917
ENSG00000243680	5.13E-15	-2.63127	1	1 RPL37P23	K02922
ENSG00000243686	5.13E-15	-2.63127	1	1 RPLP1P11	K02942
ENSG00000243687	5.13E-15	-2.63127	1	1 RP11-432B6.1	K02917
ENSG00000243694	5.13E-15	-2.63127	1	1 RP11-6B4.1	--
ENSG00000243695	5.13E-15	-2.63127	1	1 RP11-290L7.3	--
ENSG00000243700	5.13E-15	-2.63127	1	1 RN7SL598P	--
ENSG00000243702	5.13E-15	-2.63127	1	1 RN7SL638P	--
ENSG00000243704	5.13E-15	-2.63127	1	1 RN7SL105P	--
ENSG00000243705	5.13E-15	-2.63127	1	1 RP11-178L8.1	K02924

ENSG00000243711	5.13E-15	-2.63127	1	1 RPL21P116	K02889
ENSG00000243714	5.13E-15	-2.63127	1	1 RN7SL696P	-
ENSG00000243715	5.13E-15	-2.63127	1	1 CACNA2D3-AS1	-
ENSG00000243720	5.13E-15	-2.63127	1	1 RPL21P127	K02889
ENSG00000243721	5.13E-15	-2.63127	1	1 RP11-472I20.1	K02893
ENSG00000243723	5.13E-15	-2.63127	1	1 RN7SL393P	-
ENSG00000243729	5.13E-15	-2.63127	1	1 OR5V1	K04257
ENSG00000243730	5.13E-15	-2.63127	1	1 RPL29P3	K02905
ENSG00000243733	5.13E-15	-2.63127	1	1 RP11-80H8.3	-
ENSG00000243744	5.13E-15	-2.63127	1	1 CTC-232H10.1	K02905
ENSG00000243745	5.13E-15	-2.63127	1	1 RN7SL844P	-
ENSG00000243753	5.13E-15	-2.63127	1	1 HLA-L	K06751
ENSG00000243758	5.13E-15	-2.63127	1	1 RPL35AP15	K02917
ENSG00000243761	5.13E-15	-2.63127	1	1 RP11-216N21.2	K02912
ENSG00000243762	5.13E-15	-2.63127	1	1 AC006547.8	-
ENSG00000243770	5.13E-15	-2.63127	1	1 RN7SL65P	-
ENSG00000243771	5.13E-15	-2.63127	1	1 CTD-3131K8.1	K02889
ENSG00000243772	5.13E-15	-2.63127	1	1 KIR2DL3	K07981
ENSG00000243775	5.13E-15	-2.63127	1	1 OSTCP1	-
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ENSG00000243780	5.13E-15	-2.63127	1	1 RP11-112N19.1	K02889
ENSG00000243781	5.13E-15	-2.63127	1	1 RP11-193H5.2	K05692
ENSG00000243782	5.13E-15	-2.63127	1	1 RN7SL78P	-
ENSG00000243790	5.13E-15	-2.63127	1	1 RN7SL485P	-
ENSG00000243792	5.13E-15	-2.63127	1	1 OR7E89P	K04257
ENSG00000243794	5.13E-15	-2.63127	1	1 CTD-2026G6.2	K11095
ENSG00000243799	5.13E-15	-2.63127	1	1 PEX5L-AS1	-
ENSG00000243801	5.13E-15	-2.63127	1	1 RN7SL461P	-
ENSG00000243802	5.13E-15	-2.63127	1	1 RP11-390K5.1	K02969
ENSG00000243806	5.13E-15	-2.63127	1	1 RPL7P18	K02937
ENSG00000243810	5.13E-15	-2.63127	1	1 RP5-1096J16.1	-
ENSG00000243813	5.13E-15	-2.63127	1	1 RP11-678L1.1	K09228
ENSG00000243817	5.13E-15	-2.63127	1	1 RN7SL189P	-
ENSG00000243818	5.13E-15	-2.63127	1	1 RP11-372E1.4	-
ENSG00000243822	5.13E-15	-2.63127	1	1 RP11-2G17.1	K02975
ENSG00000243828	5.13E-15	-2.63127	1	1 RP11-307F22.2	-
ENSG00000243830	5.13E-15	-2.63127	1	1 RP11-113C12.2	K02877
ENSG00000243831	5.13E-15	-2.63127	1	1 RP1-81D8.4	K01315
ENSG00000243832	5.13E-15	-2.63127	1	1 RP11-202A13.1	-
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ENSG00000243838	5.13E-15	-2.63127	1	1 PSMC1P7	K03062
ENSG00000243844	5.13E-15	-2.63127	1	1 RPL17P33	K02880
ENSG00000243845	5.13E-15	-2.63127	1	1 RN7SL30P	-
ENSG00000243847	5.13E-15	-2.63127	1	1 RN7SL610P	-
ENSG00000243853	5.13E-15	-2.63127	1	1 ALDH7A1P3	K14085
ENSG00000243854	5.13E-15	-2.63127	1	1 RN7SL67P	-
ENSG00000243855	5.13E-15	-2.63127	1	1 RP11-114O13.1	K02870
ENSG00000243856	5.13E-15	-2.63127	1	1 RN7SL551P	-
ENSG00000243861	5.13E-15	-2.63127	1	1 RP11-656A15.1	-
ENSG00000243864	5.13E-15	-2.63127	1	1 RPS3AP50	K02984
ENSG00000243869	5.13E-15	-2.63127	1	1 RN7SL56P	-
ENSG00000243872	5.13E-15	-2.63127	1	1 RN7SL464P	-
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ENSG00000243877	5.13E-15	-2.63127	1	1 HMGB1P38	K10802
ENSG00000243883	5.13E-15	-2.63127	1	1 RN7SL419P	-
ENSG00000243886	5.13E-15	-2.63127	1	1 RP11-575C1.1	K17885
ENSG00000243888	5.13E-15	-2.63127	1	1 RP11-548B3.3	-
ENSG00000243889	5.13E-15	-2.63127	1	1 TRBV8-1	-

ENSG00000243894	5.13E-15	-2.63127	1	1 RP11-489M13.1	K02984
ENSG00000243899	5.13E-15	-2.63127	1	1 BMS1P7	K14569
ENSG00000243900	5.13E-15	-2.63127	1	1 RN7SL320P	-
ENSG00000243903	5.13E-15	-2.63127	1	1 RP11-285B24.1	-
ENSG00000243904	5.13E-15	-2.63127	1	1 RP11-600F24.1	K02998
ENSG00000243905	5.13E-15	-2.63127	1	1 RN7SL679P	-
ENSG00000243911	5.13E-15	-2.63127	1	1 RN7SL430P	-
ENSG00000243914	5.13E-15	-2.63127	1	1 RPL5P14	K02932
ENSG00000243915	5.13E-15	-2.63127	1	1 PRKRIRP2	-
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ENSG00000243918	5.13E-15	-2.63127	1	1 EIF4BP8	K03258
ENSG00000243920	5.13E-15	-2.63127	1	1 RPS26P24	-
ENSG00000243925	5.13E-15	-2.63127	1	1 RPS24P18	K02974
ENSG00000243928	5.13E-15	-2.63127	1	1 RN7SL628P	-
ENSG00000243929	5.13E-15	-2.63127	1	1 RP11-61F5.1	K02921
ENSG00000243930	5.13E-15	-2.63127	1	1 RPS12P21	K02951
ENSG00000243935	5.13E-15	-2.63127	1	1 RP11-100J16.5	K09228
ENSG00000243939	5.13E-15	-2.63127	1	1 RP11-200A13.1	-
ENSG00000243944	5.13E-15	-2.63127	1	1 RP11-167H9.4	-
ENSG00000243945	5.13E-15	-2.63127	1	1 RP11-696F10.1	-
ENSG00000243951	5.13E-15	-2.63127	1	1 RN7SL308P	-
ENSG00000243953	5.13E-15	-2.63127	1	1 RP11-439C8.2	-
ENSG00000243954	5.13E-15	-2.63127	1	1 RN7SL743P	-
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ENSG00000243957	5.13E-15	-2.63127	1	1 RN7SL647P	-
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ENSG00000243968	5.13E-15	-2.63127	1	1 RN7SL402P	-
ENSG00000243969	5.13E-15	-2.63127	1	1 RP11-439C8.1	-
ENSG00000243974	5.13E-15	-2.63127	1	1 VTI1BP1	K08493
ENSG00000243976	5.13E-15	-2.63127	1	1 RN7SL523P	-
ENSG00000243980	5.13E-15	-2.63127	1	1 RN7SL702P	-
ENSG00000243981	5.13E-15	-2.63127	1	1 RP11-368M16.3	-
ENSG00000243986	5.13E-15	-2.63127	1	1 ENO1P3	K01689
ENSG00000243991	5.13E-15	-2.63127	1	1 RN7SL447P	-
ENSG00000243993	5.13E-15	-2.63127	1	1 RP11-14D22.2	-
ENSG00000243995	5.13E-15	-2.63127	1	1 RP1-300I2.2	-
ENSG00000244000	5.13E-15	-2.63127	1	1 AC006366.3	K09228
ENSG00000244002	5.13E-15	-2.63127	1	1 RP11-162K6.1	K02998
ENSG00000244003	5.13E-15	-2.63127	1	1 RN7SL143P	-
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ENSG00000244006	5.13E-15	-2.63127	1	1 RN7SL799P	-
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ENSG00000244019	5.13E-15	-2.63127	1	1 RPS2P24	K02981
ENSG00000244020	5.13E-15	-2.63127	1	1 MT1HL1	K14739
ENSG00000244024	5.13E-15	-2.63127	1	1 RP11-622L21.1	K15191
ENSG00000244025	5.13E-15	-2.63127	1	1 KRTAP19-3	-
ENSG00000244030	5.13E-15	-2.63127	1	1 AC090939.1	-
ENSG00000244031	5.13E-15	-2.63127	1	1 RPS3AP17	K02984
ENSG00000244033	5.13E-15	-2.63127	1	1 RN7SL228P	-
ENSG00000244034	5.13E-15	-2.63127	1	1 RN7SL424P	-
ENSG00000244036	5.13E-15	-2.63127	1	1 RP11-306G20.1	-
ENSG00000244039	5.13E-15	-2.63127	1	1 RP11-379K17.2	-
ENSG00000244043	5.13E-15	-2.63127	1	1 RPS27P27	K02978
ENSG00000244044	5.13E-15	-2.63127	1	1 RN7SL735P	-
ENSG00000244048	5.13E-15	-2.63127	1	1 RPS18P6	K02964
ENSG00000244050	5.13E-15	-2.63127	1	1 RP11-266K4.1	-
ENSG00000244052	5.13E-15	-2.63127	1	1 RPL5P24	K02932
ENSG00000244053	5.13E-15	-2.63127	1	1 RPL13AP2	K02872

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ENSG00000244057	5.13E-15	-2.63127	1	1 LCE3C	-
ENSG00000244060	5.13E-15	-2.63127	1	1 RPS2P41	K02981
ENSG00000244062	5.13E-15	-2.63127	1	1 RP11-404G16.2	K01897
ENSG00000244065	5.13E-15	-2.63127	1	1 RP11-221E20.5	-
ENSG00000244066	5.13E-15	-2.63127	1	1 RN7SL148P	-
ENSG00000244067	5.13E-15	-2.63127	1	1 GSTA2	K00799
ENSG00000244071	5.13E-15	-2.63127	1	1 RPL9P33	-
ENSG00000244076	5.13E-15	-2.63127	1	1 CTC-512J14.1	K02924
ENSG00000244078	5.13E-15	-2.63127	1	1 RP11-431I8.1	-
ENSG00000244080	5.13E-15	-2.63127	1	1 RN7SL833P	-
ENSG00000244081	5.13E-15	-2.63127	1	1 RP11-350D23.4	K12019
ENSG00000244083	5.13E-15	-2.63127	1	1 RP11-170N16.1	K02915
ENSG00000244086	5.13E-15	-2.63127	1	1 RPS20P35	K02969
ENSG00000244088	5.13E-15	-2.63127	1	1 RP11-510I6.1	K02893
ENSG00000244089	5.13E-15	-2.63127	1	1 HMGB1P30	K10802
ENSG00000244091	5.13E-15	-2.63127	1	1 RN7SL483P	-
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ENSG00000244099	5.13E-15	-2.63127	1	1 RPS23P3	K02973
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ENSG00000244107	5.13E-15	-2.63127	1	1 RN7SL250P	-
ENSG00000244112	5.13E-15	-2.63127	1	1 RN7SL508P	-
ENSG00000244113	5.13E-15	-2.63127	1	1 RP11-468H14.1	K02940
ENSG00000244115	5.13E-15	-2.63127	1	1 DNAJC25-GNG10	K19371
ENSG00000244116	5.13E-15	-2.63127	1	1 IGKV2-28	-
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ENSG00000244130	5.13E-15	-2.63127	1	1 UBE2Q2P9	K10582
ENSG00000244139	5.13E-15	-2.63127	1	1 RN7SL397P	-
ENSG00000244142	5.13E-15	-2.63127	1	1 ATP6V0CP2	K02155
ENSG00000244144	5.13E-15	-2.63127	1	1 RP11-757F18.3	-
ENSG00000244146	5.13E-15	-2.63127	1	1 RP11-366M4.2	K02898
ENSG00000244152	5.13E-15	-2.63127	1	1 RN7SL59P	-
ENSG00000244153	5.13E-15	-2.63127	1	1 WWP1P1	K05633
ENSG00000244155	5.13E-15	-2.63127	1	1 CYP4F34P	-
ENSG00000244157	5.13E-15	-2.63127	1	1 RP11-190P13.1	K03259
ENSG00000244158	5.13E-15	-2.63127	1	1 RP1-93H18.6	-
ENSG00000244167	5.13E-15	-2.63127	1	1 RP4-733B9.1	K14557
ENSG00000244169	5.13E-15	-2.63127	1	1 RN7SL120P	-
ENSG00000244183	5.13E-15	-2.63127	1	1 RP11-641C17.1	K03767
ENSG00000244192	5.13E-15	-2.63127	1	1 RP11-114H7.1	K02868
ENSG00000244193	5.13E-15	-2.63127	1	1 RP11-379K17.5	K14365
ENSG00000244194	5.13E-15	-2.63127	1	1 RN7SL218P	-
ENSG00000244196	5.13E-15	-2.63127	1	1 PPIAP15	K03767
ENSG00000244197	5.13E-15	-2.63127	1	1 RN7SL766P	-
ENSG00000244199	5.13E-15	-2.63127	1	1 RP11-139K4.4	K03259
ENSG00000244203	5.13E-15	-2.63127	1	1 FOXP1-AS1	-
ENSG00000244211	5.13E-15	-2.63127	1	1 PDZK1P2	-
ENSG00000244213	5.13E-15	-2.63127	1	1 ZFAND6P1	K01555
ENSG00000244214	5.13E-15	-2.63127	1	1 RP11-298O21.7	-
ENSG00000244215	5.13E-15	-2.63127	1	1 RP11-88I21.2	-
ENSG00000244217	5.13E-15	-2.63127	1	1 RPS4XP10	K02987
ENSG00000244222	5.13E-15	-2.63127	1	1 OR7E121P	K04257
ENSG00000244226	5.13E-15	-2.63127	1	1 ILF2P1	K13089
ENSG00000244227	5.13E-15	-2.63127	1	1 RP11-298O21.5	-
ENSG00000244229	5.13E-15	-2.63127	1	1 RPL26P35	K02898
ENSG00000244230	5.13E-15	-2.63127	1	1 RN7SL151P	-
ENSG00000244231	5.13E-15	-2.63127	1	1 CSPG4P2Y	-
ENSG00000244232	5.13E-15	-2.63127	1	1 RN7SL698P	-

ENSG00000244234	5.13E-15	-2.63127	1	1 GMCL1P1	K10485
ENSG00000244235	5.13E-15	-2.63127	1	1 RP11-589C21.1	-
ENSG00000244237	5.13E-15	-2.63127	1	1 RP11-1046B16.1	K02896
ENSG00000244239	5.13E-15	-2.63127	1	1 AC007009.1	-
ENSG00000244244	5.13E-15	-2.63127	1	1 RPS3AP42	K02984
ENSG00000244245	5.13E-15	-2.63127	1	1 RP11-120B7.1	K02969
ENSG00000244246	5.13E-15	-2.63127	1	1 ZNF736P8Y	K09228
ENSG00000244247	5.13E-15	-2.63127	1	1 RP11-139K4.2	-
ENSG00000244249	5.13E-15	-2.63127	1	1 RP11-441M10.1	K02981
ENSG00000244251	5.13E-15	-2.63127	1	1 RP11-64K12.1	K02940
ENSG00000244252	5.13E-15	-2.63127	1	1 RP11-495P10.7	-
ENSG00000244253	5.13E-15	-2.63127	1	1 RPS29P24	-
ENSG00000244255	5.13E-15	-2.63127	1	1 CFB	K01335
ENSG00000244259	5.13E-15	-2.63127	1	1 AP000797.1	K02877
ENSG00000244260	5.13E-15	-2.63127	1	1 RP11-521D12.2	-
ENSG00000244264	5.13E-15	-2.63127	1	1 RN7SL597P	-
ENSG00000244266	5.13E-15	-2.63127	1	1 RP11-112N23.1	K02898
ENSG00000244267	5.13E-15	-2.63127	1	1 RPL34P22	K02915
ENSG00000244270	5.13E-15	-2.63127	1	1 RPL32P29	-
ENSG00000244273	5.13E-15	-2.63127	1	1 PGBD4P1	-
ENSG00000244278	5.13E-15	-2.63127	1	1 AP000235.3	-
ENSG00000244281	5.13E-15	-2.63127	1	1 RP11-564P9.1	-
ENSG00000244283	5.13E-15	-2.63127	1	1 RPL23AP73	K02893
ENSG00000244286	5.13E-15	-2.63127	1	1 ITGB5-AS1	-
ENSG00000244289	5.13E-15	-2.63127	1	1 RPS3AP35	K02984
ENSG00000244292	5.13E-15	-2.63127	1	1 OR9N1P	-
ENSG00000244294	5.13E-15	-2.63127	1	1 RN7SL740P	-
ENSG00000244295	5.13E-15	-2.63127	1	1 RPS20P21	K02969
ENSG00000244296	5.13E-15	-2.63127	1	1 RN7SL168P	-
ENSG00000244297	5.13E-15	-2.63127	1	1 RN7SL465P	-
ENSG00000244301	5.13E-15	-2.63127	1	1 AOX3P	K00157
ENSG00000244302	5.13E-15	-2.63127	1	1 PEX5L-AS2	-
ENSG00000244308	5.13E-15	-2.63127	1	1 RN7SL762P	-
ENSG00000244310	5.13E-15	-2.63127	1	1 RP11-734K21.3	-
ENSG00000244314	5.13E-15	-2.63127	1	1 RN7SL36P	-
ENSG00000244318	5.13E-15	-2.63127	1	1 RN7SL252P	-
ENSG00000244321	5.13E-15	-2.63127	1	1 RP11-450H5.1	-
ENSG00000244326	5.13E-15	-2.63127	1	1 RN7SL814P	-
ENSG00000244328	5.13E-15	-2.63127	1	1 RN7SL845P	-
ENSG00000244329	5.13E-15	-2.63127	1	1 UBA52P9	-
ENSG00000244331	5.13E-15	-2.63127	1	1 CTB-47B8.1	K02943
ENSG00000244335	5.13E-15	-2.63127	1	1 RN7SL687P	-
ENSG00000244337	5.13E-15	-2.63127	1	1 AJ239322.3	-
ENSG00000244342	5.13E-15	-2.63127	1	1 LINC00698	-
ENSG00000244345	5.13E-15	-2.63127	1	1 RP11-654C22.2	-
ENSG00000244346	5.13E-15	-2.63127	1	1 RP11-531F16.3	K04613
ENSG00000244349	5.13E-15	-2.63127	1	1 HCG16	-
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ENSG00000244356	5.13E-15	-2.63127	1	1 RN7SL398P	-
ENSG00000244357	5.13E-15	-2.63127	1	1 RN7SL145P	-
ENSG00000244358	5.13E-15	-2.63127	1	1 RP11-88H10.2	-
ENSG00000244361	5.13E-15	-2.63127	1	1 RPL30P7	K02908
ENSG00000244362	5.13E-15	-2.63127	1	1 KRTAP19-7	-
ENSG00000244371	5.13E-15	-2.63127	1	1 PFN1P8	K05759
ENSG00000244372	5.13E-15	-2.63127	1	1 RN7SL423P	-
ENSG00000244376	5.13E-15	-2.63127	1	1 RN7SL636P	-
ENSG00000244380	5.13E-15	-2.63127	1	1 RP11-24C3.2	-
ENSG00000244381	5.13E-15	-2.63127	1	1 RP11-3K16.1	K00237

ENSG00000244382	5.13E-15	-2.63127	1	1 RP11-373I8.1	-
ENSG00000244383	5.13E-15	-2.63127	1	1 RP11-475O23.3	-
ENSG00000244384	5.13E-15	-2.63127	1	1 RN7SL359P	-
ENSG00000244389	5.13E-15	-2.63127	1	1 RN7SL242P	-
ENSG00000244390	5.13E-15	-2.63127	1	1 RPS6P22	K02991
ENSG00000244391	5.13E-15	-2.63127	1	1 RN7SL330P	-
ENSG00000244392	5.13E-15	-2.63127	1	1 RN7SL869P	-
ENSG00000244395	5.13E-15	-2.63127	1	1 RBMY1D	K12885
ENSG00000244400	5.13E-15	-2.63127	1	1 RPS4XP12	-
ENSG00000244402	5.13E-15	-2.63127	1	1 RN7SL314P	-
ENSG00000244404	5.13E-15	-2.63127	1	1 RN7SL216P	-
ENSG00000244411	5.13E-15	-2.63127	1	1 KRTAP5-7	-
ENSG00000244413	5.13E-15	-2.63127	1	1 RP11-1057B8.1	K02893
ENSG00000244414	5.13E-15	-2.63127	1	1 CFHR1	K04004
ENSG00000244422	5.13E-15	-2.63127	1	1 RPL38P3	K02923
ENSG00000244424	5.13E-15	-2.63127	1	1 RN7SL829P	-
ENSG00000244425	5.13E-15	-2.63127	1	1 RN7SL268P	-
ENSG00000244427	5.13E-15	-2.63127	1	1 RP11-52B19.1	K02984
ENSG00000244429	5.13E-15	-2.63127	1	1 RP11-12N13.1	K11090
ENSG00000244432	5.13E-15	-2.63127	1	1 RPL39P28	K02924
ENSG00000244433	5.13E-15	-2.63127	1	1 PGBD4P7	K15299
ENSG00000244436	5.13E-15	-2.63127	1	1 RP11-428G5.1	-
ENSG00000244437	5.13E-15	-2.63127	1	1 IGKV3-15	-
ENSG00000244438	5.13E-15	-2.63127	1	1 RN7SL327P	-
ENSG00000244451	5.13E-15	-2.63127	1	1 RPL34P21	K02915
ENSG00000244456	5.13E-15	-2.63127	1	1 AC090774.2	-
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ENSG00000244461	5.13E-15	-2.63127	1	1 RP11-354H21.1	-
ENSG00000244464	5.13E-15	-2.63127	1	1 RP11-201E8.1	-
ENSG00000244470	5.13E-15	-2.63127	1	1 RP11-395M19.1	K02934
ENSG00000244471	5.13E-15	-2.63127	1	1 RP11-78J21.4	-
ENSG00000244474	5.13E-15	-2.63127	1	1 UGT1A4	K00699
ENSG00000244482	5.13E-15	-2.63127	1	1 LILRA6	K06512
ENSG00000244485	5.13E-15	-2.63127	1	1 RPL18P13	K02883
ENSG00000244493	5.13E-15	-2.63127	1	1 SLC9A9-AS2	-
ENSG00000244501	5.13E-15	-2.63127	1	1 RN7SL623P	-
ENSG00000244502	5.13E-15	-2.63127	1	1 HDAC11-AS1	-
ENSG00000244503	5.13E-15	-2.63127	1	1 RP11-278L15.6	K03231
ENSG00000244510	5.13E-15	-2.63127	1	1 GS1-124K5.7	K03121
ENSG00000244512	5.13E-15	-2.63127	1	1 RN7SL28P	-
ENSG00000244514	5.13E-15	-2.63127	1	1 RN7SL125P	-
ENSG00000244521	5.13E-15	-2.63127	1	1 RN7SL700P	-
ENSG00000244522	5.13E-15	-2.63127	1	1 AC092669.1	-
ENSG00000244528	5.13E-15	-2.63127	1	1 AC134873.1	K16941
ENSG00000244532	5.13E-15	-2.63127	1	1 RN7SL380P	-
ENSG00000244534	5.13E-15	-2.63127	1	1 RN7SL211P	-
ENSG00000244537	5.13E-15	-2.63127	1	1 KRTAP4-2	-
ENSG00000244538	5.13E-15	-2.63127	1	1 RP11-10G12.1	K02978
ENSG00000244540	5.13E-15	-2.63127	1	1 RP11-416A17.1	K02917
ENSG00000244541	5.13E-15	-2.63127	1	1 RP11-167H9.6	-
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ENSG00000244545	5.13E-15	-2.63127	1	1 RP11-788A4.1	-
ENSG00000244550	5.13E-15	-2.63127	1	1 RP5-905H7.3	-
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ENSG00000244561	5.13E-15	-2.63127	1	1 RP11-702L6.1	-
ENSG00000244563	5.13E-15	-2.63127	1	1 AC006011.4	-
ENSG00000244564	5.13E-15	-2.63127	1	1 RP11-14D22.1	-

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ENSG00000244571	5.13E-15	-2.63127	1	1 RP11-535I24.2	K02991
ENSG00000244573	5.13E-15	-2.63127	1	1 RPL30P11	K02908
ENSG00000244575	5.13E-15	-2.63127	1	1 IGKV1-27	-
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ENSG00000244585	5.13E-15	-2.63127	1	1 RPL12P33	K02870
ENSG00000244593	5.13E-15	-2.63127	1	1 RP11-685B14.1	K02865
ENSG00000244604	5.13E-15	-2.63127	1	1 RP11-713H12.1	K02976
ENSG00000244609	5.13E-15	-2.63127	1	1 RN7SL532P	-
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ENSG00000244615	5.13E-15	-2.63127	1	1 PSPC1P2	-
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ENSG00000244624	5.13E-15	-2.63127	1	1 KRTAP20-1	-
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ENSG00000244632	5.13E-15	-2.63127	1	1 RN7SL863P	-
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ENSG00000244641	5.13E-15	-2.63127	1	1 RPS26P43	K02976
ENSG00000244642	5.13E-15	-2.63127	1	1 RN7SL396P	-
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ENSG00000244653	5.13E-15	-2.63127	1	1 UBFD1P1	-
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ENSG00000244661	5.13E-15	-2.63127	1	1 TRBV12-1	-
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ENSG00000244666	5.13E-15	-2.63127	1	1 RN7SL853P	-
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ENSG00000244669	5.13E-15	-2.63127	1	1 RP11-158O16.1	K02991
ENSG00000244671	5.13E-15	-2.63127	1	1 RN7SL280P	-
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ENSG00000244676	5.13E-15	-2.63127	1	1 AL109761.5	-
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ENSG00000244682	5.13E-15	-2.63127	1	1 FCGR2C	K16824
ENSG00000244692	5.13E-15	-2.63127	1	1 RN7SL724P	-
ENSG00000244694	5.13E-15	-2.63127	1	1 PTCHD4	K17985
ENSG00000244699	5.13E-15	-2.63127	1	1 RP11-803B1.2	-
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ENSG00000244706	5.13E-15	-2.63127	1	1 RP11-298O21.3	-
ENSG00000244708	5.13E-15	-2.63127	1	1 RPL23P10	-
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ENSG00000244722	5.13E-15	-2.63127	1	1 RP11-179A18.1	K02998
ENSG00000244730	5.13E-15	-2.63127	1	1 RP13-1056D16.2	K12834
ENSG00000244731	5.13E-15	-2.63127	1	1 C4A	K03989
ENSG00000244732	5.13E-15	-2.63127	1	1 RN7SL870P	-
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ENSG00000244736	5.13E-15	-2.63127	1	1 RN7SL495P	-
ENSG00000244738	5.13E-15	-2.63127	1	1 RP11-373E16.3	-
ENSG00000244740	5.13E-15	-2.63127	1	1 RP11-463H24.1	K02910
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ENSG00000244756	5.13E-15	-2.63127	1	1 RP11-1042B17.1	K02922
ENSG00000244757	5.13E-15	-2.63127	1	1 RP11-45A16.4	-
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ENSG00000244953	5.13E-15	-2.63127	1	1 RP11-613D13.8	-
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ENSG00000245080	5.13E-15	-2.63127	1	1 MIR3150A	-
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ENSG00000245164	5.13E-15	-2.63127	1	1 LINC00861	-
ENSG00000245261	5.13E-15	-2.63127	1	1 RP3-330M21.5	-
ENSG00000245322	5.13E-15	-2.63127	1	1 RP11-15B17.1	-
ENSG00000245384	5.13E-15	-2.63127	1	1 AC004053.1	-
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ENSG00000245466	5.13E-15	-2.63127	1	1 CTD-2540L5.6	-
ENSG00000245468	5.13E-15	-2.63127	1	1 RP11-367J11.3	-
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ENSG00000245667	5.13E-15	-2.63127	1	1 RP5-940J5.8	-
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ENSG00000245832	5.13E-15	-2.63127	1	1 RP11-179A16.1	-
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ENSG00000245864	5.13E-15	-2.63127	1	1 CTC-467M3.1	-
ENSG00000245870	5.13E-15	-2.63127	1	1 LINC00682	-
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ENSG00000246022	5.13E-15	-2.63127	1	1 ALDH1L1-AS2	-
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ENSG00000246084	5.13E-15	-2.63127	1	1 CTD-2506J14.1	-
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ENSG00000246214	5.13E-15	-2.63127	1	1 RP11-260E18.1	-
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ENSG00000246350	5.13E-15	-2.63127	1	1 RP5-1186N24.3	-
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ENSG00000246375	5.13E-15	-2.63127	1	1 RP11-10L7.1	-
ENSG00000246379	5.13E-15	-2.63127	1	1 RP11-461O7.1	-
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ENSG00000246422	5.13E-15	-2.63127	1	1 CTD-2024I7.13	-
ENSG00000246448	5.13E-15	-2.63127	1	1 RP13-578N3.3	-
ENSG00000246528	5.13E-15	-2.63127	1	1 RP11-159H10.3	-
ENSG00000246541	5.13E-15	-2.63127	1	1 RP11-363G15.2	-
ENSG00000246548	5.13E-15	-2.63127	1	1 RP11-7F17.5	-
ENSG00000246596	5.13E-15	-2.63127	1	1 RP11-1277A3.2	-
ENSG00000246627	5.13E-15	-2.63127	1	1 CACNA1C-AS1	-
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ENSG00000246820	5.13E-15	-2.63127	1	1 RP11-379P15.1	-
ENSG00000246876	5.13E-15	-2.63127	1	1 RP11-519M16.1	-

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ENSG00000247131	5.13E-15	-2.63127	1	1 RP11-588G21.2	--
ENSG00000247157	5.13E-15	-2.63127	1	1 RP11-434C1.1	--
ENSG00000247193	5.13E-15	-2.63127	1	1 RP11-431M7.3	--
ENSG00000247213	5.13E-15	-2.63127	1	1 RP11-13G14.4	--
ENSG00000247270	5.13E-15	-2.63127	1	1 AC132186.1	K09228
ENSG00000247287	5.13E-15	-2.63127	1	1 RP11-902B17.1	--
ENSG00000247315	5.13E-15	-2.63127	1	1 AL034548.1	--
ENSG00000247381	5.13E-15	-2.63127	1	1 PDX1-AS1	--
ENSG00000247402	5.13E-15	-2.63127	1	1 CTD-2340E1.2	--
ENSG00000247416	5.13E-15	-2.63127	1	1 RP11-629G13.1	--
ENSG00000247570	5.13E-15	-2.63127	1	1 SDCBPP2	K17254
ENSG00000247699	5.13E-15	-2.63127	1	1 CTB-127C13.1	--
ENSG00000247732	5.13E-15	-2.63127	1	1 RP11-404K5.1	K10595
ENSG00000247746	5.13E-15	-2.63127	1	1 USP51	K11366
ENSG00000247763	5.13E-15	-2.63127	1	1 RP11-447H19.1	K07374
ENSG00000247765	5.13E-15	-2.63127	1	1 RP11-32B5.7	--
ENSG00000247775	5.13E-15	-2.63127	1	1 RP11-67M1.1	--
ENSG00000247810	5.13E-15	-2.63127	1	1 RP11-103J17.1	--
ENSG00000247867	5.13E-15	-2.63127	1	1 CTD-2530H12.1	--
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ENSG00000247970	5.13E-15	-2.63127	1	1 RP11-543C4.1	--
ENSG00000247993	5.13E-15	-2.63127	1	1 RP11-79P5.2	--
ENSG00000248029	5.13E-15	-2.63127	1	1 CTD-2313F11.3	--
ENSG00000248050	5.13E-15	-2.63127	1	1 RP11-422N16.3	--
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ENSG00000248101	5.13E-15	-2.63127	1	1 AC002116.8	--
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ENSG00000248105	5.13E-15	-2.63127	1	1 CTD-2218K11.3	--
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ENSG00000248114	5.13E-15	-2.63127	1	1 AC114812.9	--
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ENSG00000248117	5.13E-15	-2.63127	1	1 MINOS1P4	--
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ENSG00000248138	5.13E-15	-2.63127	1	1 RP11-446J8.1	--
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ENSG00000248143	5.13E-15	-2.63127	1	1 RP11-324J13.2	--
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ENSG00000248148	5.13E-15	-2.63127	1	1 RP11-357F12.1	--
ENSG00000248150	5.13E-15	-2.63127	1	1 RP1-167G20.1	--
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ENSG00000248159	5.13E-15	-2.63127	1	1 HSPA8P11	K03283
ENSG00000248160	5.13E-15	-2.63127	1	1 RP11-432M8.14	-
ENSG00000248162	5.13E-15	-2.63127	1	1 RP11-294O2.1	K16729
ENSG00000248165	5.13E-15	-2.63127	1	1 RP11-44F21.2	-
ENSG00000248166	5.13E-15	-2.63127	1	1 AC008984.2	-
ENSG00000248167	5.13E-15	-2.63127	1	1 TRIM39-RPP21	K12015
ENSG00000248170	5.13E-15	-2.63127	1	1 RP11-1072N2.4	-
ENSG00000248173	5.13E-15	-2.63127	1	1 RP11-659O3.1	-
ENSG00000248174	5.13E-15	-2.63127	1	1 RP11-148L24.1	-
ENSG00000248176	5.13E-15	-2.63127	1	1 RP11-472K22.1	-
ENSG00000248180	5.13E-15	-2.63127	1	1 GAPDHP60	K00134
ENSG00000248184	5.13E-15	-2.63127	1	1 RP11-231C18.1	-
ENSG00000248185	5.13E-15	-2.63127	1	1 CTD-2049O17.1	-
ENSG00000248188	5.13E-15	-2.63127	1	1 RP11-442P12.2	K09548
ENSG00000248191	5.13E-15	-2.63127	1	1 PES1P1	K14843
ENSG00000248192	5.13E-15	-2.63127	1	1 ATG10-AS1	-
ENSG00000248195	5.13E-15	-2.63127	1	1 CTC-261N6.3	-
ENSG00000248197	5.13E-15	-2.63127	1	1 LINC00290	-
ENSG00000248199	5.13E-15	-2.63127	1	1 CTD-2244C20.2	-
ENSG00000248200	5.13E-15	-2.63127	1	1 RP11-115A14.1	K02880
ENSG00000248202	5.13E-15	-2.63127	1	1 RP11-455B3.1	-
ENSG00000248203	5.13E-15	-2.63127	1	1 CTC-503K11.2	-
ENSG00000248205	5.13E-15	-2.63127	1	1 RP11-321E2.11	K11253
ENSG00000248208	5.13E-15	-2.63127	1	1 RP11-153M7.1	-
ENSG00000248209	5.13E-15	-2.63127	1	1 RP11-18O11.1	K03134
ENSG00000248210	5.13E-15	-2.63127	1	1 RP11-24I21.1	-
ENSG00000248211	5.13E-15	-2.63127	1	1 TRPC7-AS1	-
ENSG00000248215	5.13E-15	-2.63127	1	1 RP11-722M1.1	-
ENSG00000248216	5.13E-15	-2.63127	1	1 RP11-648M2.2	-
ENSG00000248221	5.13E-15	-2.63127	1	1 STX18-IT1	-
ENSG00000248222	5.13E-15	-2.63127	1	1 CTB-174D11.1	-
ENSG00000248227	5.13E-15	-2.63127	1	1 RP11-83C7.1	-
ENSG00000248228	5.13E-15	-2.63127	1	1 SLIT2-IT1	-
ENSG00000248229	5.13E-15	-2.63127	1	1 RP11-366M4.12	-
ENSG00000248231	5.13E-15	-2.63127	1	1 KRT8P4	K07605
ENSG00000248236	5.13E-15	-2.63127	1	1 CTD-2151A2.2	-
ENSG00000248237	5.13E-15	-2.63127	1	1 RP11-593F5.1	K02270
ENSG00000248242	5.13E-15	-2.63127	1	1 RP11-556I14.2	-
ENSG00000248243	5.13E-15	-2.63127	1	1 RP11-93K22.13	-
ENSG00000248245	5.13E-15	-2.63127	1	1 CTB-49A3.2	-
ENSG00000248249	5.13E-15	-2.63127	1	1 RP11-598O12.1	K16733
ENSG00000248259	5.13E-15	-2.63127	1	1 RP11-63H19.5	-
ENSG00000248261	5.13E-15	-2.63127	1	1 CTD-2333K2.1	-
ENSG00000248262	5.13E-15	-2.63127	1	1 RP11-1J7.1	-
ENSG00000248266	5.13E-15	-2.63127	1	1 RP11-402C9.1	-
ENSG00000248268	5.13E-15	-2.63127	1	1 CTC-499J9.1	-
ENSG00000248271	5.13E-15	-2.63127	1	1 PGAM1P1	K01834
ENSG00000248279	5.13E-15	-2.63127	1	1 CTD-2218G20.2	-
ENSG00000248281	5.13E-15	-2.63127	1	1 RP11-174E22.2	K01363
ENSG00000248282	5.13E-15	-2.63127	1	1 RP11-112L18.1	-
ENSG00000248283	5.13E-15	-2.63127	1	1 RP11-473D24.1	-
ENSG00000248285	5.13E-15	-2.63127	1	1 RP11-158J3.2	-
ENSG00000248286	5.13E-15	-2.63127	1	1 RP11-811J10.1	K00507
ENSG00000248287	5.13E-15	-2.63127	1	1 SCGB1D5P	-
ENSG00000248288	5.13E-15	-2.63127	1	1 CTD-2194F4.2	K02932
ENSG00000248290	5.13E-15	-2.63127	1	1 TNXA	K06252
ENSG00000248293	5.13E-15	-2.63127	1	1 CTC-281M20.3	K11644

ENSG00000248294	5.13E-15	-2.63127	1	1 CTD-2023N9.2	-
ENSG00000248295	5.13E-15	-2.63127	1	1 CTC-555I19.1	K17043
ENSG00000248296	5.13E-15	-2.63127	1	1 CTD-2308B18.3	-
ENSG00000248300	5.13E-15	-2.63127	1	1 RP11-74M11.2	-
ENSG00000248302	5.13E-15	-2.63127	1	1 Z95704.4	K15464
ENSG00000248305	5.13E-15	-2.63127	1	1 RP11-310A13.2	K17306
ENSG00000248307	5.13E-15	-2.63127	1	1 LINC00616	-
ENSG00000248308	5.13E-15	-2.63127	1	1 RP11-697E23.1	-
ENSG00000248309	5.13E-15	-2.63127	1	1 MEF2C-AS1	-
ENSG00000248311	5.13E-15	-2.63127	1	1 CTD-2161F6.2	-
ENSG00000248313	5.13E-15	-2.63127	1	1 CYP4F27P	K17726
ENSG00000248315	5.13E-15	-2.63127	1	1 RP11-3N2.11	-
ENSG00000248317	5.13E-15	-2.63127	1	1 RP11-463H12.2	-
ENSG00000248319	5.13E-15	-2.63127	1	1 RP11-205M3.3	-
ENSG00000248320	5.13E-15	-2.63127	1	1 PRKRIRP9	-
ENSG00000248322	5.13E-15	-2.63127	1	1 RP4-559A3.6	-
ENSG00000248327	5.13E-15	-2.63127	1	1 RP11-443J23.1	-
ENSG00000248328	5.13E-15	-2.63127	1	1 RP11-63H19.6	-
ENSG00000248329	5.13E-15	-2.63127	1	1 RP11-366M4.3	-
ENSG00000248330	5.13E-15	-2.63127	1	1 LINC00613	-
ENSG00000248332	5.13E-15	-2.63127	1	1 RP11-236J17.5	-
ENSG00000248335	5.13E-15	-2.63127	1	1 RP11-102N12.2	-
ENSG00000248336	5.13E-15	-2.63127	1	1 HMGN1P11	K11299
ENSG00000248337	5.13E-15	-2.63127	1	1 RP11-432M8.18	-
ENSG00000248338	5.13E-15	-2.63127	1	1 RP11-472K22.2	-
ENSG00000248339	5.13E-15	-2.63127	1	1 RP11-717H13.1	-
ENSG00000248340	5.13E-15	-2.63127	1	1 RP11-293A21.2	-
ENSG00000248341	5.13E-15	-2.63127	1	1 AC115115.2	-
ENSG00000248343	5.13E-15	-2.63127	1	1 RP11-556G22.2	-
ENSG00000248345	5.13E-15	-2.63127	1	1 RP11-262D11.1	-
ENSG00000248347	5.13E-15	-2.63127	1	1 RP11-1134I14.2	K17299
ENSG00000248349	5.13E-15	-2.63127	1	1 RP11-79C6.1	-
ENSG00000248350	5.13E-15	-2.63127	1	1 CTC-470E21.1	K19765
ENSG00000248351	5.13E-15	-2.63127	1	1 HSPD1P18	K04077
ENSG00000248355	5.13E-15	-2.63127	1	1 ARL2BPP6	K16742
ENSG00000248356	5.13E-15	-2.63127	1	1 RP11-557J10.4	-
ENSG00000248358	5.13E-15	-2.63127	1	1 AE000658.31	-
ENSG00000248359	5.13E-15	-2.63127	1	1 CTC-537E7.2	-
ENSG00000248360	5.13E-15	-2.63127	1	1 LINC00504	-
ENSG00000248362	5.13E-15	-2.63127	1	1 CTC-327F10.5	-
ENSG00000248363	5.13E-15	-2.63127	1	1 CTC-261N6.1	-
ENSG00000248364	5.13E-15	-2.63127	1	1 OR7E86P	K04257
ENSG00000248365	5.13E-15	-2.63127	1	1 POU5F1P7	-
ENSG00000248366	5.13E-15	-2.63127	1	1 TRAJ51	-
ENSG00000248369	5.13E-15	-2.63127	1	1 RP11-62N21.1	-
ENSG00000248371	5.13E-15	-2.63127	1	1 CTC-347C20.2	-
ENSG00000248373	5.13E-15	-2.63127	1	1 RP11-556I14.1	-
ENSG00000248374	5.13E-15	-2.63127	1	1 RP11-501M7.1	-
ENSG00000248376	5.13E-15	-2.63127	1	1 RP11-692E14.1	K14563
ENSG00000248378	5.13E-15	-2.63127	1	1 RP11-5N11.5	-
ENSG00000248383	5.13E-15	-2.63127	1	1 PCDHAC1	K16493
ENSG00000248385	5.13E-15	-2.63127	1	1 TARM1	K12022
ENSG00000248387	5.13E-15	-2.63127	1	1 RP11-781M16.1	-
ENSG00000248388	5.13E-15	-2.63127	1	1 RP11-313E19.2	-
ENSG00000248391	5.13E-15	-2.63127	1	1 CTD-2010I22.2	-
ENSG00000248393	5.13E-15	-2.63127	1	1 CTD-2015A6.1	-
ENSG00000248396	5.13E-15	-2.63127	1	1 TOMM22P4	K17769
ENSG00000248397	5.13E-15	-2.63127	1	1 LINC00498	-

ENSG00000248399	5.13E-15	-2.63127	1	1 RP11-503N18.4	-
ENSG00000248400	5.13E-15	-2.63127	1	1 ST13P12	K09560
ENSG00000248401	5.13E-15	-2.63127	1	1 RP11-576N17.3	K00605
ENSG00000248403	5.13E-15	-2.63127	1	1 NACAP6	K03626
ENSG00000248406	5.13E-15	-2.63127	1	1 CTD-3105H18.4	K09228
ENSG00000248408	5.13E-15	-2.63127	1	1 RP11-452C8.1	-
ENSG00000248409	5.13E-15	-2.63127	1	1 KB-1269D1.8	-
ENSG00000248415	5.13E-15	-2.63127	1	1 GAPDHP61	K00134
ENSG00000248417	5.13E-15	-2.63127	1	1 RP11-802H3.2	-
ENSG00000248418	5.13E-15	-2.63127	1	1 UBL5P1	K13113
ENSG00000248419	5.13E-15	-2.63127	1	1 RP11-136I13.2	-
ENSG00000248420	5.13E-15	-2.63127	1	1 MTATP6P9	K02126
ENSG00000248422	5.13E-15	-2.63127	1	1 RP11-432M8.7	-
ENSG00000248423	5.13E-15	-2.63127	1	1 RP11-235P11.1	K04644
ENSG00000248424	5.13E-15	-2.63127	1	1 OR51K1P	K04257
ENSG00000248425	5.13E-15	-2.63127	1	1 AC006296.2	-
ENSG00000248426	5.13E-15	-2.63127	1	1 CTD-2533K21.2	-
ENSG00000248428	5.13E-15	-2.63127	1	1 CTC-551A13.1	-
ENSG00000248429	5.13E-15	-2.63127	1	1 RP11-597D13.9	-
ENSG00000248430	5.13E-15	-2.63127	1	1 HMGB3P16	K11296
ENSG00000248431	5.13E-15	-2.63127	1	1 AC005150.1	-
ENSG00000248434	5.13E-15	-2.63127	1	1 RP11-553P9.2	-
ENSG00000248439	5.13E-15	-2.63127	1	1 RP11-402J6.2	K02893
ENSG00000248440	5.13E-15	-2.63127	1	1 RP11-231G15.1	-
ENSG00000248441	5.13E-15	-2.63127	1	1 CTD-2536I1.1	-
ENSG00000248442	5.13E-15	-2.63127	1	1 OR10J7P	K04257
ENSG00000248443	5.13E-15	-2.63127	1	1 RP11-284A20.3	-
ENSG00000248444	5.13E-15	-2.63127	1	1 HNRNPA1P65	K12741
ENSG00000248447	5.13E-15	-2.63127	1	1 RP11-633G11.1	K12037
ENSG00000248448	5.13E-15	-2.63127	1	1 COX5BP1	K02265
ENSG00000248449	5.13E-15	-2.63127	1	1 PCDHGB8P	K16495
ENSG00000248452	5.13E-15	-2.63127	1	1 RP11-324H7.1	K09228
ENSG00000248455	5.13E-15	-2.63127	1	1 RP11-321E2.3	-
ENSG00000248456	5.13E-15	-2.63127	1	1 RP11-553P9.3	-
ENSG00000248457	5.13E-15	-2.63127	1	1 RP11-419C19.2	-
ENSG00000248458	5.13E-15	-2.63127	1	1 AL139147.1	-
ENSG00000248459	5.13E-15	-2.63127	1	1 RP11-93K22.1	K02962
ENSG00000248461	5.13E-15	-2.63127	1	1 CTD-2207A17.1	-
ENSG00000248462	5.13E-15	-2.63127	1	1 CTD-2042D5.1	-
ENSG00000248464	5.13E-15	-2.63127	1	1 FGF10-AS1	-
ENSG00000248466	5.13E-15	-2.63127	1	1 RP11-640B6.1	-
ENSG00000248467	5.13E-15	-2.63127	1	1 CTD-2161F6.1	-
ENSG00000248468	5.13E-15	-2.63127	1	1 RP11-517B11.4	-
ENSG00000248469	5.13E-15	-2.63127	1	1 RP11-826N14.2	-
ENSG00000248471	5.13E-15	-2.63127	1	1 RP11-432M8.15	K03135
ENSG00000248472	5.13E-15	-2.63127	1	1 DDX11L9	K11273
ENSG00000248474	5.13E-15	-2.63127	1	1 CTD-2292M14.1	-
ENSG00000248475	5.13E-15	-2.63127	1	1 RP11-479O16.1	-
ENSG00000248477	5.13E-15	-2.63127	1	1 RP11-848G14.2	K12807
ENSG00000248478	5.13E-15	-2.63127	1	1 RP11-3G20.2	-
ENSG00000248480	5.13E-15	-2.63127	1	1 RP11-313E19.1	-
ENSG00000248482	5.13E-15	-2.63127	1	1 CTC-276P9.3	-
ENSG00000248483	5.13E-15	-2.63127	1	1 POU5F2	K17985
ENSG00000248484	5.13E-15	-2.63127	1	1 RP11-375B1.1	-
ENSG00000248485	5.13E-15	-2.63127	1	1 PCP4L1	-
ENSG00000248486	5.13E-15	-2.63127	1	1 RP1-137K24.1	-
ENSG00000248488	5.13E-15	-2.63127	1	1 PGAM4P2	K01834
ENSG00000248490	5.13E-15	-2.63127	1	1 CTD-3007L5.1	-

ENSG00000248492	5.13E-15	-2.63127	1	1 ZFAT-AS1	--
ENSG00000248493	5.13E-15	-2.63127	1	1 AC005351.1	--
ENSG00000248494	5.13E-15	-2.63127	1	1 LNX1-AS2	--
ENSG00000248503	5.13E-15	-2.63127	1	1 RP5-1000K24.2	--
ENSG00000248505	5.13E-15	-2.63127	1	1 RP11-319E12.1	--
ENSG00000248506	5.13E-15	-2.63127	1	1 RP11-93I21.2	K07374
ENSG00000248507	5.13E-15	-2.63127	1	1 OR5H4P	K04257
ENSG00000248510	5.13E-15	-2.63127	1	1 RP11-145G20.1	--
ENSG00000248511	5.13E-15	-2.63127	1	1 RP11-9B6.1	--
ENSG00000248516	5.13E-15	-2.63127	1	1 RP11-265O12.1	--
ENSG00000248517	5.13E-15	-2.63127	1	1 RP11-386B13.4	--
ENSG00000248518	5.13E-15	-2.63127	1	1 RP11-231C18.2	--
ENSG00000248522	5.13E-15	-2.63127	1	1 SBF1P1	K18061
ENSG00000248525	5.13E-15	-2.63127	1	1 CTD-2001E22.1	--
ENSG00000248528	5.13E-15	-2.63127	1	1 CTC-458G6.2	--
ENSG00000248529	5.13E-15	-2.63127	1	1 RP11-2O17.2	--
ENSG00000248530	5.13E-15	-2.63127	1	1 RP11-517B11.2	--
ENSG00000248531	5.13E-15	-2.63127	1	1 NDUFA5P12	K03949
ENSG00000248532	5.13E-15	-2.63127	1	1 RP11-241F15.5	--
ENSG00000248533	5.13E-15	-2.63127	1	1 CTD-2130F23.1	--
ENSG00000248537	5.13E-15	-2.63127	1	1 CTD-2201E9.4	--
ENSG00000248538	5.13E-15	-2.63127	1	1 RP11-10A14.5	--
ENSG00000248539	5.13E-15	-2.63127	1	1 CTD-2194L12.2	--
ENSG00000248540	5.13E-15	-2.63127	1	1 RP11-247C2.2	K15696
ENSG00000248542	5.13E-15	-2.63127	1	1 RP11-432M8.16	K03135
ENSG00000248543	5.13E-15	-2.63127	1	1 NPM1P41	K11276
ENSG00000248544	5.13E-15	-2.63127	1	1 CTB-47B11.3	--
ENSG00000248545	5.13E-15	-2.63127	1	1 RP11-302F12.3	--
ENSG00000248547	5.13E-15	-2.63127	1	1 RP11-468N14.6	K10523
ENSG00000248548	5.13E-15	-2.63127	1	1 MTND4P8	--
ENSG00000248550	5.13E-15	-2.63127	1	1 OTX2-AS1	--
ENSG00000248551	5.13E-15	-2.63127	1	1 RP11-287F9.2	--
ENSG00000248552	5.13E-15	-2.63127	1	1 RP11-138A23.1	--
ENSG00000248553	5.13E-15	-2.63127	1	1 OR52H2P	K04257
ENSG00000248555	5.13E-15	-2.63127	1	1 RP11-61G23.1	--
ENSG00000248557	5.13E-15	-2.63127	1	1 RP11-390G14.1	--
ENSG00000248560	5.13E-15	-2.63127	1	1 CTB-14A14.2	--
ENSG00000248564	5.13E-15	-2.63127	1	1 RP11-478C6.2	--
ENSG00000248565	5.13E-15	-2.63127	1	1 TECRP2	K10258
ENSG00000248567	5.13E-15	-2.63127	1	1 RP11-545L5.1	--
ENSG00000248572	5.13E-15	-2.63127	1	1 EGFLAM-AS2	--
ENSG00000248573	5.13E-15	-2.63127	1	1 PRYP6	--
ENSG00000248574	5.13E-15	-2.63127	1	1 ADAM20P2	K08609
ENSG00000248577	5.13E-15	-2.63127	1	1 RP11-122C5.2	K18157
ENSG00000248578	5.13E-15	-2.63127	1	1 NPM1P21	K11276
ENSG00000248583	5.13E-15	-2.63127	1	1 RP11-241F15.1	K17299
ENSG00000248585	5.13E-15	-2.63127	1	1 RP11-90P5.1	--
ENSG00000248586	5.13E-15	-2.63127	1	1 CTD-2516K3.3	K14799
ENSG00000248587	5.13E-15	-2.63127	1	1 GDNF-AS1	--
ENSG00000248591	5.13E-15	-2.63127	1	1 CTD-2351A8.1	--
ENSG00000248593	5.13E-15	-2.63127	1	1 DSTNP2	K10363
ENSG00000248594	5.13E-15	-2.63127	1	1 AC003029.1	K19526
ENSG00000248596	5.13E-15	-2.63127	1	1 RP11-844P9.2	--
ENSG00000248597	5.13E-15	-2.63127	1	1 RP11-259O2.2	--
ENSG00000248600	5.13E-15	-2.63127	1	1 CTD-2308B18.4	--
ENSG00000248601	5.13E-15	-2.63127	1	1 RP11-310I9.1	--
ENSG00000248605	5.13E-15	-2.63127	1	1 CTD-2306M5.1	--
ENSG00000248608	5.13E-15	-2.63127	1	1 RP11-206P5.2	K01858

ENSG00000248610	5.13E-15	-2.63127	1	1 HSPA8P4	K03283
ENSG00000248611	5.13E-15	-2.63127	1	1 RP11-158C21.3	K00602
ENSG00000248613	5.13E-15	-2.63127	1	1 RP11-468N14.7	-
ENSG00000248616	5.13E-15	-2.63127	1	1 CTB-1I21.2	-
ENSG00000248618	5.13E-15	-2.63127	1	1 ENPP7P3	-
ENSG00000248621	5.13E-15	-2.63127	1	1 RP11-5K16.3	-
ENSG00000248624	5.13E-15	-2.63127	1	1 RP11-5N11.2	-
ENSG00000248625	5.13E-15	-2.63127	1	1 RP11-205M3.1	K05019
ENSG00000248626	5.13E-15	-2.63127	1	1 GAPDHP40	K00134
ENSG00000248627	5.13E-15	-2.63127	1	1 RP11-428L21.1	-
ENSG00000248629	5.13E-15	-2.63127	1	1 RP11-154F14.2	-
ENSG00000248631	5.13E-15	-2.63127	1	1 RP11-425E13.1	-
ENSG00000248632	5.13E-15	-2.63127	1	1 RP11-366M4.11	K12029
ENSG00000248633	5.13E-15	-2.63127	1	1 WRBP1	-
ENSG00000248634	5.13E-15	-2.63127	1	1 CTC-573M9.1	-
ENSG00000248635	5.13E-15	-2.63127	1	1 RP11-1267H10.4	K00699
ENSG00000248636	5.13E-15	-2.63127	1	1 RP11-768F21.1	-
ENSG00000248637	5.13E-15	-2.63127	1	1 RP11-485C11.1	K10580
ENSG00000248639	5.13E-15	-2.63127	1	1 RP11-642E20.2	K00699
ENSG00000248640	5.13E-15	-2.63127	1	1 HNRNPA1P56	K12741
ENSG00000248641	5.13E-15	-2.63127	1	1 HMGA1P2	K09282
ENSG00000248642	5.13E-15	-2.63127	1	1 OR10J2P	K04257
ENSG00000248645	5.13E-15	-2.63127	1	1 RP11-366M4.6	K12029
ENSG00000248646	5.13E-15	-2.63127	1	1 RP11-567N4.2	-
ENSG00000248647	5.13E-15	-2.63127	1	1 RP11-331K21.1	-
ENSG00000248651	5.13E-15	-2.63127	1	1 GCSHP1	K02437
ENSG00000248652	5.13E-15	-2.63127	1	1 RP11-101B14.4	-
ENSG00000248654	5.13E-15	-2.63127	1	1 RP11-302F12.5	K02262
ENSG00000248659	5.13E-15	-2.63127	1	1 RP11-263I1.1	-
ENSG00000248660	5.13E-15	-2.63127	1	1 SRIP1	-
ENSG00000248667	5.13E-15	-2.63127	1	1 CTD-2331D11.2	-
ENSG00000248669	5.13E-15	-2.63127	1	1 RP11-489M13.2	K04257
ENSG00000248672	5.13E-15	-2.63127	1	1 LY75-CD302	K06559
ENSG00000248673	5.13E-15	-2.63127	1	1 CTC-419K13.1	-
ENSG00000248674	5.13E-15	-2.63127	1	1 RBBP4P6	-
ENSG00000248676	5.13E-15	-2.63127	1	1 RP11-766F14.1	-
ENSG00000248682	5.13E-15	-2.63127	1	1 ARHGAP22-IT1	-
ENSG00000248684	5.13E-15	-2.63127	1	1 BIN2P2	-
ENSG00000248685	5.13E-15	-2.63127	1	1 RP11-548L20.1	-
ENSG00000248686	5.13E-15	-2.63127	1	1 RP11-557J10.5	-
ENSG00000248687	5.13E-15	-2.63127	1	1 RP11-42L13.2	-
ENSG00000248692	5.13E-15	-2.63127	1	1 RP11-84A1.3	-
ENSG00000248694	5.13E-15	-2.63127	1	1 RP11-18D7.2	-
ENSG00000248697	5.13E-15	-2.63127	1	1 TOX4P1	-
ENSG00000248699	5.13E-15	-2.63127	1	1 CTD-2313D3.1	K05692
ENSG00000248701	5.13E-15	-2.63127	1	1 CTC-493L21.2	-
ENSG00000248702	5.13E-15	-2.63127	1	1 RP11-294J22.5	K17274
ENSG00000248703	5.13E-15	-2.63127	1	1 RP11-495K9.3	-
ENSG00000248704	5.13E-15	-2.63127	1	1 MTND4P2	-
ENSG00000248705	5.13E-15	-2.63127	1	1 AC114812.10	-
ENSG00000248708	5.13E-15	-2.63127	1	1 CTD-2316B1.2	-
ENSG00000248709	5.13E-15	-2.63127	1	1 CTC-505O3.2	-
ENSG00000248710	5.13E-15	-2.63127	1	1 RP11-432B6.3	K19678
ENSG00000248711	5.13E-15	-2.63127	1	1 AC006023.8	-
ENSG00000248715	5.13E-15	-2.63127	1	1 RP11-758B24.1	-
ENSG00000248716	5.13E-15	-2.63127	1	1 RP11-362M19.1	-
ENSG00000248717	5.13E-15	-2.63127	1	1 RP11-451H23.3	-
ENSG00000248719	5.13E-15	-2.63127	1	1 RP11-377G16.2	-

ENSG00000248720	5.13E-15	-2.63127	1	1 RFPL4AP5	--
ENSG00000248722	5.13E-15	-2.63127	1	1 AK3P4	--
ENSG00000248724	5.13E-15	-2.63127	1	1 NPHP3-AS1	--
ENSG00000248725	5.13E-15	-2.63127	1	1 RP11-218C23.1	--
ENSG00000248727	5.13E-15	-2.63127	1	1 CTC-236F12.4	--
ENSG00000248730	5.13E-15	-2.63127	1	1 EGFLAM-AS4	--
ENSG00000248731	5.13E-15	-2.63127	1	1 AC090103.1	K12581
ENSG00000248733	5.13E-15	-2.63127	1	1 CTD-2176I21.2	--
ENSG00000248735	5.13E-15	-2.63127	1	1 R3HDM2P1	--
ENSG00000248736	5.13E-15	-2.63127	1	1 RP11-35O7.1	--
ENSG00000248738	5.13E-15	-2.63127	1	1 RP11-87E22.2	--
ENSG00000248739	5.13E-15	-2.63127	1	1 RP11-654F3.1	--
ENSG00000248740	5.13E-15	-2.63127	1	1 RP11-328K4.1	--
ENSG00000248744	5.13E-15	-2.63127	1	1 RP11-362I1.1	--
ENSG00000248745	5.13E-15	-2.63127	1	1 NMNAT1P4	K06210
ENSG00000248747	5.13E-15	-2.63127	1	1 RP11-586L23.1	--
ENSG00000248748	5.13E-15	-2.63127	1	1 MTND5P9	K03883
ENSG00000248749	5.13E-15	-2.63127	1	1 RP11-42A4.1	--
ENSG00000248750	5.13E-15	-2.63127	1	1 RP11-131K17.1	K18405
ENSG00000248755	5.13E-15	-2.63127	1	1 RP11-384D10.1	--
ENSG00000248758	5.13E-15	-2.63127	1	1 CTD-2215E18.2	--
ENSG00000248760	5.13E-15	-2.63127	1	1 RP11-727M10.2	--
ENSG00000248761	5.13E-15	-2.63127	1	1 CTD-2593A12.2	--
ENSG00000248762	5.13E-15	-2.63127	1	1 RP11-31K23.2	--
ENSG00000248763	5.13E-15	-2.63127	1	1 RP13-644M16.5	--
ENSG00000248764	5.13E-15	-2.63127	1	1 RP11-292D4.2	--
ENSG00000248765	5.13E-15	-2.63127	1	1 RP11-417J1.3	--
ENSG00000248766	5.13E-15	-2.63127	1	1 RP11-61K20.1	--
ENSG00000248767	5.13E-15	-2.63127	1	1 WI2-2373I1.2	--
ENSG00000248769	5.13E-15	-2.63127	1	1 RP11-974F13.5	--
ENSG00000248770	5.13E-15	-2.63127	1	1 RP11-665C14.1	--
ENSG00000248771	5.13E-15	-2.63127	1	1 RP11-294O2.2	--
ENSG00000248772	5.13E-15	-2.63127	1	1 RP11-639F1.1	--
ENSG00000248775	5.13E-15	-2.63127	1	1 RP11-404K5.3	K18172
ENSG00000248777	5.13E-15	-2.63127	1	1 AC006499.6	--
ENSG00000248778	5.13E-15	-2.63127	1	1 RP11-311D14.1	K13183
ENSG00000248779	5.13E-15	-2.63127	1	1 RP11-53O19.2	--
ENSG00000248780	5.13E-15	-2.63127	1	1 RP11-632F7.1	K07945
ENSG00000248781	5.13E-15	-2.63127	1	1 PSMC1P4	K03062
ENSG00000248785	5.13E-15	-2.63127	1	1 HIGD1AP14	--
ENSG00000248789	5.13E-15	-2.63127	1	1 CTD-2203A3.1	--
ENSG00000248790	5.13E-15	-2.63127	1	1 RP11-319G6.3	--
ENSG00000248792	5.13E-15	-2.63127	1	1 LINC00266-2P	K16941
ENSG00000248796	5.13E-15	-2.63127	1	1 MED15P8	K15157
ENSG00000248799	5.13E-15	-2.63127	1	1 CTC-548H10.2	--
ENSG00000248801	5.13E-15	-2.63127	1	1 RP11-664D7.4	K12870
ENSG00000248802	5.13E-15	-2.63127	1	1 RP11-184M15.2	--
ENSG00000248803	5.13E-15	-2.63127	1	1 RP11-287J9.1	--
ENSG00000248807	5.13E-15	-2.63127	1	1 KRTAP9-12P	--
ENSG00000248809	5.13E-15	-2.63127	1	1 LINC01095	--
ENSG00000248810	5.13E-15	-2.63127	1	1 RP11-362F19.1	--
ENSG00000248813	5.13E-15	-2.63127	1	1 RP11-5N11.4	--
ENSG00000248816	5.13E-15	-2.63127	1	1 RP11-18D7.3	--
ENSG00000248817	5.13E-15	-2.63127	1	1 RP11-562F9.1	K01412
ENSG00000248820	5.13E-15	-2.63127	1	1 RP11-15B17.3	K10418
ENSG00000248821	5.13E-15	-2.63127	1	1 AC009238.6	K00629
ENSG00000248822	5.13E-15	-2.63127	1	1 APOBEC3AP1	--
ENSG00000248824	5.13E-15	-2.63127	1	1 RP11-790I12.6	K00699

ENSG00000248826	5.13E-15	-2.63127	1	1 PCBP2P3	K13162
ENSG00000248827	5.13E-15	-2.63127	1	1 RP11-252I13.1	K11838
ENSG00000248828	5.13E-15	-2.63127	1	1 RP11-673E1.4	-
ENSG00000248830	5.13E-15	-2.63127	1	1 ZNF807	K09228
ENSG00000248831	5.13E-15	-2.63127	1	1 CTB-179I1.2	-
ENSG00000248834	5.13E-15	-2.63127	1	1 MARK2P5	-
ENSG00000248837	5.13E-15	-2.63127	1	1 RP11-412P11.1	-
ENSG00000248838	5.13E-15	-2.63127	1	1 PGAM1P13	K01834
ENSG00000248839	5.13E-15	-2.63127	1	1 RP11-227H4.5	-
ENSG00000248840	5.13E-15	-2.63127	1	1 RP11-357G3.2	-
ENSG00000248842	5.13E-15	-2.63127	1	1 CTB-1H10.1	-
ENSG00000248843	5.13E-15	-2.63127	1	1 RP11-357G3.1	K02936
ENSG00000248844	5.13E-15	-2.63127	1	1 RP11-626H12.3	-
ENSG00000248846	5.13E-15	-2.63127	1	1 CTD-2016O11.1	-
ENSG00000248847	5.13E-15	-2.63127	1	1 RP11-26C10.1	-
ENSG00000248848	5.13E-15	-2.63127	1	1 PPBPP2	K10029
ENSG00000248850	5.13E-15	-2.63127	1	1 RP11-605F14.2	K12826
ENSG00000248851	5.13E-15	-2.63127	1	1 AC006427.2	-
ENSG00000248853	5.13E-15	-2.63127	1	1 CTD-2613O8.1	-
ENSG00000248854	5.13E-15	-2.63127	1	1 HNRNPH1P3	K12898
ENSG00000248858	5.13E-15	-2.63127	1	1 RP11-100L22.2	-
ENSG00000248859	5.13E-15	-2.63127	1	1 RP11-375B1.3	-
ENSG00000248861	5.13E-15	-2.63127	1	1 RP11-321E2.2	K03135
ENSG00000248864	5.13E-15	-2.63127	1	1 RP11-348J24.1	-
ENSG00000248867	5.13E-15	-2.63127	1	1 CTD-2128F4.1	K09512
ENSG00000248869	5.13E-15	-2.63127	1	1 RP11-138I17.1	-
ENSG00000248870	5.13E-15	-2.63127	1	1 CTD-2015A6.2	-
ENSG00000248871	5.13E-15	-2.63127	1	1 TNFSF12-TNFSF13	K05474
ENSG00000248872	5.13E-15	-2.63127	1	1 RP11-344G13.1	-
ENSG00000248874	5.13E-15	-2.63127	1	1 C5orf17	K00121
ENSG00000248876	5.13E-15	-2.63127	1	1 RP11-231G15.3	-
ENSG00000248877	5.13E-15	-2.63127	1	1 PGBD4P4	-
ENSG00000248878	5.13E-15	-2.63127	1	1 RP11-5N11.1	K12900
ENSG00000248880	5.13E-15	-2.63127	1	1 NARG2P1	-
ENSG00000248881	5.13E-15	-2.63127	1	1 CTC-366B18.2	-
ENSG00000248883	5.13E-15	-2.63127	1	1 CTD-2244F11.2	-
ENSG00000248885	5.13E-15	-2.63127	1	1 RP11-950K24.2	K16944
ENSG00000248886	5.13E-15	-2.63127	1	1 UGT2A3P7	K00699
ENSG00000248890	5.13E-15	-2.63127	1	1 HHIP-AS1	-
ENSG00000248891	5.13E-15	-2.63127	1	1 CTD-2335O3.2	K12877
ENSG00000248893	5.13E-15	-2.63127	1	1 FAM138E	-
ENSG00000248895	5.13E-15	-2.63127	1	1 RP11-463M16.5	-
ENSG00000248901	5.13E-15	-2.63127	1	1 AC008834.1	-
ENSG00000248903	5.13E-15	-2.63127	1	1 AP000867.14	-
ENSG00000248907	5.13E-15	-2.63127	1	1 MTND2P33	K03879
ENSG00000248911	5.13E-15	-2.63127	1	1 RP11-182E14.1	-
ENSG00000248912	5.13E-15	-2.63127	1	1 RP11-171N4.4	-
ENSG00000248913	5.13E-15	-2.63127	1	1 PHBP14	-
ENSG00000248915	5.13E-15	-2.63127	1	1 ACTR6P1	-
ENSG00000248918	5.13E-15	-2.63127	1	1 CTD-2089N3.3	-
ENSG00000248919	5.13E-15	-2.63127	1	1 ATP5J2-PTCD1	K17710
ENSG00000248920	5.13E-15	-2.63127	1	1 USP17L19	K11845
ENSG00000248921	5.13E-15	-2.63127	1	1 RP11-774G5.1	-
ENSG00000248924	5.13E-15	-2.63127	1	1 RP11-481K16.2	K12741
ENSG00000248926	5.13E-15	-2.63127	1	1 RP11-777B9.1	K12900
ENSG00000248927	5.13E-15	-2.63127	1	1 CTD-2334D19.1	-
ENSG00000248928	5.13E-15	-2.63127	1	1 CTD-2151A2.3	K11507
ENSG00000248929	5.13E-15	-2.63127	1	1 HIGD1AP3	-

ENSG00000248930	5.13E-15	-2.63127	1	1 CTC-250P20.1	K17610
ENSG00000248931	5.13E-15	-2.63127	1	1 RP11-72K17.2	K00412
ENSG00000248933	5.13E-15	-2.63127	1	1 USP17L22	K11845
ENSG00000248935	5.13E-15	-2.63127	1	1 CTD-2254N19.1	-
ENSG00000248939	5.13E-15	-2.63127	1	1 RP11-395F4.1	-
ENSG00000248942	5.13E-15	-2.63127	1	1 CTD-2275D24.4	-
ENSG00000248943	5.13E-15	-2.63127	1	1 RP11-1026M7.3	-
ENSG00000248944	5.13E-15	-2.63127	1	1 FAM90A6P	-
ENSG00000248946	5.13E-15	-2.63127	1	1 RP11-1281K21.7	K03880
ENSG00000248951	5.13E-15	-2.63127	1	1 RP11-325I22.1	-
ENSG00000248954	5.13E-15	-2.63127	1	1 RP11-304F15.4	-
ENSG00000248955	5.13E-15	-2.63127	1	1 RP11-114H7.3	-
ENSG00000248956	5.13E-15	-2.63127	1	1 HMGB1P44	K10802
ENSG00000248958	5.13E-15	-2.63127	1	1 ZSWIM5P3	-
ENSG00000248962	5.13E-15	-2.63127	1	1 CTD-2287N17.1	-
ENSG00000248965	5.13E-15	-2.63127	1	1 CTB-174D11.2	-
ENSG00000248966	5.13E-15	-2.63127	1	1 CTD-2089O24.1	K13087
ENSG00000248967	5.13E-15	-2.63127	1	1 RP11-241J12.3	K03094
ENSG00000248969	5.13E-15	-2.63127	1	1 CTD-2113L7.1	-
ENSG00000248973	5.13E-15	-2.63127	1	1 RP11-445O3.2	-
ENSG00000248975	5.13E-15	-2.63127	1	1 CTD-2251F13.1	-
ENSG00000248977	5.13E-15	-2.63127	1	1 RP11-395I6.1	K12741
ENSG00000248978	5.13E-15	-2.63127	1	1 RP11-98H4.1	K00621
ENSG00000248979	5.13E-15	-2.63127	1	1 LAMTOR3P2	K04370
ENSG00000248980	5.13E-15	-2.63127	1	1 RP11-87F15.2	-
ENSG00000248984	5.13E-15	-2.63127	1	1 AC004054.1	-
ENSG00000248986	5.13E-15	-2.63127	1	1 RP11-774O3.1	-
ENSG00000248987	5.13E-15	-2.63127	1	1 PRDX4P1	-
ENSG00000248988	5.13E-15	-2.63127	1	1 RP11-815N9.2	K06697
ENSG00000248990	5.13E-15	-2.63127	1	1 RP11-960D24.1	-
ENSG00000248991	5.13E-15	-2.63127	1	1 RP11-73G16.2	-
ENSG00000248993	5.13E-15	-2.63127	1	1 XXbac-BPG181M17	K06752
ENSG00000248994	5.13E-15	-2.63127	1	1 RP11-259O2.1	-
ENSG00000248995	5.13E-15	-2.63127	1	1 RP11-766N7.4	-
ENSG00000248998	5.13E-15	-2.63127	1	1 EFTUD1P2	-
ENSG00000248999	5.13E-15	-2.63127	1	1 WI2-2373I1.1	K09385
ENSG00000249000	5.13E-15	-2.63127	1	1 CTD-2012I17.1	-
ENSG00000249001	5.13E-15	-2.63127	1	1 RP11-742B18.1	-
ENSG00000249002	5.13E-15	-2.63127	1	1 RP11-358D17.1	-
ENSG00000249003	5.13E-15	-2.63127	1	1 CLUHP4	-
ENSG00000249004	5.13E-15	-2.63127	1	1 RP11-752L20.1	K02516
ENSG00000249005	5.13E-15	-2.63127	1	1 FAM90A4P	-
ENSG00000249008	5.13E-15	-2.63127	1	1 RP11-487E13.1	-
ENSG00000249013	5.13E-15	-2.63127	1	1 FTH1P21	K00522
ENSG00000249014	5.13E-15	-2.63127	1	1 HMGN2P4	K11300
ENSG00000249016	5.13E-15	-2.63127	1	1 RP11-45H22.3	-
ENSG00000249017	5.13E-15	-2.63127	1	1 RP11-58B2.1	-
ENSG00000249018	5.13E-15	-2.63127	1	1 GAPDHP56	-
ENSG00000249019	5.13E-15	-2.63127	1	1 RP11-539G18.1	K02993
ENSG00000249021	5.13E-15	-2.63127	1	1 CTC-505O3.3	-
ENSG00000249022	5.13E-15	-2.63127	1	1 RP11-285C1.2	-
ENSG00000249023	5.13E-15	-2.63127	1	1 CTD-2331D11.3	-
ENSG00000249025	5.13E-15	-2.63127	1	1 RP11-2H3.2	K09228
ENSG00000249026	5.13E-15	-2.63127	1	1 CTNNAP1	K05691
ENSG00000249028	5.13E-15	-2.63127	1	1 RP5-951N9.1	-
ENSG00000249034	5.13E-15	-2.63127	1	1 AC005609.1	K16493
ENSG00000249035	5.13E-15	-2.63127	1	1 CTB-113P19.1	-
ENSG00000249036	5.13E-15	-2.63127	1	1 RP11-625I7.1	-

ENSG00000249038	5.13E-15	-2.63127	1	1 RP11-149A7.1	--
ENSG00000249041	5.13E-15	-2.63127	1	1 RP11-21G20.3	--
ENSG00000249045	5.13E-15	-2.63127	1	1 RP11-63H19.8	--
ENSG00000249048	5.13E-15	-2.63127	1	1 TRAV31	--
ENSG00000249049	5.13E-15	-2.63127	1	1 RP11-763F8.1	--
ENSG00000249050	5.13E-15	-2.63127	1	1 RP11-375N15.1	--
ENSG00000249051	5.13E-15	-2.63127	1	1 RP11-447E20.1	--
ENSG00000249052	5.13E-15	-2.63127	1	1 RP11-354O24.1	--
ENSG00000249054	5.13E-15	-2.63127	1	1 RP11-598F7.1	--
ENSG00000249056	5.13E-15	-2.63127	1	1 RP11-326I11.1	K11128
ENSG00000249057	5.13E-15	-2.63127	1	1 MAST4-IT1	--
ENSG00000249061	5.13E-15	-2.63127	1	1 RP11-72L22.1	--
ENSG00000249064	5.13E-15	-2.63127	1	1 KRT18P25	K07604
ENSG00000249065	5.13E-15	-2.63127	1	1 PCNAP1	K04802
ENSG00000249066	5.13E-15	-2.63127	1	1 RP11-593F5.2	--
ENSG00000249069	5.13E-15	-2.63127	1	1 LINC01033	--
ENSG00000249071	5.13E-15	-2.63127	1	1 EGFLAM-AS3	--
ENSG00000249072	5.13E-15	-2.63127	1	1 RP11-777B9.5	K01982
ENSG00000249073	5.13E-15	-2.63127	1	1 CTD-2131I18.1	--
ENSG00000249074	5.13E-15	-2.63127	1	1 RP11-21G20.1	K03958
ENSG00000249077	5.13E-15	-2.63127	1	1 RP11-478C1.8	--
ENSG00000249079	5.13E-15	-2.63127	1	1 RP11-1281K21.3	K17299
ENSG00000249081	5.13E-15	-2.63127	1	1 OR5M14P	K04257
ENSG00000249082	5.13E-15	-2.63127	1	1 CTC-276P9.1	--
ENSG00000249086	5.13E-15	-2.63127	1	1 AC051649.12	--
ENSG00000249089	5.13E-15	-2.63127	1	1 AIG1P1	--
ENSG00000249091	5.13E-15	-2.63127	1	1 RP11-733C7.1	--
ENSG00000249092	5.13E-15	-2.63127	1	1 CTD-2325A15.3	K03767
ENSG00000249094	5.13E-15	-2.63127	1	1 RP1-7G5.6	--
ENSG00000249098	5.13E-15	-2.63127	1	1 RP11-39E3.4	K09377
ENSG00000249099	5.13E-15	-2.63127	1	1 RP11-351N6.1	--
ENSG00000249100	5.13E-15	-2.63127	1	1 CTD-2218K11.2	--
ENSG00000249101	5.13E-15	-2.63127	1	1 AC008834.2	K01008
ENSG00000249102	5.13E-15	-2.63127	1	1 CTD-2066L21.1	--
ENSG00000249104	5.13E-15	-2.63127	1	1 USP17L17	K11845
ENSG00000249105	5.13E-15	-2.63127	1	1 RP11-25L5.2	K18598
ENSG00000249106	5.13E-15	-2.63127	1	1 RP11-806K15.1	--
ENSG00000249109	5.13E-15	-2.63127	1	1 RP11-1026M7.2	--
ENSG00000249111	5.13E-15	-2.63127	1	1 RP11-622J8.1	--
ENSG00000249112	5.13E-15	-2.63127	1	1 RP11-43D2.2	--
ENSG00000249114	5.13E-15	-2.63127	1	1 RP11-5N11.3	--
ENSG00000249116	5.13E-15	-2.63127	1	1 CTD-2194D22.3	--
ENSG00000249122	5.13E-15	-2.63127	1	1 RP11-227F19.2	--
ENSG00000249125	5.13E-15	-2.63127	1	1 RP11-381N20.2	--
ENSG00000249127	5.13E-15	-2.63127	1	1 MTND3P3	--
ENSG00000249128	5.13E-15	-2.63127	1	1 RP11-2N5.1	--
ENSG00000249131	5.13E-15	-2.63127	1	1 CTB-35F21.2	--
ENSG00000249135	5.13E-15	-2.63127	1	1 RP11-274E7.1	--
ENSG00000249138	5.13E-15	-2.63127	1	1 RP11-701P16.1	--
ENSG00000249139	5.13E-15	-2.63127	1	1 EPPIN-WFDC6	--
ENSG00000249142	5.13E-15	-2.63127	1	1 CTD-2290P7.1	--
ENSG00000249145	5.13E-15	-2.63127	1	1 RP11-774O3.2	--
ENSG00000249148	5.13E-15	-2.63127	1	1 AC006445.7	K02889
ENSG00000249149	5.13E-15	-2.63127	1	1 RP11-79P5.3	K11300
ENSG00000249150	5.13E-15	-2.63127	1	1 CTC-472C24.1	--
ENSG00000249152	5.13E-15	-2.63127	1	1 RP11-562F9.2	--
ENSG00000249153	5.13E-15	-2.63127	1	1 CTD-2036A18.2	--
ENSG00000249156	5.13E-15	-2.63127	1	1 RP11-432M8.9	K03135

ENSG00000249157	5.13E-15	-2.63127	1	1 RP11-229C3.4	-
ENSG00000249158	5.13E-15	-2.63127	1	1 PCDHA11	K16493
ENSG00000249159	5.13E-15	-2.63127	1	1 RP11-480D4.2	-
ENSG00000249160	5.13E-15	-2.63127	1	1 RP11-1C1.5	-
ENSG00000249162	5.13E-15	-2.63127	1	1 ADAM20P3	K16069
ENSG00000249163	5.13E-15	-2.63127	1	1 CTD-3028N15.1	-
ENSG00000249166	5.13E-15	-2.63127	1	1 RP11-1C1.6	-
ENSG00000249167	5.13E-15	-2.63127	1	1 CTB-118N6.2	-
ENSG00000249169	5.13E-15	-2.63127	1	1 CTC-529L17.1	-
ENSG00000249170	5.13E-15	-2.63127	1	1 RP11-1J11.1	K15273
ENSG00000249171	5.13E-15	-2.63127	1	1 RP11-767N15.1	-
ENSG00000249173	5.13E-15	-2.63127	1	1 LINC01093	-
ENSG00000249174	5.13E-15	-2.63127	1	1 RP11-124N3.3	-
ENSG00000249175	5.13E-15	-2.63127	1	1 CTC-484P3.3	-
ENSG00000249177	5.13E-15	-2.63127	1	1 MTND4P29	K03881
ENSG00000249180	5.13E-15	-2.63127	1	1 CTC-506B8.1	-
ENSG00000249183	5.13E-15	-2.63127	1	1 SUMO2P4	K12160
ENSG00000249184	5.13E-15	-2.63127	1	1 RP11-424M21.1	-
ENSG00000249186	5.13E-15	-2.63127	1	1 RP11-423H2.5	-
ENSG00000249189	5.13E-15	-2.63127	1	1 AC010492.4	K06512
ENSG00000249191	5.13E-15	-2.63127	1	1 UBE2V1P12	K10704
ENSG00000249192	5.13E-15	-2.63127	1	1 CTB-36O1.3	K03880
ENSG00000249193	5.13E-15	-2.63127	1	1 HSPD1P5	K04077
ENSG00000249197	5.13E-15	-2.63127	1	1 OR10J9P	K04257
ENSG00000249198	5.13E-15	-2.63127	1	1 RP11-772C9.1	-
ENSG00000249200	5.13E-15	-2.63127	1	1 RP11-290O12.1	K16507
ENSG00000249203	5.13E-15	-2.63127	1	1 RP11-473L15.3	-
ENSG00000249206	5.13E-15	-2.63127	1	1 GCNT1P2	K00727
ENSG00000249209	5.13E-15	-2.63127	1	1 AP000304.12	K02137
ENSG00000249210	5.13E-15	-2.63127	1	1 GAPDHP38	K00134
ENSG00000249213	5.13E-15	-2.63127	1	1 RP11-98P2.1	K01413
ENSG00000249214	5.13E-15	-2.63127	1	1 AC022558.1	K11447
ENSG00000249215	5.13E-15	-2.63127	1	1 AC138517.4	K09289
ENSG00000249219	5.13E-15	-2.63127	1	1 RP13-560N11.1	-
ENSG00000249222	5.13E-15	-2.63127	1	1 ATP5L2	K02140
ENSG00000249225	5.13E-15	-2.63127	1	1 RP11-343D2.11	-
ENSG00000249226	5.13E-15	-2.63127	1	1 SUCLG2P4	K01900
ENSG00000249228	5.13E-15	-2.63127	1	1 RP11-769N22.1	-
ENSG00000249229	5.13E-15	-2.63127	1	1 CTC-342P15.1	-
ENSG00000249231	5.13E-15	-2.63127	1	1 CASC16	-
ENSG00000249234	5.13E-15	-2.63127	1	1 RP11-452J21.2	-
ENSG00000249235	5.13E-15	-2.63127	1	1 RP11-468N14.4	K00699
ENSG00000249236	5.13E-15	-2.63127	1	1 CTD-2227I18.1	-
ENSG00000249237	5.13E-15	-2.63127	1	1 RP11-376N17.4	-
ENSG00000249238	5.13E-15	-2.63127	1	1 RP11-83M16.2	-
ENSG00000249239	5.13E-15	-2.63127	1	1 RP11-428L21.2	K14753
ENSG00000249244	5.13E-15	-2.63127	1	1 RP11-548H18.2	K00864
ENSG00000249245	5.13E-15	-2.63127	1	1 RP11-557J10.3	K09289
ENSG00000249247	5.13E-15	-2.63127	1	1 RP11-627H22.9	-
ENSG00000249251	5.13E-15	-2.63127	1	1 PGAM1P8	K01834
ENSG00000249252	5.13E-15	-2.63127	1	1 RP11-665G4.1	-
ENSG00000249253	5.13E-15	-2.63127	1	1 RP11-77P16.1	K02128
ENSG00000249255	5.13E-15	-2.63127	1	1 PGAM1P9	K01834
ENSG00000249256	5.13E-15	-2.63127	1	1 ATP5LP3	K02140
ENSG00000249257	5.13E-15	-2.63127	1	1 RP11-75N20.2	-
ENSG00000249258	5.13E-15	-2.63127	1	1 RP11-468H14.2	-
ENSG00000249259	5.13E-15	-2.63127	1	1 RP11-166J5.1	-
ENSG00000249261	5.13E-15	-2.63127	1	1 RP11-284A20.2	-

ENSG00000249262	5.13E-15	-2.63127	1	1 RP11-710E1.1	K02884
ENSG00000249263	5.13E-15	-2.63127	1	1 PARP4P3	K10798
ENSG00000249265	5.13E-15	-2.63127	1	1 AC113167.2	-
ENSG00000249266	5.13E-15	-2.63127	1	1 MTHFD2P6	K13403
ENSG00000249267	5.13E-15	-2.63127	1	1 LINC00939	-
ENSG00000249269	5.13E-15	-2.63127	1	1 RP11-756P10.4	-
ENSG00000249270	5.13E-15	-2.63127	1	1 KATNBL1P4	-
ENSG00000249271	5.13E-15	-2.63127	1	1 HNRNPA1P44	K12741
ENSG00000249272	5.13E-15	-2.63127	1	1 UNC93B8	K04257
ENSG00000249274	5.13E-15	-2.63127	1	1 PDLIM1P4	-
ENSG00000249275	5.13E-15	-2.63127	1	1 RP11-364P22.2	-
ENSG00000249276	5.13E-15	-2.63127	1	1 RP11-8L21.1	-
ENSG00000249277	5.13E-15	-2.63127	1	1 RP11-302F12.4	-
ENSG00000249278	5.13E-15	-2.63127	1	1 RP11-688H10.1	-
ENSG00000249282	5.13E-15	-2.63127	1	1 RP11-432M8.6	-
ENSG00000249283	5.13E-15	-2.63127	1	1 ACTR3BP4	K18584
ENSG00000249284	5.13E-15	-2.63127	1	1 RP11-287F9.1	-
ENSG00000249285	5.13E-15	-2.63127	1	1 RP11-81B23.1	-
ENSG00000249287	5.13E-15	-2.63127	1	1 CTD-2593A12.3	K11113
ENSG00000249288	5.13E-15	-2.63127	1	1 SLC25A15P5	K15101
ENSG00000249289	5.13E-15	-2.63127	1	1 CTD-2272G21.1	-
ENSG00000249290	5.13E-15	-2.63127	1	1 RP11-68L1.2	-
ENSG00000249293	5.13E-15	-2.63127	1	1 CTC-575I10.1	-
ENSG00000249295	5.13E-15	-2.63127	1	1 RP11-241G9.3	-
ENSG00000249297	5.13E-15	-2.63127	1	1 RP11-97E7.2	-
ENSG00000249301	5.13E-15	-2.63127	1	1 RP11-524L6.3	-
ENSG00000249302	5.13E-15	-2.63127	1	1 FTH1P24	K00522
ENSG00000249305	5.13E-15	-2.63127	1	1 RP11-13L2.1	K06541
ENSG00000249307	5.13E-15	-2.63127	1	1 LINC01088	-
ENSG00000249309	5.13E-15	-2.63127	1	1 RP11-153M7.5	-
ENSG00000249310	5.13E-15	-2.63127	1	1 APOBEC3B-AS1	-
ENSG00000249311	5.13E-15	-2.63127	1	1 TERF1P3	K11110
ENSG00000249312	5.13E-15	-2.63127	1	1 ARL2BPP4	K16742
ENSG00000249316	5.13E-15	-2.63127	1	1 CTC-493P15.2	-
ENSG00000249317	5.13E-15	-2.63127	1	1 CTB-191D16.1	-
ENSG00000249318	5.13E-15	-2.63127	1	1 AC010468.2	-
ENSG00000249320	5.13E-15	-2.63127	1	1 RP11-206P5.1	-
ENSG00000249321	5.13E-15	-2.63127	1	1 OR5H5P	K04257
ENSG00000249329	5.13E-15	-2.63127	1	1 RP11-432M8.5	K03135
ENSG00000249330	5.13E-15	-2.63127	1	1 RP11-436F23.1	-
ENSG00000249333	5.13E-15	-2.63127	1	1 LL22NC03-23C6.12	-
ENSG00000249334	5.13E-15	-2.63127	1	1 RP11-61G19.1	-
ENSG00000249335	5.13E-15	-2.63127	1	1 CTC-340D7.1	-
ENSG00000249336	5.13E-15	-2.63127	1	1 RP11-133G22.1	-
ENSG00000249337	5.13E-15	-2.63127	1	1 SNX18P25	K17299
ENSG00000249338	5.13E-15	-2.63127	1	1 HMGB1P47	K10802
ENSG00000249339	5.13E-15	-2.63127	1	1 RP11-321E2.7	K03135
ENSG00000249341	5.13E-15	-2.63127	1	1 RP11-317M11.1	-
ENSG00000249343	5.13E-15	-2.63127	1	1 CTD-2275D24.2	-
ENSG00000249347	5.13E-15	-2.63127	1	1 RP11-747H12.4	K04257
ENSG00000249349	5.13E-15	-2.63127	1	1 CTC-384G19.1	-
ENSG00000249351	5.13E-15	-2.63127	1	1 RP11-498E11.2	K12491
ENSG00000249352	5.13E-15	-2.63127	1	1 7SK	-
ENSG00000249356	5.13E-15	-2.63127	1	1 RP11-21I10.2	-
ENSG00000249360	5.13E-15	-2.63127	1	1 CTD-2233C11.3	K11518
ENSG00000249362	5.13E-15	-2.63127	1	1 CTD-2316B1.1	-
ENSG00000249363	5.13E-15	-2.63127	1	1 CTB-78O21.1	K04969
ENSG00000249364	5.13E-15	-2.63127	1	1 RP11-434D9.1	-

ENSG00000249365	5.13E-15	-2.63127	1	1 RP11-508M8.1	—
ENSG00000249367	5.13E-15	-2.63127	1	1 FABP5P12	K08754
ENSG00000249368	5.13E-15	-2.63127	1	1 RP11-782K4.1	—
ENSG00000249372	5.13E-15	-2.63127	1	1 ATP6V1G1P6	K02152
ENSG00000249373	5.13E-15	-2.63127	1	1 RP11-650J17.2	—
ENSG00000249380	5.13E-15	-2.63127	1	1 RP11-1325J9.1	—
ENSG00000249381	5.13E-15	-2.63127	1	1 LINC00500	—
ENSG00000249382	5.13E-15	-2.63127	1	1 RP11-340A13.1	—
ENSG00000249383	5.13E-15	-2.63127	1	1 RP11-1018N14.1	—
ENSG00000249386	5.13E-15	-2.63127	1	1 RP11-627H22.6	—
ENSG00000249387	5.13E-15	-2.63127	1	1 KRTAP5-14P	—
ENSG00000249392	5.13E-15	-2.63127	1	1 RP11-725D20.1	—
ENSG00000249400	5.13E-15	-2.63127	1	1 HMGB3P17	K11296
ENSG00000249403	5.13E-15	-2.63127	1	1 CTC-281M20.4	—
ENSG00000249404	5.13E-15	-2.63127	1	1 CTD-2234B20.1	—
ENSG00000249405	5.13E-15	-2.63127	1	1 RP11-317O24.1	—
ENSG00000249406	5.13E-15	-2.63127	1	1 RP11-893F2.5	—
ENSG00000249409	5.13E-15	-2.63127	1	1 RP11-501E14.1	—
ENSG00000249410	5.13E-15	-2.63127	1	1 AK4P2	K00939
ENSG00000249411	5.13E-15	-2.63127	1	1 RP11-391J13.1	K08610
ENSG00000249413	5.13E-15	-2.63127	1	1 RP11-25H12.1	—
ENSG00000249416	5.13E-15	-2.63127	1	1 RP11-614F17.1	—
ENSG00000249417	5.13E-15	-2.63127	1	1 RP11-438D8.2	—
ENSG00000249418	5.13E-15	-2.63127	1	1 AC005741.2	—
ENSG00000249419	5.13E-15	-2.63127	1	1 RP11-497K21.1	—
ENSG00000249421	5.13E-15	-2.63127	1	1 ADAMTS19-AS1	—
ENSG00000249423	5.13E-15	-2.63127	1	1 RP11-284A20.1	—
ENSG00000249425	5.13E-15	-2.63127	1	1 RP11-502M1.2	—
ENSG00000249426	5.13E-15	-2.63127	1	1 CTC-448D22.1	—
ENSG00000249427	5.13E-15	-2.63127	1	1 RP11-432M8.4	K03135
ENSG00000249429	5.13E-15	-2.63127	1	1 CTD-2050E21.1	—
ENSG00000249430	5.13E-15	-2.63127	1	1 CTD-2231H16.1	—
ENSG00000249433	5.13E-15	-2.63127	1	1 CTB-161J7.2	—
ENSG00000249435	5.13E-15	-2.63127	1	1 CTD-2224J9.7	—
ENSG00000249436	5.13E-15	-2.63127	1	1 CTD-2023N9.3	—
ENSG00000249438	5.13E-15	-2.63127	1	1 KRT18P45	K07604
ENSG00000249439	5.13E-15	-2.63127	1	1 HMGN1P14	K11299
ENSG00000249443	5.13E-15	-2.63127	1	1 RP11-1396O13.22	K04257
ENSG00000249444	5.13E-15	-2.63127	1	1 RP11-93O17.1	—
ENSG00000249446	5.13E-15	-2.63127	1	1 TRAJ60	—
ENSG00000249448	5.13E-15	-2.63127	1	1 RP11-474J18.1	K02256
ENSG00000249449	5.13E-15	-2.63127	1	1 MRP63P6	—
ENSG00000249451	5.13E-15	-2.63127	1	1 RP11-94C24.6	—
ENSG00000249452	5.13E-15	-2.63127	1	1 RP11-638O6.1	K17493
ENSG00000249453	5.13E-15	-2.63127	1	1 RP13-497K6.1	—
ENSG00000249454	5.13E-15	-2.63127	1	1 GZMAP1	K01352
ENSG00000249458	5.13E-15	-2.63127	1	1 RP11-624A4.1	—
ENSG00000249460	5.13E-15	-2.63127	1	1 RP11-665C14.2	—
ENSG00000249462	5.13E-15	-2.63127	1	1 MLLT10P2	—
ENSG00000249463	5.13E-15	-2.63127	1	1 RP11-1E22.1	—
ENSG00000249464	5.13E-15	-2.63127	1	1 LINC01091	—
ENSG00000249467	5.13E-15	-2.63127	1	1 RP11-492O8.1	K11251
ENSG00000249472	5.13E-15	-2.63127	1	1 RP11-1267H10.2	—
ENSG00000249474	5.13E-15	-2.63127	1	1 RP11-49I4.3	—
ENSG00000249478	5.13E-15	-2.63127	1	1 CTB-49A3.5	—
ENSG00000249479	5.13E-15	-2.63127	1	1 RP11-171N4.3	—
ENSG00000249481	5.13E-15	-2.63127	1	1 SPATS1	—
ENSG00000249482	5.13E-15	-2.63127	1	1 USP17L14P	K11845

ENSG00000249483	5.13E-15	-2.63127	1	1 CTD-2249K22.1	--
ENSG00000249484	5.13E-15	-2.63127	1	1 AC091969.1	--
ENSG00000249486	5.13E-15	-2.63127	1	1 RP11-215I16.1	--
ENSG00000249487	5.13E-15	-2.63127	1	1 RP11-97O12.2	--
ENSG00000249488	5.13E-15	-2.63127	1	1 NACAP5	K03626
ENSG00000249489	5.13E-15	-2.63127	1	1 GAPDHP70	K00134
ENSG00000249490	5.13E-15	-2.63127	1	1 CTD-2333M24.1	--
ENSG00000249491	5.13E-15	-2.63127	1	1 EGFLAM-AS1	--
ENSG00000249493	5.13E-15	-2.63127	1	1 ANKRD20A18P	K17299
ENSG00000249494	5.13E-15	-2.63127	1	1 CTB-161M19.4	--
ENSG00000249495	5.13E-15	-2.63127	1	1 RP11-1152B5.1	--
ENSG00000249497	5.13E-15	-2.63127	1	1 RP11-1079K10.5	--
ENSG00000249500	5.13E-15	-2.63127	1	1 RP11-340B18.1	--
ENSG00000249501	5.13E-15	-2.63127	1	1 USP9YP2	K11840
ENSG00000249504	5.13E-15	-2.63127	1	1 PCDHA14	K16493
ENSG00000249505	5.13E-15	-2.63127	1	1 RP11-434H6.2	--
ENSG00000249506	5.13E-15	-2.63127	1	1 ZEB2P1	--
ENSG00000249509	5.13E-15	-2.63127	1	1 RP11-402J6.1	--
ENSG00000249510	5.13E-15	-2.63127	1	1 KB-1247B1.1	K02934
ENSG00000249513	5.13E-15	-2.63127	1	1 RP11-404I7.1	--
ENSG00000249514	5.13E-15	-2.63127	1	1 CTD-2266L18.1	--
ENSG00000249515	5.13E-15	-2.63127	1	1 CTD-2151A2.1	--
ENSG00000249516	5.13E-15	-2.63127	1	1 CTD-2201E18.2	--
ENSG00000249518	5.13E-15	-2.63127	1	1 CTC-327F10.1	--
ENSG00000249519	5.13E-15	-2.63127	1	1 RP11-777N19.1	--
ENSG00000249520	5.13E-15	-2.63127	1	1 RP11-386B13.1	K02891
ENSG00000249521	5.13E-15	-2.63127	1	1 CTD-2161F6.3	--
ENSG00000249522	5.13E-15	-2.63127	1	1 RP11-718M20.5	--
ENSG00000249525	5.13E-15	-2.63127	1	1 RP11-344G13.2	--
ENSG00000249531	5.13E-15	-2.63127	1	1 RP11-642E20.3	K00699
ENSG00000249534	5.13E-15	-2.63127	1	1 RP11-83C7.2	--
ENSG00000249539	5.13E-15	-2.63127	1	1 MRPS36P2	--
ENSG00000249541	5.13E-15	-2.63127	1	1 RP11-692C23.1	K05605
ENSG00000249542	5.13E-15	-2.63127	1	1 EEF1A1P21	K03231
ENSG00000249545	5.13E-15	-2.63127	1	1 CTC-558O19.1	--
ENSG00000249547	5.13E-15	-2.63127	1	1 RP11-453O5.1	--
ENSG00000249551	5.13E-15	-2.63127	1	1 RP11-2N5.2	--
ENSG00000249553	5.13E-15	-2.63127	1	1 PPP2R2B-IT1	--
ENSG00000249555	5.13E-15	-2.63127	1	1 TMEM248P1	--
ENSG00000249557	5.13E-15	-2.63127	1	1 HSPD1P15	K04077
ENSG00000249558	5.13E-15	-2.63127	1	1 RCC2P4	--
ENSG00000249563	5.13E-15	-2.63127	1	1 RP11-751L19.1	--
ENSG00000249564	5.13E-15	-2.63127	1	1 RP11-390C19.1	--
ENSG00000249568	5.13E-15	-2.63127	1	1 RP11-234O6.2	--
ENSG00000249574	5.13E-15	-2.63127	1	1 AC226118.1	--
ENSG00000249577	5.13E-15	-2.63127	1	1 CTD-2195M15.1	--
ENSG00000249579	5.13E-15	-2.63127	1	1 RP11-586E1.1	--
ENSG00000249580	5.13E-15	-2.63127	1	1 RP11-52L11.6	--
ENSG00000249581	5.13E-15	-2.63127	1	1 CLRN2	--
ENSG00000249582	5.13E-15	-2.63127	1	1 RPL7L1P4	--
ENSG00000249584	5.13E-15	-2.63127	1	1 RP11-478P10.1	--
ENSG00000249588	5.13E-15	-2.63127	1	1 CTC-537E7.1	--
ENSG00000249590	5.13E-15	-2.63127	1	1 RP4-539M6.19	K17981
ENSG00000249595	5.13E-15	-2.63127	1	1 AC004878.7	--
ENSG00000249599	5.13E-15	-2.63127	1	1 RP11-168E14.1	--
ENSG00000249600	5.13E-15	-2.63127	1	1 RP11-510I6.3	K02896
ENSG00000249601	5.13E-15	-2.63127	1	1 CTB-27N1.1	--
ENSG00000249604	5.13E-15	-2.63127	1	1 RP11-286E11.2	--

ENSG00000249605	5.13E-15	-2.63127	1	1 CTC-218H9.1	-
ENSG00000249606	5.13E-15	-2.63127	1	1 TRAPPC2P7	-
ENSG00000249607	5.13E-15	-2.63127	1	1 RP11-197O8.1	K04969
ENSG00000249613	5.13E-15	-2.63127	1	1 RP13-612N21.1	-
ENSG00000249614	5.13E-15	-2.63127	1	1 RP11-703G6.1	-
ENSG00000249616	5.13E-15	-2.63127	1	1 CTD-2194F12.1	K05868
ENSG00000249617	5.13E-15	-2.63127	1	1 RP11-366M4.17	K02947
ENSG00000249618	5.13E-15	-2.63127	1	1 RP11-422J15.1	-
ENSG00000249619	5.13E-15	-2.63127	1	1 HMGN1P13	K11299
ENSG00000249620	5.13E-15	-2.63127	1	1 RP11-321E2.10	K11253
ENSG00000249621	5.13E-15	-2.63127	1	1 CTD-2544H17.1	-
ENSG00000249627	5.13E-15	-2.63127	1	1 RP11-312A15.1	K05659
ENSG00000249631	5.13E-15	-2.63127	1	1 RP11-281P23.2	-
ENSG00000249633	5.13E-15	-2.63127	1	1 OR52V1P	K04257
ENSG00000249634	5.13E-15	-2.63127	1	1 USP9YP5	-
ENSG00000249635	5.13E-15	-2.63127	1	1 RP11-710F7.3	-
ENSG00000249638	5.13E-15	-2.63127	1	1 CTD-2296D1.3	-
ENSG00000249639	5.13E-15	-2.63127	1	1 CTB-138E5.1	-
ENSG00000249642	5.13E-15	-2.63127	1	1 RP11-565A3.1	-
ENSG00000249643	5.13E-15	-2.63127	1	1 RP11-436H11.6	-
ENSG00000249645	5.13E-15	-2.63127	1	1 RP11-552M14.1	-
ENSG00000249646	5.13E-15	-2.63127	1	1 OR7E94P	K04257
ENSG00000249647	5.13E-15	-2.63127	1	1 CTC-349C3.2	-
ENSG00000249649	5.13E-15	-2.63127	1	1 MRPS33P2	K17411
ENSG00000249654	5.13E-15	-2.63127	1	1 VN1R104P	K04614
ENSG00000249658	5.13E-15	-2.63127	1	1 RP11-1018N14.4	-
ENSG00000249662	5.13E-15	-2.63127	1	1 RP11-321E2.4	-
ENSG00000249666	5.13E-15	-2.63127	1	1 RP11-432M8.12	K03135
ENSG00000249667	5.13E-15	-2.63127	1	1 RP11-213G21.1	-
ENSG00000249668	5.13E-15	-2.63127	1	1 KRT18P56	K07604
ENSG00000249669	5.13E-15	-2.63127	1	1 MIR143HG	-
ENSG00000249675	5.13E-15	-2.63127	1	1 RP11-217C7.1	-
ENSG00000249677	5.13E-15	-2.63127	1	1 RP11-395P13.3	-
ENSG00000249681	5.13E-15	-2.63127	1	1 KRT19P3	K07604
ENSG00000249686	5.13E-15	-2.63127	1	1 RP11-790I12.4	K00699
ENSG00000249688	5.13E-15	-2.63127	1	1 RP11-5N11.7	-
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ENSG00000249692	5.13E-15	-2.63127	1	1 RP11-21G20.4	-
ENSG00000249693	5.13E-15	-2.63127	1	1 THEGL	-
ENSG00000249694	5.13E-15	-2.63127	1	1 RP11-378A12.1	-
ENSG00000249695	5.13E-15	-2.63127	1	1 RP11-598F7.4	-
ENSG00000249697	5.13E-15	-2.63127	1	1 RP11-155L15.1	-
ENSG00000249698	5.13E-15	-2.63127	1	1 RP11-627H22.8	-
ENSG00000249699	5.13E-15	-2.63127	1	1 RP11-415C15.2	-
ENSG00000249706	5.13E-15	-2.63127	1	1 RP11-89B16.1	-
ENSG00000249708	5.13E-15	-2.63127	1	1 RP11-503L23.1	-
ENSG00000249710	5.13E-15	-2.63127	1	1 RP11-588P8.1	-
ENSG00000249713	5.13E-15	-2.63127	1	1 CTD-2236F14.1	-
ENSG00000249717	5.13E-15	-2.63127	1	1 RP11-44F21.3	-
ENSG00000249721	5.13E-15	-2.63127	1	1 RP11-83M16.4	-
ENSG00000249722	5.13E-15	-2.63127	1	1 CTC-430J12.2	-
ENSG00000249725	5.13E-15	-2.63127	1	1 RP11-469L4.1	-
ENSG00000249726	5.13E-15	-2.63127	1	1 TUBB1P1	K07375
ENSG00000249727	5.13E-15	-2.63127	1	1 RP11-273B19.2	-
ENSG00000249729	5.13E-15	-2.63127	1	1 RP11-55C6.1	-
ENSG00000249730	5.13E-15	-2.63127	1	1 OR10J4	K04257
ENSG00000249731	5.13E-15	-2.63127	1	1 RP11-259O2.3	-
ENSG00000249734	5.13E-15	-2.63127	1	1 RP11-332J15.1	-

ENSG00000249735	5.13E-15	-2.63127	1	1 RP11-468N14.12	K00699
ENSG00000249736	5.13E-15	-2.63127	1	1 RP11-83M16.5	-
ENSG00000249737	5.13E-15	-2.63127	1	1 RP1-167G20.2	-
ENSG00000249738	5.13E-15	-2.63127	1	1 AC008697.1	-
ENSG00000249741	5.13E-15	-2.63127	1	1 RP11-673E1.3	K16686
ENSG00000249742	5.13E-15	-2.63127	1	1 RP11-217E13.1	-
ENSG00000249743	5.13E-15	-2.63127	1	1 RP11-60A8.1	-
ENSG00000249744	5.13E-15	-2.63127	1	1 CTD-2057J6.2	-
ENSG00000249745	5.13E-15	-2.63127	1	1 HMGB1P28	K10802
ENSG00000249746	5.13E-15	-2.63127	1	1 RP11-254I22.3	-
ENSG00000249747	5.13E-15	-2.63127	1	1 RP11-308K2.1	-
ENSG00000249748	5.13E-15	-2.63127	1	1 RP11-79C6.3	-
ENSG00000249751	5.13E-15	-2.63127	1	1 ECSCR	-
ENSG00000249752	5.13E-15	-2.63127	1	1 RP11-563M4.1	-
ENSG00000249754	5.13E-15	-2.63127	1	1 RP11-425I13.2	K03960
ENSG00000249761	5.13E-15	-2.63127	1	1 CTD-2278B20.1	K10704
ENSG00000249763	5.13E-15	-2.63127	1	1 RP11-618I10.1	K00699
ENSG00000249764	5.13E-15	-2.63127	1	1 RP11-1299A16.1	-
ENSG00000249766	5.13E-15	-2.63127	1	1 RP11-802H3.1	-
ENSG00000249767	5.13E-15	-2.63127	1	1 ENPP7P10	K12354
ENSG00000249768	5.13E-15	-2.63127	1	1 HSPE1P10	K04078
ENSG00000249770	5.13E-15	-2.63127	1	1 MTND6P17	-
ENSG00000249772	5.13E-15	-2.63127	1	1 CTD-2193P3.2	-
ENSG00000249773	5.13E-15	-2.63127	1	1 MRPS17	K02961
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ENSG00000249776	5.13E-15	-2.63127	1	1 RP11-133F8.2	-
ENSG00000249777	5.13E-15	-2.63127	1	1 CTC-235G5.1	K14324
ENSG00000249778	5.13E-15	-2.63127	1	1 TRMT112P2	K15448
ENSG00000249779	5.13E-15	-2.63127	1	1 RP11-447H19.3	K00802
ENSG00000249780	5.13E-15	-2.63127	1	1 RP11-352E6.2	K02262
ENSG00000249781	5.13E-15	-2.63127	1	1 CTD-2143L24.1	-
ENSG00000249782	5.13E-15	-2.63127	1	1 RP11-417J1.1	-
ENSG00000249785	5.13E-15	-2.63127	1	1 CTD-2061E9.1	-
ENSG00000249787	5.13E-15	-2.63127	1	1 RP11-346J10.1	-
ENSG00000249790	5.13E-15	-2.63127	1	1 RP11-20D14.6	-
ENSG00000249791	5.13E-15	-2.63127	1	1 CTC-428G20.2	-
ENSG00000249792	5.13E-15	-2.63127	1	1 RP11-1072N2.3	-
ENSG00000249795	5.13E-15	-2.63127	1	1 RP11-18O11.2	K00657
ENSG00000249797	5.13E-15	-2.63127	1	1 CTD-3179P9.1	-
ENSG00000249798	5.13E-15	-2.63127	1	1 HSD3BP3	K00070
ENSG00000249799	5.13E-15	-2.63127	1	1 RP11-264E23.1	K11095
ENSG00000249806	5.13E-15	-2.63127	1	1 RP11-223C24.1	-
ENSG00000249807	5.13E-15	-2.63127	1	1 CTD-2199O4.1	-
ENSG00000249808	5.13E-15	-2.63127	1	1 CTD-2029E14.1	-
ENSG00000249811	5.13E-15	-2.63127	1	1 USP17L21	K11845
ENSG00000249816	5.13E-15	-2.63127	1	1 LINC00964	-
ENSG00000249818	5.13E-15	-2.63127	1	1 RP11-73G16.3	-
ENSG00000249819	5.13E-15	-2.63127	1	1 RP11-392C20.1	K11656
ENSG00000249820	5.13E-15	-2.63127	1	1 RP11-503I22.2	K15185
ENSG00000249825	5.13E-15	-2.63127	1	1 CTD-2201I18.1	-
ENSG00000249828	5.13E-15	-2.63127	1	1 RP11-1281K21.2	K17299
ENSG00000249829	5.13E-15	-2.63127	1	1 CTC-422A18.1	-
ENSG00000249830	5.13E-15	-2.63127	1	1 RP11-121L11.3	-
ENSG00000249833	5.13E-15	-2.63127	1	1 RP11-71E19.5	-
ENSG00000249834	5.13E-15	-2.63127	1	1 PGBD4P3	-
ENSG00000249835	5.13E-15	-2.63127	1	1 VCAN-AS1	-
ENSG00000249837	5.13E-15	-2.63127	1	1 CTD-2325B11.1	-
ENSG00000249838	5.13E-15	-2.63127	1	1 SUMO2P7	K12160

ENSG00000249842	5.13E-15	-2.63127	1	1 CTD-2331D11.4	-
ENSG00000249843	5.13E-15	-2.63127	1	1 RP11-45H22.2	-
ENSG00000249844	5.13E-15	-2.63127	1	1 OR7E43P	K04257
ENSG00000249846	5.13E-15	-2.63127	1	1 RP11-77P16.4	-
ENSG00000249847	5.13E-15	-2.63127	1	1 RP11-192C21.2	-
ENSG00000249848	5.13E-15	-2.63127	1	1 RP11-212F11.1	K18157
ENSG00000249849	5.13E-15	-2.63127	1	1 RP11-1101H11.1	-
ENSG00000249851	5.13E-15	-2.63127	1	1 RP11-166J22.1	K02977
ENSG00000249854	5.13E-15	-2.63127	1	1 RP11-420O16.1	-
ENSG00000249856	5.13E-15	-2.63127	1	1 CTD-2503O16.4	-
ENSG00000249857	5.13E-15	-2.63127	1	1 CTD-2227C6.3	-
ENSG00000249858	5.13E-15	-2.63127	1	1 SNX5P1	K17920
ENSG00000249860	5.13E-15	-2.63127	1	1 MTRNR2L5	K01982
ENSG00000249861	5.13E-15	-2.63127	1	1 LGALS16	K10096
ENSG00000249865	5.13E-15	-2.63127	1	1 CTD-2296D1.4	-
ENSG00000249866	5.13E-15	-2.63127	1	1 OR7E83P	K04257
ENSG00000249867	5.13E-15	-2.63127	1	1 RP11-115J23.1	-
ENSG00000249869	5.13E-15	-2.63127	1	1 RP11-93K22.7	K04257
ENSG00000249873	5.13E-15	-2.63127	1	1 RP11-983C2.2	-
ENSG00000249875	5.13E-15	-2.63127	1	1 RP11-51M24.1	-
ENSG00000249876	5.13E-15	-2.63127	1	1 CTC-563A5.4	K09512
ENSG00000249877	5.13E-15	-2.63127	1	1 RP11-706F1.2	-
ENSG00000249878	5.13E-15	-2.63127	1	1 CTD-2244C20.1	K05692
ENSG00000249881	5.13E-15	-2.63127	1	1 CTB-57H20.1	-
ENSG00000249882	5.13E-15	-2.63127	1	1 RP11-665I14.1	-
ENSG00000249883	5.13E-15	-2.63127	1	1 RP11-460H9.1	-
ENSG00000249884	5.13E-15	-2.63127	1	1 RNF103-CHMP3	K12193
ENSG00000249885	5.13E-15	-2.63127	1	1 ARHGGEF38-IT1	-
ENSG00000249887	5.13E-15	-2.63127	1	1 RP11-457P14.6	K10303
ENSG00000249888	5.13E-15	-2.63127	1	1 RP11-447H19.2	-
ENSG00000249890	5.13E-15	-2.63127	1	1 RP11-813N20.2	K00699
ENSG00000249891	5.13E-15	-2.63127	1	1 KRT19P6	-
ENSG00000249892	5.13E-15	-2.63127	1	1 RP11-525J21.1	-
ENSG00000249893	5.13E-15	-2.63127	1	1 MTND6P16	-
ENSG00000249894	5.13E-15	-2.63127	1	1 RP11-434D9.2	-
ENSG00000249896	5.13E-15	-2.63127	1	1 RP11-586D19.1	-
ENSG00000249901	5.13E-15	-2.63127	1	1 RP11-781M16.2	-
ENSG00000249904	5.13E-15	-2.63127	1	1 CTC-394G3.2	-
ENSG00000249906	5.13E-15	-2.63127	1	1 RP5-1029K10.2	-
ENSG00000249909	5.13E-15	-2.63127	1	1 CYCTP	K08738
ENSG00000249910	5.13E-15	-2.63127	1	1 TRIM51CP	K12019
ENSG00000249912	5.13E-15	-2.63127	1	1 TRBV26	-
ENSG00000249916	5.13E-15	-2.63127	1	1 CTD-2280E9.1	-
ENSG00000249917	5.13E-15	-2.63127	1	1 LINC00536	-
ENSG00000249919	5.13E-15	-2.63127	1	1 FABP5P6	K08754
ENSG00000249920	5.13E-15	-2.63127	1	1 HNRNPA1P55	K12741
ENSG00000249921	5.13E-15	-2.63127	1	1 CTC-329H14.1	K14753
ENSG00000249924	5.13E-15	-2.63127	1	1 RP11-27G13.1	-
ENSG00000249926	5.13E-15	-2.63127	1	1 RP11-495K9.6	-
ENSG00000249927	5.13E-15	-2.63127	1	1 CTD-2151L9.2	-
ENSG00000249928	5.13E-15	-2.63127	1	1 UQCRBP3	-
ENSG00000249930	5.13E-15	-2.63127	1	1 AC007016.3	K00134
ENSG00000249931	5.13E-15	-2.63127	1	1 GOLGA8K	K10595
ENSG00000249932	5.13E-15	-2.63127	1	1 RP11-395P13.2	-
ENSG00000249941	5.13E-15	-2.63127	1	1 CTD-2046I8.1	-
ENSG00000249942	5.13E-15	-2.63127	1	1 AC142293.3	-
ENSG00000249943	5.13E-15	-2.63127	1	1 RP11-213L8.1	-
ENSG00000249944	5.13E-15	-2.63127	1	1 CTB-161J7.1	-

ENSG00000249945	5.13E-15	-2.63127	1	1 RP11-598D14.1	-
ENSG00000249947	5.13E-15	-2.63127	1	1 XBP1P1	K09027
ENSG00000249948	5.13E-15	-2.63127	1	1 GBA3	K05350
ENSG00000249950	5.13E-15	-2.63127	1	1 CTC-394G3.1	-
ENSG00000249951	5.13E-15	-2.63127	1	1 RP11-554D13.1	-
ENSG00000249955	5.13E-15	-2.63127	1	1 RP11-6E9.4	-
ENSG00000249956	5.13E-15	-2.63127	1	1 RP11-790I12.2	K00699
ENSG00000249958	5.13E-15	-2.63127	1	1 CCT7P2	K09499
ENSG00000249959	5.13E-15	-2.63127	1	1 RP11-252I13.2	-
ENSG00000249960	5.13E-15	-2.63127	1	1 RP11-791G16.5	K11462
ENSG00000249961	5.13E-15	-2.63127	1	1 CCDC79	-
ENSG00000249962	5.13E-15	-2.63127	1	1 RP11-80H5.5	K09680
ENSG00000249963	5.13E-15	-2.63127	1	1 EEF1A1P20	K03231
ENSG00000249965	5.13E-15	-2.63127	1	1 CDC42P4	K04393
ENSG00000249966	5.13E-15	-2.63127	1	1 CTD-2194D22.1	-
ENSG00000249967	5.13E-15	-2.63127	1	1 PI4K2A	K13711
ENSG00000249970	5.13E-15	-2.63127	1	1 RP11-622A1.1	K02872
ENSG00000249971	5.13E-15	-2.63127	1	1 RP11-256P1.1	-
ENSG00000249973	5.13E-15	-2.63127	1	1 CHCHD2P7	-
ENSG00000249975	5.13E-15	-2.63127	1	1 OR5H3P	K04257
ENSG00000249976	5.13E-15	-2.63127	1	1 RP11-580P21.1	-
ENSG00000249977	5.13E-15	-2.63127	1	1 RP11-155G15.3	K12845
ENSG00000249978	5.13E-15	-2.63127	1	1 TRGV7	-
ENSG00000249981	5.13E-15	-2.63127	1	1 RP11-136K7.1	-
ENSG00000249982	5.13E-15	-2.63127	1	1 RP11-1018N14.3	-
ENSG00000249984	5.13E-15	-2.63127	1	1 CTC-529L17.2	-
ENSG00000249985	5.13E-15	-2.63127	1	1 RP11-468N14.8	K00699
ENSG00000249987	5.13E-15	-2.63127	1	1 RPS4XP20	K02987
ENSG00000249988	5.13E-15	-2.63127	1	1 RP11-669M16.1	-
ENSG00000249990	5.13E-15	-2.63127	1	1 RP11-474J18.2	-
ENSG00000249993	5.13E-15	-2.63127	1	1 BFSP2-AS1	-
ENSG00000249994	5.13E-15	-2.63127	1	1 CTD-2383I20.1	-
ENSG00000249995	5.13E-15	-2.63127	1	1 RP11-352E6.1	-
ENSG00000249996	5.13E-15	-2.63127	1	1 RP11-359P5.1	-
ENSG00000249997	5.13E-15	-2.63127	1	1 AC068137.8	-
ENSG00000249998	5.13E-15	-2.63127	1	1 RP11-141E13.1	-
ENSG00000250001	5.13E-15	-2.63127	1	1 CTD-2201E9.2	-
ENSG00000250003	5.13E-15	-2.63127	1	1 CTD-2116N24.1	-
ENSG00000250006	5.13E-15	-2.63127	1	1 CTB-179I1.1	-
ENSG00000250007	5.13E-15	-2.63127	1	1 RP11-814P5.1	-
ENSG00000250011	5.13E-15	-2.63127	1	1 HMGB1P3	K15413
ENSG00000250013	5.13E-15	-2.63127	1	1 RP11-456A14.1	-
ENSG00000250015	5.13E-15	-2.63127	1	1 CTC-339F2.2	-
ENSG00000250016	5.13E-15	-2.63127	1	1 SNX18P23	K17299
ENSG00000250017	5.13E-15	-2.63127	1	1 RP11-484L7.2	-
ENSG00000250020	5.13E-15	-2.63127	1	1 RP11-811I15.1	K09440
ENSG00000250024	5.13E-15	-2.63127	1	1 RP11-818C3.1	-
ENSG00000250025	5.13E-15	-2.63127	1	1 CTC-359M8.1	-
ENSG00000250026	5.13E-15	-2.63127	1	1 RP11-646E20.6	K09751
ENSG00000250030	5.13E-15	-2.63127	1	1 RP11-584P21.4	K12581
ENSG00000250031	5.13E-15	-2.63127	1	1 RP11-114M5.1	K07293
ENSG00000250032	5.13E-15	-2.63127	1	1 CTD-2194L12.3	-
ENSG00000250034	5.13E-15	-2.63127	1	1 RP11-793B23.1	-
ENSG00000250036	5.13E-15	-2.63127	1	1 IGKV1D-37	-
ENSG00000250037	5.13E-15	-2.63127	1	1 RP11-480D4.4	-
ENSG00000250038	5.13E-15	-2.63127	1	1 RP11-180C1.1	-
ENSG00000250039	5.13E-15	-2.63127	1	1 RP11-17E2.2	-
ENSG00000250040	5.13E-15	-2.63127	1	1 AC006499.8	K04366

ENSG00000250042	5.13E-15	-2.63127	1	1 RP11-91J3.2	-
ENSG00000250043	5.13E-15	-2.63127	1	1 RP11-161D15.2	-
ENSG00000250045	5.13E-15	-2.63127	1	1 CBX3P3	K11586
ENSG00000250046	5.13E-15	-2.63127	1	1 RP11-148B6.2	-
ENSG00000250048	5.13E-15	-2.63127	1	1 LINC00603	-
ENSG00000250049	5.13E-15	-2.63127	1	1 RP11-348J24.2	-
ENSG00000250053	5.13E-15	-2.63127	1	1 RARRES2P4	K10044
ENSG00000250055	5.13E-15	-2.63127	1	1 RP11-321E2.8	K03135
ENSG00000250056	5.13E-15	-2.63127	1	1 LINC01018	-
ENSG00000250057	5.13E-15	-2.63127	1	1 RP11-576N17.5	-
ENSG00000250060	5.13E-15	-2.63127	1	1 RP11-332J15.2	-
ENSG00000250061	5.13E-15	-2.63127	1	1 RP11-541P9.3	-
ENSG00000250062	5.13E-15	-2.63127	1	1 RP11-778J15.1	-
ENSG00000250064	5.13E-15	-2.63127	1	1 RP11-123O22.1	-
ENSG00000250066	5.13E-15	-2.63127	1	1 RP11-141O11.1	-
ENSG00000250071	5.13E-15	-2.63127	1	1 CTD-2060C23.1	K05757
ENSG00000250074	5.13E-15	-2.63127	1	1 AC006499.4	K07375
ENSG00000250076	5.13E-15	-2.63127	1	1 RP11-141P6.1	K10436
ENSG00000250078	5.13E-15	-2.63127	1	1 RP11-577G20.2	-
ENSG00000250079	5.13E-15	-2.63127	1	1 RP11-560A7.1	K10172
ENSG00000250080	5.13E-15	-2.63127	1	1 CTB-88F18.2	K13190
ENSG00000250082	5.13E-15	-2.63127	1	1 RP11-796L2.1	-
ENSG00000250084	5.13E-15	-2.63127	1	1 RP11-485B17.5	-
ENSG00000250088	5.13E-15	-2.63127	1	1 RP11-432M8.1	-
ENSG00000250090	5.13E-15	-2.63127	1	1 RP13-401N8.3	K09228
ENSG00000250092	5.13E-15	-2.63127	1	1 RP11-556G22.3	-
ENSG00000250095	5.13E-15	-2.63127	1	1 NREP-AS1	-
ENSG00000250098	5.13E-15	-2.63127	1	1 RP11-22A3.1	-
ENSG00000250099	5.13E-15	-2.63127	1	1 RP11-12P19.2	K04969
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ENSG00000250101	5.13E-15	-2.63127	1	1 RP11-1252I4.2	-
ENSG00000250102	5.13E-15	-2.63127	1	1 RP11-314N14.1	-
ENSG00000250103	5.13E-15	-2.63127	1	1 RP11-380D23.2	-
ENSG00000250105	5.13E-15	-2.63127	1	1 CTD-3074O7.2	-
ENSG00000250107	5.13E-15	-2.63127	1	1 CACNA1G-AS1	-
ENSG00000250113	5.13E-15	-2.63127	1	1 RP13-221M14.6	-
ENSG00000250114	5.13E-15	-2.63127	1	1 CTB-95B16.1	K18754
ENSG00000250115	5.13E-15	-2.63127	1	1 AK3P2	K00944
ENSG00000250118	5.13E-15	-2.63127	1	1 RP11-136H13.2	K10416
ENSG00000250120	5.13E-15	-2.63127	1	1 PCDHA10	K16493
ENSG00000250122	5.13E-15	-2.63127	1	1 CTD-2013M15.1	-
ENSG00000250124	5.13E-15	-2.63127	1	1 CTC-261N6.2	-
ENSG00000250125	5.13E-15	-2.63127	1	1 RP11-707A18.1	-
ENSG00000250126	5.13E-15	-2.63127	1	1 RP13-884E18.2	-
ENSG00000250127	5.13E-15	-2.63127	1	1 CTD-2117L12.1	K12581
ENSG00000250129	5.13E-15	-2.63127	1	1 RP11-265F19.1	-
ENSG00000250135	5.13E-15	-2.63127	1	1 RP4-622L5.2	-
ENSG00000250137	5.13E-15	-2.63127	1	1 RP11-380P13.1	-
ENSG00000250138	5.13E-15	-2.63127	1	1 RP11-848G14.5	-
ENSG00000250141	5.13E-15	-2.63127	1	1 RP11-208N20.1	-
ENSG00000250144	5.13E-15	-2.63127	1	1 RP11-553P9.1	K03231
ENSG00000250145	5.13E-15	-2.63127	1	1 CTD-2285G11.1	K09228
ENSG00000250147	5.13E-15	-2.63127	1	1 MORF4L2P1	K11342
ENSG00000250148	5.13E-15	-2.63127	1	1 KRT8P31	K07605
ENSG00000250149	5.13E-15	-2.63127	1	1 RP11-399F2.2	-
ENSG00000250150	5.13E-15	-2.63127	1	1 RP11-436A7.1	-
ENSG00000250156	5.13E-15	-2.63127	1	1 CTC-498M16.2	-
ENSG00000250158	5.13E-15	-2.63127	1	1 RP11-254I22.2	-

ENSG00000250161	5.13E-15	-2.63127	1	1 TRMT112P5	-
ENSG00000250162	5.13E-15	-2.63127	1	1 CSNK1A1P3	K08957
ENSG00000250164	5.13E-15	-2.63127	1	1 RP11-5N11.6	-
ENSG00000250166	5.13E-15	-2.63127	1	1 RP11-268P4.5	-
ENSG00000250167	5.13E-15	-2.63127	1	1 CTC-321K16.1	-
ENSG00000250169	5.13E-15	-2.63127	1	1 MTND5P13	-
ENSG00000250170	5.13E-15	-2.63127	1	1 RASA2-IT1	-
ENSG00000250173	5.13E-15	-2.63127	1	1 RP11-661C8.3	-
ENSG00000250174	5.13E-15	-2.63127	1	1 MYLK-AS2	-
ENSG00000250180	5.13E-15	-2.63127	1	1 RP11-138A23.2	-
ENSG00000250183	5.13E-15	-2.63127	1	1 RP11-96A1.4	-
ENSG00000250185	5.13E-15	-2.63127	1	1 RCC2P8	-
ENSG00000250186	5.13E-15	-2.63127	1	1 RP11-1079K10.4	-
ENSG00000250189	5.13E-15	-2.63127	1	1 RP11-362F19.2	K09228
ENSG00000250190	5.13E-15	-2.63127	1	1 RP11-292B1.2	-
ENSG00000250191	5.13E-15	-2.63127	1	1 RP11-285A15.1	-
ENSG00000250193	5.13E-15	-2.63127	1	1 RP11-419L4.1	-
ENSG00000250194	5.13E-15	-2.63127	1	1 RP11-257I8.1	-
ENSG00000250195	5.13E-15	-2.63127	1	1 RP11-371F15.3	-
ENSG00000250197	5.13E-15	-2.63127	1	1 HMG1P15	-
ENSG00000250198	5.13E-15	-2.63127	1	1 RP11-143A12.3	-
ENSG00000250200	5.13E-15	-2.63127	1	1 RP13-577H12.3	-
ENSG00000250202	5.13E-15	-2.63127	1	1 RP11-397E7.2	-
ENSG00000250204	5.13E-15	-2.63127	1	1 AC006335.6	-
ENSG00000250205	5.13E-15	-2.63127	1	1 YWHAEP4	K06630
ENSG00000250206	5.13E-15	-2.63127	1	1 RP11-436H11.2	-
ENSG00000250207	5.13E-15	-2.63127	1	1 AC079776.6	-
ENSG00000250210	5.13E-15	-2.63127	1	1 RP11-585F1.10	K16941
ENSG00000250213	5.13E-15	-2.63127	1	1 RP11-488I4.2	-
ENSG00000250214	5.13E-15	-2.63127	1	1 RP13-488H8.1	K02268
ENSG00000250215	5.13E-15	-2.63127	1	1 CIR1P2	K06066
ENSG00000250218	5.13E-15	-2.63127	1	1 ALDH1L1-AS1	-
ENSG00000250219	5.13E-15	-2.63127	1	1 LTV1P1	-
ENSG00000250221	5.13E-15	-2.63127	1	1 KRT8P32	K07605
ENSG00000250223	5.13E-15	-2.63127	1	1 EMCN-IT3	-
ENSG00000250227	5.13E-15	-2.63127	1	1 TRIM60P14	K12029
ENSG00000250229	5.13E-15	-2.63127	1	1 RP11-397D21.1	K07750
ENSG00000250230	5.13E-15	-2.63127	1	1 RP11-855O10.2	-
ENSG00000250231	5.13E-15	-2.63127	1	1 USP17L16P	K11845
ENSG00000250232	5.13E-15	-2.63127	1	1 AF196779.12	-
ENSG00000250234	5.13E-15	-2.63127	1	1 CTD-2024P10.1	-
ENSG00000250237	5.13E-15	-2.63127	1	1 CTC-498J12.1	-
ENSG00000250238	5.13E-15	-2.63127	1	1 Z95704.3	K06632
ENSG00000250242	5.13E-15	-2.63127	1	1 RP11-438C19.1	-
ENSG00000250243	5.13E-15	-2.63127	1	1 RP11-120A1.1	-
ENSG00000250244	5.13E-15	-2.63127	1	1 CTB-49A3.4	-
ENSG00000250249	5.13E-15	-2.63127	1	1 RP11-30P21.2	-
ENSG00000250250	5.13E-15	-2.63127	1	1 CTD-2350J17.1	-
ENSG00000250252	5.13E-15	-2.63127	1	1 RP11-342A1.1	-
ENSG00000250253	5.13E-15	-2.63127	1	1 RP11-1072N2.2	K02875
ENSG00000250254	5.13E-15	-2.63127	1	1 PTTG2	K06635
ENSG00000250256	5.13E-15	-2.63127	1	1 RP11-267A15.3	-
ENSG00000250257	5.13E-15	-2.63127	1	1 LDHAL6DP	K00016
ENSG00000250258	5.13E-15	-2.63127	1	1 CTC-431G16.2	-
ENSG00000250259	5.13E-15	-2.63127	1	1 RP11-460I19.2	-
ENSG00000250260	5.13E-15	-2.63127	1	1 RP11-325L7.2	-
ENSG00000250263	5.13E-15	-2.63127	1	1 RP11-765K14.1	-
ENSG00000250264	5.13E-15	-2.63127	1	1 TAP2	K05654

ENSG00000250266	5.13E-15	-2.63127	1	1 RP11-789C1.1	-
ENSG00000250267	5.13E-15	-2.63127	1	1 RP11-122A21.2	-
ENSG00000250268	5.13E-15	-2.63127	1	1 ALG1L14P	K03842
ENSG00000250269	5.13E-15	-2.63127	1	1 RP11-395P13.5	-
ENSG00000250271	5.13E-15	-2.63127	1	1 RP11-64D22.5	-
ENSG00000250272	5.13E-15	-2.63127	1	1 TRMT112P1	K15448
ENSG00000250273	5.13E-15	-2.63127	1	1 PSMC1P5	K03062
ENSG00000250274	5.13E-15	-2.63127	1	1 CTB-114C7.4	-
ENSG00000250277	5.13E-15	-2.63127	1	1 RP11-468N14.11	K10523
ENSG00000250286	5.13E-15	-2.63127	1	1 RP11-94C24.8	-
ENSG00000250289	5.13E-15	-2.63127	1	1 VWA8P1	-
ENSG00000250290	5.13E-15	-2.63127	1	1 CTC-820M8.1	K06678
ENSG00000250293	5.13E-15	-2.63127	1	1 CRYZP2	-
ENSG00000250296	5.13E-15	-2.63127	1	1 RP11-321E2.9	K03135
ENSG00000250298	5.13E-15	-2.63127	1	1 GIMD1	-
ENSG00000250300	5.13E-15	-2.63127	1	1 RP11-696N14.3	-
ENSG00000250302	5.13E-15	-2.63127	1	1 RP11-752D24.3	-
ENSG00000250304	5.13E-15	-2.63127	1	1 ZBED1P1	-
ENSG00000250305	5.13E-15	-2.63127	1	1 KIAA1456	K12581
ENSG00000250306	5.13E-15	-2.63127	1	1 CTC-498M16.3	K02866
ENSG00000250307	5.13E-15	-2.63127	1	1 TUBB8P3	K07375
ENSG00000250308	5.13E-15	-2.63127	1	1 SALL4P1	-
ENSG00000250309	5.13E-15	-2.63127	1	1 CTC-345K18.2	-
ENSG00000250310	5.13E-15	-2.63127	1	1 RP5-1029K10.4	-
ENSG00000250312	5.13E-15	-2.63127	1	1 ZNF718	-
ENSG00000250313	5.13E-15	-2.63127	1	1 RP11-5P22.3	-
ENSG00000250315	5.13E-15	-2.63127	1	1 RP11-44F21.4	-
ENSG00000250316	5.13E-15	-2.63127	1	1 RP11-618M23.1	-
ENSG00000250319	5.13E-15	-2.63127	1	1 CTD-2272G21.3	-
ENSG00000250321	5.13E-15	-2.63127	1	1 RP11-478C6.4	K02962
ENSG00000250322	5.13E-15	-2.63127	1	1 CTB-51E13.1	K02953
ENSG00000250324	5.13E-15	-2.63127	1	1 MRPL22P1	K02890
ENSG00000250325	5.13E-15	-2.63127	1	1 IGBP1P4	K17606
ENSG00000250327	5.13E-15	-2.63127	1	1 RP11-173M11.2	K02998
ENSG00000250328	5.13E-15	-2.63127	1	1 CTC-210G5.1	-
ENSG00000250329	5.13E-15	-2.63127	1	1 KDELC1P1	-
ENSG00000250331	5.13E-15	-2.63127	1	1 RP11-1E3.1	-
ENSG00000250333	5.13E-15	-2.63127	1	1 RP11-4O3.1	-
ENSG00000250334	5.13E-15	-2.63127	1	1 LINC00989	-
ENSG00000250338	5.13E-15	-2.63127	1	1 RP11-395I6.2	-
ENSG00000250339	5.13E-15	-2.63127	1	1 CXCL1P	K05505
ENSG00000250340	5.13E-15	-2.63127	1	1 RP11-577G20.1	-
ENSG00000250341	5.13E-15	-2.63127	1	1 RP11-785F11.1	-
ENSG00000250342	5.13E-15	-2.63127	1	1 RP11-747H12.6	K11095
ENSG00000250343	5.13E-15	-2.63127	1	1 CTC-255N20.1	-
ENSG00000250344	5.13E-15	-2.63127	1	1 RP11-647P12.1	-
ENSG00000250345	5.13E-15	-2.63127	1	1 RP11-780M14.1	K00894
ENSG00000250346	5.13E-15	-2.63127	1	1 EEF1GP2	K03233
ENSG00000250347	5.13E-15	-2.63127	1	1 AC005740.4	K02867
ENSG00000250348	5.13E-15	-2.63127	1	1 RP11-466P24.6	-
ENSG00000250349	5.13E-15	-2.63127	1	1 TM4SF2	K06571
ENSG00000250350	5.13E-15	-2.63127	1	1 RP11-731D1.3	-
ENSG00000250351	5.13E-15	-2.63127	1	1 RP11-432M8.10	K11253
ENSG00000250354	5.13E-15	-2.63127	1	1 RP11-76G10.1	-
ENSG00000250355	5.13E-15	-2.63127	1	1 RP11-79L21.1	-
ENSG00000250356	5.13E-15	-2.63127	1	1 HSPE1P23	K04078
ENSG00000250357	5.13E-15	-2.63127	1	1 RP11-503L19.1	-
ENSG00000250358	5.13E-15	-2.63127	1	1 RP11-159K7.2	-

ENSG00000250359	5.13E-15	-2.63127	1	1 PTP4A1P4	K18041
ENSG00000250361	5.13E-15	-2.63127	1	1 GYPB	K06575
ENSG00000250363	5.13E-15	-2.63127	1	1 KRT18P21	K07604
ENSG00000250366	5.13E-15	-2.63127	1	1 LINC00617	-
ENSG00000250371	5.13E-15	-2.63127	1	1 RP11-22A3.2	-
ENSG00000250372	5.13E-15	-2.63127	1	1 MARK2P4	-
ENSG00000250374	5.13E-15	-2.63127	1	1 RP11-219C20.1	K12037
ENSG00000250375	5.13E-15	-2.63127	1	1 RP11-340A13.3	-
ENSG00000250376	5.13E-15	-2.63127	1	1 CTD-2005D20.1	K00699
ENSG00000250377	5.13E-15	-2.63127	1	1 CTC-467M3.3	-
ENSG00000250378	5.13E-15	-2.63127	1	1 RP11-119J18.1	-
ENSG00000250381	5.13E-15	-2.63127	1	1 UNC93B4	K04257
ENSG00000250383	5.13E-15	-2.63127	1	1 CTD-2197I11.1	-
ENSG00000250384	5.13E-15	-2.63127	1	1 UBE2CP3	K06688
ENSG00000250385	5.13E-15	-2.63127	1	1 RP11-310P5.2	-
ENSG00000250386	5.13E-15	-2.63127	1	1 RP11-432M8.11	K11253
ENSG00000250387	5.13E-15	-2.63127	1	1 RP11-136K7.2	-
ENSG00000250389	5.13E-15	-2.63127	1	1 MTND6P2	-
ENSG00000250390	5.13E-15	-2.63127	1	1 RP11-338H14.1	-
ENSG00000250391	5.13E-15	-2.63127	1	1 CTD-2160D9.1	-
ENSG00000250392	5.13E-15	-2.63127	1	1 RP11-700N1.1	-
ENSG00000250393	5.13E-15	-2.63127	1	1 RP11-480G3.1	-
ENSG00000250398	5.13E-15	-2.63127	1	1 RP11-27G13.4	-
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ENSG00000250403	5.13E-15	-2.63127	1	1 RP11-15B17.2	-
ENSG00000250405	5.13E-15	-2.63127	1	1 RP11-114H7.2	K13096
ENSG00000250406	5.13E-15	-2.63127	1	1 RP13-539F13.3	-
ENSG00000250407	5.13E-15	-2.63127	1	1 CTB-99A3.1	-
ENSG00000250409	5.13E-15	-2.63127	1	1 CTB-3M24.3	-
ENSG00000250411	5.13E-15	-2.63127	1	1 RP11-257I8.2	-
ENSG00000250412	5.13E-15	-2.63127	1	1 KLHL2P1	K10443
ENSG00000250413	5.13E-15	-2.63127	1	1 RP11-448G15.1	-
ENSG00000250415	5.13E-15	-2.63127	1	1 CTC-461F20.1	-
ENSG00000250416	5.13E-15	-2.63127	1	1 SEC63P2	-
ENSG00000250417	5.13E-15	-2.63127	1	1 CTD-2194D22.2	-
ENSG00000250418	5.13E-15	-2.63127	1	1 RP11-503D12.1	-
ENSG00000250420	5.13E-15	-2.63127	1	1 AACSP1	K01907
ENSG00000250421	5.13E-15	-2.63127	1	1 RP11-83M16.6	-
ENSG00000250422	5.13E-15	-2.63127	1	1 RP11-484L7.1	K12399
ENSG00000250423	5.13E-15	-2.63127	1	1 KIAA1210	K17985
ENSG00000250424	5.13E-15	-2.63127	1	1 AQP1	K09864
ENSG00000250425	5.13E-15	-2.63127	1	1 OR7E35P	K04257
ENSG00000250426	5.13E-15	-2.63127	1	1 FTLP10	K17985
ENSG00000250427	5.13E-15	-2.63127	1	1 CTD-3179P9.2	-
ENSG00000250428	5.13E-15	-2.63127	1	1 RP11-1082L8.1	K16075
ENSG00000250430	5.13E-15	-2.63127	1	1 RP11-366M4.15	K09537
ENSG00000250431	5.13E-15	-2.63127	1	1 RP13-577H12.2	-
ENSG00000250433	5.13E-15	-2.63127	1	1 CLSTN2-AS1	-
ENSG00000250436	5.13E-15	-2.63127	1	1 RP11-622A1.2	-
ENSG00000250437	5.13E-15	-2.63127	1	1 RP11-116A1.1	-
ENSG00000250438	5.13E-15	-2.63127	1	1 CTD-2308B18.2	-
ENSG00000250439	5.13E-15	-2.63127	1	1 FGD5P1	K05724
ENSG00000250441	5.13E-15	-2.63127	1	1 RP11-47F1.1	K12621
ENSG00000250442	5.13E-15	-2.63127	1	1 EIF3KP3	K15028
ENSG00000250443	5.13E-15	-2.63127	1	1 AC128709.1	K12581
ENSG00000250446	5.13E-15	-2.63127	1	1 CTD-2275D24.3	-
ENSG00000250447	5.13E-15	-2.63127	1	1 CTD-2081C10.1	-

ENSG00000250448	5.13E-15	-2.63127	1	1 RP11-19O2.2	--
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ENSG00000250455	5.13E-15	-2.63127	1	1 RP11-648M2.1	--
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ENSG00000250458	5.13E-15	-2.63127	1	1 RP11-107E21.1	--
ENSG00000250464	5.13E-15	-2.63127	1	1 RP11-148K14.1	--
ENSG00000250467	5.13E-15	-2.63127	1	1 RP11-227F19.1	--
ENSG00000250470	5.13E-15	-2.63127	1	1 AP000351.3	K00799
ENSG00000250472	5.13E-15	-2.63127	1	1 TRIM36-IT1	--
ENSG00000250473	5.13E-15	-2.63127	1	1 DUTP7	K01520
ENSG00000250475	5.13E-15	-2.63127	1	1 RP11-312A15.3	K02934
ENSG00000250476	5.13E-15	-2.63127	1	1 ENPP7P9	K12354
ENSG00000250480	5.13E-15	-2.63127	1	1 RP11-101B14.1	--
ENSG00000250481	5.13E-15	-2.63127	1	1 CTD-2247C11.1	--
ENSG00000250482	5.13E-15	-2.63127	1	1 RP11-152K4.1	--
ENSG00000250483	5.13E-15	-2.63127	1	1 PPM1AP1	K04457
ENSG00000250484	5.13E-15	-2.63127	1	1 RP11-728C8.1	K03767
ENSG00000250485	5.13E-15	-2.63127	1	1 EXOC7P1	K07195
ENSG00000250486	5.13E-15	-2.63127	1	1 FAM218A	--
ENSG00000250488	5.13E-15	-2.63127	1	1 RP11-6C14.1	--
ENSG00000250490	5.13E-15	-2.63127	1	1 CTD-2324F15.2	--
ENSG00000250493	5.13E-15	-2.63127	1	1 RP11-640N11.2	--
ENSG00000250494	5.13E-15	-2.63127	1	1 RP11-162D9.1	--
ENSG00000250497	5.13E-15	-2.63127	1	1 AC007126.1	--
ENSG00000250500	5.13E-15	-2.63127	1	1 RP11-119H12.3	K03242
ENSG00000250501	5.13E-15	-2.63127	1	1 RP11-98O2.1	--
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ENSG00000250510	5.13E-15	-2.63127	1	1 GPR162	K08440
ENSG00000250511	5.13E-15	-2.63127	1	1 RP11-380D23.1	--
ENSG00000250514	5.13E-15	-2.63127	1	1 RP11-96P7.1	--
ENSG00000250515	5.13E-15	-2.63127	1	1 RP11-515C16.7	--
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ENSG00000250517	5.13E-15	-2.63127	1	1 LDHAL6CP	K00016
ENSG00000250519	5.13E-15	-2.63127	1	1 RP11-680H20.2	--
ENSG00000250522	5.13E-15	-2.63127	1	1 AC004066.3	--
ENSG00000250523	5.13E-15	-2.63127	1	1 RP11-756P10.1	--
ENSG00000250524	5.13E-15	-2.63127	1	1 RP11-730N24.2	--
ENSG00000250526	5.13E-15	-2.63127	1	1 CCT6P2	K09498
ENSG00000250529	5.13E-15	-2.63127	1	1 CTD-2247C11.5	--
ENSG00000250530	5.13E-15	-2.63127	1	1 RP11-436H11.3	--
ENSG00000250532	5.13E-15	-2.63127	1	1 RP11-727M10.1	--
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ENSG00000250537	5.13E-15	-2.63127	1	1 DUX4L8	--
ENSG00000250538	5.13E-15	-2.63127	1	1 RP11-92A5.2	--
ENSG00000250540	5.13E-15	-2.63127	1	1 RP11-58H15.3	--
ENSG00000250541	5.13E-15	-2.63127	1	1 RP11-302F12.10	--
ENSG00000250543	5.13E-15	-2.63127	1	1 RP11-442N1.1	--
ENSG00000250544	5.13E-15	-2.63127	1	1 CTC-493L21.1	--
ENSG00000250546	5.13E-15	-2.63127	1	1 RP11-8L2.1	--
ENSG00000250547	5.13E-15	-2.63127	1	1 RP11-719L21.1	K02988
ENSG00000250550	5.13E-15	-2.63127	1	1 PPBPP1	K10029
ENSG00000250555	5.13E-15	-2.63127	1	1 CTC-467M3.2	--
ENSG00000250558	5.13E-15	-2.63127	1	1 RP11-432M8.3	K03135
ENSG00000250560	5.13E-15	-2.63127	1	1 RP11-598G2.1	K09228
ENSG00000250561	5.13E-15	-2.63127	1	1 OR7E59P	K04257

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ENSG00000250567	5.13E-15	-2.63127	1	1 CTD-2154H6.1	-
ENSG00000250572	5.13E-15	-2.63127	1	1 RP11-529H2.1	-
ENSG00000250573	5.13E-15	-2.63127	1	1 AC006499.5	-
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ENSG00000250575	5.13E-15	-2.63127	1	1 RP4-669L17.8	-
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ENSG00000250577	5.13E-15	-2.63127	1	1 RP11-577B7.1	-
ENSG00000250579	5.13E-15	-2.63127	1	1 CTD-2297D10.2	-
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ENSG00000250582	5.13E-15	-2.63127	1	1 SMAD1-AS2	-
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ENSG00000250584	5.13E-15	-2.63127	1	1 RP11-325I22.2	-
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ENSG00000250590	5.13E-15	-2.63127	1	1 RP11-565A3.2	-
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ENSG00000250592	5.13E-15	-2.63127	1	1 RP11-39E3.3	-
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ENSG00000250596	5.13E-15	-2.63127	1	1 RP11-440I14.2	-
ENSG00000250597	5.13E-15	-2.63127	1	1 RP11-725M22.1	-
ENSG00000250603	5.13E-15	-2.63127	1	1 CTC-228N24.2	-
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ENSG00000250608	5.13E-15	-2.63127	1	1 RP11-933H2.4	-
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ENSG00000250612	5.13E-15	-2.63127	1	1 RP11-618I10.2	K00699
ENSG00000250613	5.13E-15	-2.63127	1	1 RP11-136I13.1	K10420
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ENSG00000250615	5.13E-15	-2.63127	1	1 CTC-564N23.2	-
ENSG00000250618	5.13E-15	-2.63127	1	1 RP11-548K12.9	-
ENSG00000250619	5.13E-15	-2.63127	1	1 CTD-2215L10.1	-
ENSG00000250620	5.13E-15	-2.63127	1	1 RP11-91J3.3	-
ENSG00000250622	5.13E-15	-2.63127	1	1 RP11-612J15.3	K02915
ENSG00000250623	5.13E-15	-2.63127	1	1 RP11-317B7.3	-
ENSG00000250625	5.13E-15	-2.63127	1	1 RP1-142F18.2	-
ENSG00000250626	5.13E-15	-2.63127	1	1 RP11-756P10.2	-
ENSG00000250627	5.13E-15	-2.63127	1	1 TTC39CP1	-
ENSG00000250630	5.13E-15	-2.63127	1	1 RP11-52L11.4	-
ENSG00000250632	5.13E-15	-2.63127	1	1 RP3-513G18.2	-
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ENSG00000250636	5.13E-15	-2.63127	1	1 RP11-335L23.2	K13129
ENSG00000250637	5.13E-15	-2.63127	1	1 RP11-359P18.1	-
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ENSG00000250641	5.13E-15	-2.63127	1	1 MEGT1	K06846
ENSG00000250642	5.13E-15	-2.63127	1	1 RP11-642E20.5	K00699
ENSG00000250643	5.13E-15	-2.63127	1	1 RP11-93K22.6	-
ENSG00000250646	5.13E-15	-2.63127	1	1 RP11-530I17.1	-
ENSG00000250650	5.13E-15	-2.63127	1	1 RP11-492L8.1	-
ENSG00000250651	5.13E-15	-2.63127	1	1 PABPC1P7	K13126
ENSG00000250655	5.13E-15	-2.63127	1	1 RP11-61G24.1	K06271
ENSG00000250657	5.13E-15	-2.63127	1	1 RP11-1E6.1	-
ENSG00000250658	5.13E-15	-2.63127	1	1 RP11-138B4.1	-
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ENSG00000250665	5.13E-15	-2.63127	1	1 RP11-775H9.1	-
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ENSG00000250667	5.13E-15	-2.63127	1	1 RP11-321E2.12	-
ENSG00000250668	5.13E-15	-2.63127	1	1 CTD-2296D1.2	-
ENSG00000250669	5.13E-15	-2.63127	1	1 RP11-83M16.3	K17420
ENSG00000250670	5.13E-15	-2.63127	1	1 AC004063.1	-
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ENSG00000250673	5.13E-15	-2.63127	1	1 RP11-6L6.2	-
ENSG00000250674	5.13E-15	-2.63127	1	1 RP11-798K23.1	-
ENSG00000250678	5.13E-15	-2.63127	1	1 CTB-161M19.1	K01097
ENSG00000250681	5.13E-15	-2.63127	1	1 RP3-368B9.2	-
ENSG00000250682	5.13E-15	-2.63127	1	1 LINC00491	-
ENSG00000250684	5.13E-15	-2.63127	1	1 KB-1042C11.1	K08967
ENSG00000250685	5.13E-15	-2.63127	1	1 RP11-486L19.2	-
ENSG00000250686	5.13E-15	-2.63127	1	1 RP1-240B8.3	-
ENSG00000250687	5.13E-15	-2.63127	1	1 RP11-497H16.7	K12807
ENSG00000250688	5.13E-15	-2.63127	1	1 TRAJ55	-
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ENSG00000250693	5.13E-15	-2.63127	1	1 RPF2P2	K14847
ENSG00000250694	5.13E-15	-2.63127	1	1 CTD-2074D8.1	-
ENSG00000250696	5.13E-15	-2.63127	1	1 RP11-704M14.1	-
ENSG00000250698	5.13E-15	-2.63127	1	1 RP11-392B6.1	-
ENSG00000250699	5.13E-15	-2.63127	1	1 AP000892.4	-
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ENSG00000250704	5.13E-15	-2.63127	1	1 RP11-423J7.1	-
ENSG00000250705	5.13E-15	-2.63127	1	1 CTC-470C15.1	K11253
ENSG00000250706	5.13E-15	-2.63127	1	1 RP11-18H21.2	-
ENSG00000250708	5.13E-15	-2.63127	1	1 RP11-161D15.1	-
ENSG00000250709	5.13E-15	-2.63127	1	1 CCDC169-SOHLH2	-
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ENSG00000250711	5.13E-15	-2.63127	1	1 CTD-2201E18.1	-
ENSG00000250712	5.13E-15	-2.63127	1	1 RP11-366M4.14	K12037
ENSG00000250714	5.13E-15	-2.63127	1	1 RP11-1149O23.4	-
ENSG00000250715	5.13E-15	-2.63127	1	1 RP11-432M8.19	K11253
ENSG00000250716	5.13E-15	-2.63127	1	1 RP11-121L11.2	-
ENSG00000250719	5.13E-15	-2.63127	1	1 RP11-322N21.2	-
ENSG00000250721	5.13E-15	-2.63127	1	1 HMGB1P22	K10802
ENSG00000250723	5.13E-15	-2.63127	1	1 RP11-79E3.2	-
ENSG00000250725	5.13E-15	-2.63127	1	1 RP11-511B7.1	K12014
ENSG00000250726	5.13E-15	-2.63127	1	1 RP11-616K6.1	-
ENSG00000250727	5.13E-15	-2.63127	1	1 RP11-959I15.1	-
ENSG00000250728	5.13E-15	-2.63127	1	1 AC010468.3	K18751
ENSG00000250730	5.13E-15	-2.63127	1	1 HMGB3P3	K11296
ENSG00000250732	5.13E-15	-2.63127	1	1 RPEP1	-
ENSG00000250733	5.13E-15	-2.63127	1	1 C8orf17	K17985
ENSG00000250735	5.13E-15	-2.63127	1	1 RP11-567N4.3	-
ENSG00000250739	5.13E-15	-2.63127	1	1 RP11-462G22.1	-
ENSG00000250740	5.13E-15	-2.63127	1	1 RP11-710F7.2	-
ENSG00000250741	5.13E-15	-2.63127	1	1 NT5C1B-RDH14	K01081
ENSG00000250745	5.13E-15	-2.63127	1	1 USP17L20	K11845
ENSG00000250746	5.13E-15	-2.63127	1	1 RP11-39C10.1	K09490
ENSG00000250747	5.13E-15	-2.63127	1	1 RP11-232L2.1	K02985
ENSG00000250750	5.13E-15	-2.63127	1	1 OR5BM1P	K04257
ENSG00000250751	5.13E-15	-2.63127	1	1 RP11-613C6.2	-
ENSG00000250752	5.13E-15	-2.63127	1	1 GS1-24F4.1	K02893
ENSG00000250753	5.13E-15	-2.63127	1	1 RP11-241F15.10	K17299
ENSG00000250754	5.13E-15	-2.63127	1	1 RP11-386B13.3	-
ENSG00000250760	5.13E-15	-2.63127	1	1 RP11-440I14.4	K09228

ENSG00000250761	5.13E-15	-2.63127	1	1 RP11-711G10.1	-
ENSG00000250765	5.13E-15	-2.63127	1	1 AC138035.1	-
ENSG00000250767	5.13E-15	-2.63127	1	1 RP11-1084J3.3	K01679
ENSG00000250768	5.13E-15	-2.63127	1	1 RP11-204H9.2	K01277
ENSG00000250770	5.13E-15	-2.63127	1	1 RP5-1063M23.1	-
ENSG00000250771	5.13E-15	-2.63127	1	1 RP11-153M7.3	K10159
ENSG00000250772	5.13E-15	-2.63127	1	1 RP11-236P13.1	-
ENSG00000250775	5.13E-15	-2.63127	1	1 RP11-12K22.1	-
ENSG00000250777	5.13E-15	-2.63127	1	1 RP13-884E18.4	-
ENSG00000250778	5.13E-15	-2.63127	1	1 AC004980.8	K10858
ENSG00000250781	5.13E-15	-2.63127	1	1 RP11-63A11.1	-
ENSG00000250782	5.13E-15	-2.63127	1	1 RP11-432M8.13	K03135
ENSG00000250786	5.13E-15	-2.63127	1	1 SNHG18	-
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ENSG00000250788	5.13E-15	-2.63127	1	1 TUBB8P4	K07375
ENSG00000250790	5.13E-15	-2.63127	1	1 RP11-46H11.3	-
ENSG00000250791	5.13E-15	-2.63127	1	1 RP11-55L3.1	-
ENSG00000250796	5.13E-15	-2.63127	1	1 RP11-723O4.3	-
ENSG00000250799	5.13E-15	-2.63127	1	1 PRODH2	K11394
ENSG00000250801	5.13E-15	-2.63127	1	1 RP11-91H12.3	-
ENSG00000250803	5.13E-15	-2.63127	1	1 CTC-441N14.4	-
ENSG00000250804	5.13E-15	-2.63127	1	1 RP11-747H12.3	K04257
ENSG00000250806	5.13E-15	-2.63127	1	1 CTC-293G12.1	-
ENSG00000250807	5.13E-15	-2.63127	1	1 RP11-432M8.2	K03135
ENSG00000250808	5.13E-15	-2.63127	1	1 RP11-531A21.4	-
ENSG00000250812	5.13E-15	-2.63127	1	1 RP11-530I17.2	-
ENSG00000250813	5.13E-15	-2.63127	1	1 SERF1AP1	-
ENSG00000250814	5.13E-15	-2.63127	1	1 RP11-447B18.1	-
ENSG00000250815	5.13E-15	-2.63127	1	1 RP11-89B16.2	-
ENSG00000250819	5.13E-15	-2.63127	1	1 RP11-576E20.1	-
ENSG00000250820	5.13E-15	-2.63127	1	1 RP11-91H12.4	-
ENSG00000250821	5.13E-15	-2.63127	1	1 RP11-345F18.1	-
ENSG00000250825	5.13E-15	-2.63127	1	1 PGAM1P12	K01834
ENSG00000250826	5.13E-15	-2.63127	1	1 HNRNPA3P13	K12741
ENSG00000250827	5.13E-15	-2.63127	1	1 CTD-2141G3.1	K08175
ENSG00000250828	5.13E-15	-2.63127	1	1 RP11-790I12.3	K00699
ENSG00000250829	5.13E-15	-2.63127	1	1 RP11-11N5.1	-
ENSG00000250830	5.13E-15	-2.63127	1	1 MRPS35P2	K17413
ENSG00000250831	5.13E-15	-2.63127	1	1 CTD-2232E5.2	-
ENSG00000250833	5.13E-15	-2.63127	1	1 DNMI1P17	K01528
ENSG00000250834	5.13E-15	-2.63127	1	1 KRT18P54	K07604
ENSG00000250835	5.13E-15	-2.63127	1	1 LSM3P4	K12622
ENSG00000250839	5.13E-15	-2.63127	1	1 RP11-296L20.1	-
ENSG00000250842	5.13E-15	-2.63127	1	1 CTC-806A22.1	-
ENSG00000250844	5.13E-15	-2.63127	1	1 USP17L18	K11845
ENSG00000250847	5.13E-15	-2.63127	1	1 CTD-2020P22.1	K13709
ENSG00000250850	5.13E-15	-2.63127	1	1 RP11-297B17.3	-
ENSG00000250852	5.13E-15	-2.63127	1	1 AC131180.1	K17299
ENSG00000250857	5.13E-15	-2.63127	1	1 TRIM60P15	K12029
ENSG00000250858	5.13E-15	-2.63127	1	1 IGBP1P5	K17606
ENSG00000250859	5.13E-15	-2.63127	1	1 HNRNPKP1	K12886
ENSG00000250860	5.13E-15	-2.63127	1	1 CTD-2265D6.2	K09228
ENSG00000250862	5.13E-15	-2.63127	1	1 HMGB1P29	K10802
ENSG00000250863	5.13E-15	-2.63127	1	1 RP11-663P9.1	-
ENSG00000250865	5.13E-15	-2.63127	1	1 RP11-780O17.1	-
ENSG00000250866	5.13E-15	-2.63127	1	1 CTD-2297D10.1	-
ENSG00000250867	5.13E-15	-2.63127	1	1 RP11-1415C14.2	-
ENSG00000250868	5.13E-15	-2.63127	1	1 AC007742.7	-

ENSG00000250874	5.13E-15	-2.63127	1	1 CTC-480C2.1	-
ENSG00000250877	5.13E-15	-2.63127	1	1 RP11-373J21.1	-
ENSG00000250884	5.13E-15	-2.63127	1	1 OR7E85P	K04257
ENSG00000250885	5.13E-15	-2.63127	1	1 CTD-2004A9.1	-
ENSG00000250886	5.13E-15	-2.63127	1	1 CTD-2046J7.1	K00134
ENSG00000250887	5.13E-15	-2.63127	1	1 RP11-366M4.13	-
ENSG00000250888	5.13E-15	-2.63127	1	1 RP11-168A11.1	-
ENSG00000250889	5.13E-15	-2.63127	1	1 RP11-229C3.2	-
ENSG00000250890	5.13E-15	-2.63127	1	1 RP5-837O21.8	-
ENSG00000250891	5.13E-15	-2.63127	1	1 CTD-2281M20.1	-
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ENSG00000250893	5.13E-15	-2.63127	1	1 RP11-588L15.2	-
ENSG00000250894	5.13E-15	-2.63127	1	1 RP11-450I1.4	-
ENSG00000250895	5.13E-15	-2.63127	1	1 CTD-2158P22.4	K07374
ENSG00000250897	5.13E-15	-2.63127	1	1 HMGB3P15	K11296
ENSG00000250902	5.13E-15	-2.63127	1	1 SMAD1-AS1	-
ENSG00000250905	5.13E-15	-2.63127	1	1 RP11-707F2.1	-
ENSG00000250906	5.13E-15	-2.63127	1	1 RP11-632F7.3	-
ENSG00000250908	5.13E-15	-2.63127	1	1 RP11-703C10.1	-
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ENSG00000250913	5.13E-15	-2.63127	1	1 USP17L23	K11845
ENSG00000250914	5.13E-15	-2.63127	1	1 RP11-1084J3.1	K03064
ENSG00000250915	5.13E-15	-2.63127	1	1 RP11-1338A24.1	-
ENSG00000250918	5.13E-15	-2.63127	1	1 RP11-497H16.4	-
ENSG00000250919	5.13E-15	-2.63127	1	1 RP11-813N20.3	K00699
ENSG00000250921	5.13E-15	-2.63127	1	1 CTD-2008N3.1	-
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ENSG00000250923	5.13E-15	-2.63127	1	1 RP11-548K12.8	-
ENSG00000250927	5.13E-15	-2.63127	1	1 MESTP3	-
ENSG00000250928	5.13E-15	-2.63127	1	1 CTB-161M19.2	K16890
ENSG00000250929	5.13E-15	-2.63127	1	1 KB-1639H6.4	-
ENSG00000250930	5.13E-15	-2.63127	1	1 LNX1-AS1	-
ENSG00000250933	5.13E-15	-2.63127	1	1 GAPDHP66	K00134
ENSG00000250939	5.13E-15	-2.63127	1	1 AC034198.7	K19656
ENSG00000250940	5.13E-15	-2.63127	1	1 RP11-489M13.3	-
ENSG00000250942	5.13E-15	-2.63127	1	1 ENPP7P11	K12354
ENSG00000250945	5.13E-15	-2.63127	1	1 RP11-810P8.1	-
ENSG00000250946	5.13E-15	-2.63127	1	1 RP11-358N4.6	K12019
ENSG00000250947	5.13E-15	-2.63127	1	1 TRPC7-AS2	-
ENSG00000250949	5.13E-15	-2.63127	1	1 RP11-492L8.2	-
ENSG00000250951	5.13E-15	-2.63127	1	1 USP9YP1	K11840
ENSG00000250954	5.13E-15	-2.63127	1	1 RP11-79E3.3	-
ENSG00000250955	5.13E-15	-2.63127	1	1 AC008592.7	-
ENSG00000250956	5.13E-15	-2.63127	1	1 CTB-88F18.3	K03231
ENSG00000250957	5.13E-15	-2.63127	1	1 RP11-248N22.1	-
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ENSG00000250962	5.13E-15	-2.63127	1	1 RP11-69I13.1	-
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ENSG00000250968	5.13E-15	-2.63127	1	1 RP11-322J23.1	-
ENSG00000250969	5.13E-15	-2.63127	1	1 RP11-364L4.3	-
ENSG00000250971	5.13E-15	-2.63127	1	1 RP11-696F12.1	-
ENSG00000250972	5.13E-15	-2.63127	1	1 CKS1BP5	K02219
ENSG00000250973	5.13E-15	-2.63127	1	1 KRTAP13-6P	-
ENSG00000250974	5.13E-15	-2.63127	1	1 RP11-122F24.1	-
ENSG00000250976	5.13E-15	-2.63127	1	1 RP11-94C24.11	-
ENSG00000250977	5.13E-15	-2.63127	1	1 RP11-173E2.2	-
ENSG00000250979	5.13E-15	-2.63127	1	1 RP11-656G20.1	K04984
ENSG00000250980	5.13E-15	-2.63127	1	1 RP11-529H22.1	K14842

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ENSG00000250983	5.13E-15	-2.63127	1	1 RP11-91K8.2	—
ENSG00000250984	5.13E-15	-2.63127	1	1 CTD-2011G17.1	—
ENSG00000250989	5.13E-15	-2.63127	1	1 RP11-392E22.5	—
ENSG00000250992	5.13E-15	-2.63127	1	1 RP11-826N14.1	—
ENSG00000250993	5.13E-15	-2.63127	1	1 RP11-404J23.1	—
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ENSG00000250995	5.13E-15	-2.63127	1	1 RP13-128O4.3	—
ENSG00000250997	5.13E-15	-2.63127	1	1 RP11-502M1.1	—
ENSG00000251001	5.13E-15	-2.63127	1	1 CTD-2193P3.1	K03386
ENSG00000251002	5.13E-15	-2.63127	1	1 AE000661.37	—
ENSG00000251005	5.13E-15	-2.63127	1	1 RP11-318I4.2	—
ENSG00000251007	5.13E-15	-2.63127	1	1 RP11-1415C14.1	—
ENSG00000251008	5.13E-15	-2.63127	1	1 ORAOV1P1	—
ENSG00000251009	5.13E-15	-2.63127	1	1 RP13-494C23.1	—
ENSG00000251010	5.13E-15	-2.63127	1	1 RP11-6L6.7	—
ENSG00000251011	5.13E-15	-2.63127	1	1 RP11-402L6.1	—
ENSG00000251012	5.13E-15	-2.63127	1	1 RP11-484M3.5	K17347
ENSG00000251014	5.13E-15	-2.63127	1	1 RP11-159K7.1	—
ENSG00000251015	5.13E-15	-2.63127	1	1 SLC25A30-AS1	—
ENSG00000251017	5.13E-15	-2.63127	1	1 RP11-629B11.4	—
ENSG00000251019	5.13E-15	-2.63127	1	1 HIGD1AP13	—
ENSG00000251024	5.13E-15	-2.63127	1	1 RP11-203B7.1	—
ENSG00000251025	5.13E-15	-2.63127	1	1 RP11-751A18.1	—
ENSG00000251027	5.13E-15	-2.63127	1	1 CTC-254B4.1	—
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ENSG00000251032	5.13E-15	-2.63127	1	1 RP11-483H11.1	K03347
ENSG00000251033	5.13E-15	-2.63127	1	1 CTD-2533K21.4	—
ENSG00000251035	5.13E-15	-2.63127	1	1 WBP1LP4	—
ENSG00000251038	5.13E-15	-2.63127	1	1 AC090958.5	—
ENSG00000251039	5.13E-15	-2.63127	1	1 IGKV2D-40	—
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ENSG00000251041	5.13E-15	-2.63127	1	1 CTD-2275D24.1	—
ENSG00000251044	5.13E-15	-2.63127	1	1 CTD-2582M21.1	—
ENSG00000251045	5.13E-15	-2.63127	1	1 CTC-321K16.4	—
ENSG00000251046	5.13E-15	-2.63127	1	1 ZNF969P	K09228
ENSG00000251048	5.13E-15	-2.63127	1	1 RP11-608B3.1	—
ENSG00000251049	5.13E-15	-2.63127	1	1 RP11-685F15.1	—
ENSG00000251051	5.13E-15	-2.63127	1	1 ELL2P2	—
ENSG00000251054	5.13E-15	-2.63127	1	1 CTD-2215E18.3	—
ENSG00000251058	5.13E-15	-2.63127	1	1 RP11-68L1.1	—
ENSG00000251059	5.13E-15	-2.63127	1	1 RP11-100N20.1	—
ENSG00000251061	5.13E-15	-2.63127	1	1 RP11-789C1.2	—
ENSG00000251062	5.13E-15	-2.63127	1	1 CTD-2218G20.1	K02880
ENSG00000251066	5.13E-15	-2.63127	1	1 CTC-534B23.1	—
ENSG00000251072	5.13E-15	-2.63127	1	1 RP11-434D11.4	—
ENSG00000251073	5.13E-15	-2.63127	1	1 NUDT19P5	—
ENSG00000251074	5.13E-15	-2.63127	1	1 RP11-1267H10.3	K00699
ENSG00000251075	5.13E-15	-2.63127	1	1 HTT-AS	—
ENSG00000251076	5.13E-15	-2.63127	1	1 RP11-526F3.1	—
ENSG00000251078	5.13E-15	-2.63127	1	1 SLC25A5P9	K05863
ENSG00000251079	5.13E-15	-2.63127	1	1 BMS1P2	K14569
ENSG00000251080	5.13E-15	-2.63127	1	1 RP11-415C15.1	—
ENSG00000251081	5.13E-15	-2.63127	1	1 RP11-713M6.2	—
ENSG00000251085	5.13E-15	-2.63127	1	1 RP11-893F2.6	—
ENSG00000251087	5.13E-15	-2.63127	1	1 ALG1L3P	K03842
ENSG00000251088	5.13E-15	-2.63127	1	1 RP11-325B23.2	—

ENSG00000251090	5.13E-15	-2.63127	1	1 OR5AC4P	K04257
ENSG00000251099	5.13E-15	-2.63127	1	1 CTD-2367A17.1	K11299
ENSG00000251101	5.13E-15	-2.63127	1	1 RP11-1267H10.1	-
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ENSG00000251106	5.13E-15	-2.63127	1	1 FAM206BP	-
ENSG00000251107	5.13E-15	-2.63127	1	1 RP11-466P24.4	K06875
ENSG00000251108	5.13E-15	-2.63127	1	1 YBX1P5	K09276
ENSG00000251111	5.13E-15	-2.63127	1	1 FCF1P8	K14566
ENSG00000251112	5.13E-15	-2.63127	1	1 RP11-419C19.3	-
ENSG00000251113	5.13E-15	-2.63127	1	1 RP11-68D16.2	-
ENSG00000251118	5.13E-15	-2.63127	1	1 CTC-505O3.1	K11253
ENSG00000251122	5.13E-15	-2.63127	1	1 NIFKP2	K14838
ENSG00000251123	5.13E-15	-2.63127	1	1 RP11-580J4.1	-
ENSG00000251125	5.13E-15	-2.63127	1	1 CTD-2335O3.3	-
ENSG00000251126	5.13E-15	-2.63127	1	1 RP11-119H12.6	-
ENSG00000251128	5.13E-15	-2.63127	1	1 WWC2-AS1	-
ENSG00000251129	5.13E-15	-2.63127	1	1 RP11-734I18.1	-
ENSG00000251132	5.13E-15	-2.63127	1	1 RP11-438C19.2	-
ENSG00000251135	5.13E-15	-2.63127	1	1 AC008565.1	-
ENSG00000251137	5.13E-15	-2.63127	1	1 RPL7L1P7	-
ENSG00000251138	5.13E-15	-2.63127	1	1 RP11-81H3.2	-
ENSG00000251139	5.13E-15	-2.63127	1	1 RP11-701P16.2	-
ENSG00000251142	5.13E-15	-2.63127	1	1 RP11-513O17.1	-
ENSG00000251147	5.13E-15	-2.63127	1	1 RP11-701P16.3	K04969
ENSG00000251149	5.13E-15	-2.63127	1	1 MTND5P5	-
ENSG00000251152	5.13E-15	-2.63127	1	1 RP11-281P23.1	-
ENSG00000251154	5.13E-15	-2.63127	1	1 AC006153.3	-
ENSG00000251158	5.13E-15	-2.63127	1	1 RP11-98J23.1	-
ENSG00000251159	5.13E-15	-2.63127	1	1 RP11-500G9.1	-
ENSG00000251162	5.13E-15	-2.63127	1	1 RP11-75A5.1	-
ENSG00000251163	5.13E-15	-2.63127	1	1 CTD-2325A15.2	-
ENSG00000251165	5.13E-15	-2.63127	1	1 F11-AS1	-
ENSG00000251166	5.13E-15	-2.63127	1	1 OR7E163P	K04257
ENSG00000251170	5.13E-15	-2.63127	1	1 RP11-729M20.1	-
ENSG00000251172	5.13E-15	-2.63127	1	1 RP11-529P9.1	K18079
ENSG00000251173	5.13E-15	-2.63127	1	1 UCHL1-AS1	-
ENSG00000251174	5.13E-15	-2.63127	1	1 TSEN2P1	K15322
ENSG00000251176	5.13E-15	-2.63127	1	1 RP11-97E7.1	-
ENSG00000251177	5.13E-15	-2.63127	1	1 RP11-401E5.2	K00699
ENSG00000251178	5.13E-15	-2.63127	1	1 OR7E21P	K04257
ENSG00000251182	5.13E-15	-2.63127	1	1 RP11-617I14.1	-
ENSG00000251183	5.13E-15	-2.63127	1	1 AC091962.3	-
ENSG00000251184	5.13E-15	-2.63127	1	1 RP11-101E3.5	K14311
ENSG00000251185	5.13E-15	-2.63127	1	1 RP11-542G1.1	-
ENSG00000251186	5.13E-15	-2.63127	1	1 RP11-689P11.3	-
ENSG00000251188	5.13E-15	-2.63127	1	1 RP11-478C6.6	-
ENSG00000251189	5.13E-15	-2.63127	1	1 CTD-2196P11.2	-
ENSG00000251191	5.13E-15	-2.63127	1	1 LINC00589	-
ENSG00000251193	5.13E-15	-2.63127	1	1 RP11-72K17.1	K18932
ENSG00000251194	5.13E-15	-2.63127	1	1 RP1-68D18.2	-
ENSG00000251195	5.13E-15	-2.63127	1	1 RP11-378N18.1	-
ENSG00000251199	5.13E-15	-2.63127	1	1 RP11-400D2.2	-
ENSG00000251200	5.13E-15	-2.63127	1	1 RP11-6E9.5	-
ENSG00000251201	5.13E-15	-2.63127	1	1 TMED7-TICAM2	K14825
ENSG00000251204	5.13E-15	-2.63127	1	1 CTC-278L1.1	K12482
ENSG00000251206	5.13E-15	-2.63127	1	1 CTD-2187J20.1	-
ENSG00000251209	5.13E-15	-2.63127	1	1 LINC00923	-
ENSG00000251210	5.13E-15	-2.63127	1	1 RP11-168E17.1	-

ENSG00000251211	5.13E-15	-2.63127	1	1 RP11-889L3.4	K17759
ENSG00000251212	5.13E-15	-2.63127	1	1 MTND5P4	-
ENSG00000251213	5.13E-15	-2.63127	1	1 RP11-248N22.2	-
ENSG00000251214	5.13E-15	-2.63127	1	1 CTD-2308B18.1	-
ENSG00000251215	5.13E-15	-2.63127	1	1 GOLGA5P1	-
ENSG00000251216	5.13E-15	-2.63127	1	1 RP11-161D15.3	-
ENSG00000251218	5.13E-15	-2.63127	1	1 RP11-1057B8.2	-
ENSG00000251219	5.13E-15	-2.63127	1	1 EMCN-IT2	-
ENSG00000251220	5.13E-15	-2.63127	1	1 RFPL4AP3	-
ENSG00000251221	5.13E-15	-2.63127	1	1 CTC-325J23.3	-
ENSG00000251223	5.13E-15	-2.63127	1	1 RP11-627H22.5	K02256
ENSG00000251224	5.13E-15	-2.63127	1	1 CNOT10-AS1	-
ENSG00000251226	5.13E-15	-2.63127	1	1 RP11-469N6.1	-
ENSG00000251228	5.13E-15	-2.63127	1	1 RP11-192C21.3	K00418
ENSG00000251229	5.13E-15	-2.63127	1	1 RP11-503N18.5	K01368
ENSG00000251230	5.13E-15	-2.63127	1	1 RP11-701P16.5	-
ENSG00000251234	5.13E-15	-2.63127	1	1 PSMA2P2	K02726
ENSG00000251235	5.13E-15	-2.63127	1	1 RP11-156N15.1	K11095
ENSG00000251236	5.13E-15	-2.63127	1	1 RP11-468N14.1	-
ENSG00000251237	5.13E-15	-2.63127	1	1 CTD-2207L17.2	-
ENSG00000251239	5.13E-15	-2.63127	1	1 CTB-22K21.2	-
ENSG00000251243	5.13E-15	-2.63127	1	1 AC005178.1	K17867
ENSG00000251244	5.13E-15	-2.63127	1	1 RP13-487K5.1	-
ENSG00000251246	5.13E-15	-2.63127	1	1 EFNA3	K05462
ENSG00000251247	5.13E-15	-2.63127	1	1 ZNF345	K09228
ENSG00000251248	5.13E-15	-2.63127	1	1 RP11-223C24.2	-
ENSG00000251249	5.13E-15	-2.63127	1	1 RP11-73G16.1	-
ENSG00000251250	5.13E-15	-2.63127	1	1 RP11-404K5.4	-
ENSG00000251252	5.13E-15	-2.63127	1	1 MTND2P31	K03879
ENSG00000251253	5.13E-15	-2.63127	1	1 MTHFD2P4	K13403
ENSG00000251254	5.13E-15	-2.63127	1	1 GTF2F2P1	K03139
ENSG00000251256	5.13E-15	-2.63127	1	1 RP11-273B19.1	-
ENSG00000251260	5.13E-15	-2.63127	1	1 WDFY3-AS1	-
ENSG00000251261	5.13E-15	-2.63127	1	1 OR7H2P	K04257
ENSG00000251264	5.13E-15	-2.63127	1	1 RP11-545H22.1	-
ENSG00000251266	5.13E-15	-2.63127	1	1 RP11-340A13.2	-
ENSG00000251270	5.13E-15	-2.63127	1	1 RP11-231L11.1	-
ENSG00000251273	5.13E-15	-2.63127	1	1 RP11-549K20.1	-
ENSG00000251274	5.13E-15	-2.63127	1	1 RP11-436H11.4	-
ENSG00000251275	5.13E-15	-2.63127	1	1 AC006335.2	-
ENSG00000251276	5.13E-15	-2.63127	1	1 MAGI2-AS1	-
ENSG00000251278	5.13E-15	-2.63127	1	1 AC006499.2	-
ENSG00000251283	5.13E-15	-2.63127	1	1 RP11-171N4.2	-
ENSG00000251284	5.13E-15	-2.63127	1	1 RP13-644M16.1	K10523
ENSG00000251285	5.13E-15	-2.63127	1	1 RP11-147K6.2	K02978
ENSG00000251286	5.13E-15	-2.63127	1	1 RP11-588F10.1	-
ENSG00000251287	5.13E-15	-2.63127	1	1 ALG1L2	K03842
ENSG00000251288	5.13E-15	-2.63127	1	1 RP11-10L12.2	K14863
ENSG00000251291	5.13E-15	-2.63127	1	1 RP11-400D2.3	-
ENSG00000251292	5.13E-15	-2.63127	1	1 RP11-380P13.2	-
ENSG00000251293	5.13E-15	-2.63127	1	1 CTC-552D5.1	-
ENSG00000251296	5.13E-15	-2.63127	1	1 AC006499.7	-
ENSG00000251297	5.13E-15	-2.63127	1	1 TUBB7P	K07375
ENSG00000251298	5.13E-15	-2.63127	1	1 RP11-425A23.1	-
ENSG00000251299	5.13E-15	-2.63127	1	1 SLC25A15P3	K15101
ENSG00000251300	5.13E-15	-2.63127	1	1 RP11-54P19.1	-
ENSG00000251301	5.13E-15	-2.63127	1	1 RP11-81H14.2	-
ENSG00000251304	5.13E-15	-2.63127	1	1 RP11-321E2.5	K03135

ENSG00000251306	5.13E-15	-2.63127	1	1 NDUFB4P2	K03960
ENSG00000251308	5.13E-15	-2.63127	1	1 MRPS33P3	--
ENSG00000251309	5.13E-15	-2.63127	1	1 RP11-498M5.2	--
ENSG00000251310	5.13E-15	-2.63127	1	1 RP11-706F1.1	--
ENSG00000251311	5.13E-15	-2.63127	1	1 RP11-249M12.2	--
ENSG00000251312	5.13E-15	-2.63127	1	1 AC004062.2	--
ENSG00000251313	5.13E-15	-2.63127	1	1 RP11-747H12.5	K02984
ENSG00000251317	5.13E-15	-2.63127	1	1 KLF17P2	--
ENSG00000251320	5.13E-15	-2.63127	1	1 CTC-327F10.4	--
ENSG00000251321	5.13E-15	-2.63127	1	1 PCAT4	--
ENSG00000251324	5.13E-15	-2.63127	1	1 RP11-79P5.5	--
ENSG00000251325	5.13E-15	-2.63127	1	1 RP11-415C15.3	--
ENSG00000251326	5.13E-15	-2.63127	1	1 RP11-521E5.1	--
ENSG00000251329	5.13E-15	-2.63127	1	1 RP11-240A16.1	--
ENSG00000251330	5.13E-15	-2.63127	1	1 CTD-2283N19.1	--
ENSG00000251331	5.13E-15	-2.63127	1	1 RP11-689K5.3	--
ENSG00000251332	5.13E-15	-2.63127	1	1 RP11-177C12.4	K06697
ENSG00000251334	5.13E-15	-2.63127	1	1 RP11-317G22.2	K02866
ENSG00000251336	5.13E-15	-2.63127	1	1 RP11-540E16.2	--
ENSG00000251338	5.13E-15	-2.63127	1	1 AC006499.1	--
ENSG00000251339	5.13E-15	-2.63127	1	1 RP11-506N2.1	--
ENSG00000251340	5.13E-15	-2.63127	1	1 RP11-461G12.2	K00412
ENSG00000251342	5.13E-15	-2.63127	1	1 CTC-235G5.2	K00802
ENSG00000251345	5.13E-15	-2.63127	1	1 RP11-392L5.2	--
ENSG00000251347	5.13E-15	-2.63127	1	1 IRF5P1	--
ENSG00000251349	5.13E-15	-2.63127	1	1 MSANTD3-TMEFF	--
ENSG00000251352	5.13E-15	-2.63127	1	1 RP11-451H23.2	K14822
ENSG00000251353	5.13E-15	-2.63127	1	1 MTND3P5	--
ENSG00000251354	5.13E-15	-2.63127	1	1 RP11-697N18.1	K02987
ENSG00000251356	5.13E-15	-2.63127	1	1 RAB5CP2	K07889
ENSG00000251360	5.13E-15	-2.63127	1	1 KHDC1P1	--
ENSG00000251363	5.13E-15	-2.63127	1	1 RP11-129M6.1	--
ENSG00000251364	5.13E-15	-2.63127	1	1 CTD-2516F10.2	--
ENSG00000251366	5.13E-15	-2.63127	1	1 DBIP2	--
ENSG00000251367	5.13E-15	-2.63127	1	1 RP11-231G15.2	--
ENSG00000251368	5.13E-15	-2.63127	1	1 RP11-175M2.1	--
ENSG00000251370	5.13E-15	-2.63127	1	1 CTD-2201E9.1	--
ENSG00000251371	5.13E-15	-2.63127	1	1 CTD-2318H23.1	--
ENSG00000251372	5.13E-15	-2.63127	1	1 LINC00499	--
ENSG00000251373	5.13E-15	-2.63127	1	1 RP11-68D16.1	--
ENSG00000251374	5.13E-15	-2.63127	1	1 RPS23P5	--
ENSG00000251376	5.13E-15	-2.63127	1	1 CTD-2313F11.2	--
ENSG00000251377	5.13E-15	-2.63127	1	1 RP11-18H21.3	--
ENSG00000251378	5.13E-15	-2.63127	1	1 AC096582.9	--
ENSG00000251379	5.13E-15	-2.63127	1	1 RP11-484O2.1	--
ENSG00000251380	5.13E-15	-2.63127	1	1 C5orf20	--
ENSG00000251383	5.13E-15	-2.63127	1	1 RP11-542G1.3	--
ENSG00000251385	5.13E-15	-2.63127	1	1 RP11-63H19.2	K00412
ENSG00000251387	5.13E-15	-2.63127	1	1 CTB-35F21.3	--
ENSG00000251388	5.13E-15	-2.63127	1	1 RP11-427M20.1	--
ENSG00000251389	5.13E-15	-2.63127	1	1 YTHDF1P1	--
ENSG00000251391	5.13E-15	-2.63127	1	1 RP11-305P14.1	--
ENSG00000251393	5.13E-15	-2.63127	1	1 RP1-240K6.3	--
ENSG00000251395	5.13E-15	-2.63127	1	1 FTH1P9	--
ENSG00000251398	5.13E-15	-2.63127	1	1 RP11-149A7.2	--
ENSG00000251399	5.13E-15	-2.63127	1	1 RP11-234K19.1	--
ENSG00000251401	5.13E-15	-2.63127	1	1 RP11-11N6.1	K05432
ENSG00000251405	5.13E-15	-2.63127	1	1 CTB-109A12.1	--

ENSG00000251407	5.13E-15	-2.63127	1	1 MTND1P22	K03878
ENSG00000251408	5.13E-15	-2.63127	1	1 RP11-586D19.2	-
ENSG00000251409	5.13E-15	-2.63127	1	1 AC008592.4	-
ENSG00000251410	5.13E-15	-2.63127	1	1 AC007106.1	-
ENSG00000251412	5.13E-15	-2.63127	1	1 AC006296.1	-
ENSG00000251413	5.13E-15	-2.63127	1	1 RP11-534L6.5	-
ENSG00000251416	5.13E-15	-2.63127	1	1 RP11-140M13.1	-
ENSG00000251418	5.13E-15	-2.63127	1	1 RP11-655B23.1	K01940
ENSG00000251419	5.13E-15	-2.63127	1	1 RP11-524L6.4	-
ENSG00000251421	5.13E-15	-2.63127	1	1 CTC-369A16.2	-
ENSG00000251423	5.13E-15	-2.63127	1	1 CTB-51A17.1	-
ENSG00000251424	5.13E-15	-2.63127	1	1 RP11-468N14.3	-
ENSG00000251426	5.13E-15	-2.63127	1	1 CTD-2247C11.4	-
ENSG00000251427	5.13E-15	-2.63127	1	1 RP13-644M16.2	K00699
ENSG00000251430	5.13E-15	-2.63127	1	1 RP11-63H19.1	-
ENSG00000251431	5.13E-15	-2.63127	1	1 AC008984.5	-
ENSG00000251433	5.13E-15	-2.63127	1	1 RP11-540E16.1	K06634
ENSG00000251434	5.13E-15	-2.63127	1	1 RP11-315A17.1	-
ENSG00000251436	5.13E-15	-2.63127	1	1 NUPL1P1	-
ENSG00000251437	5.13E-15	-2.63127	1	1 NDUFS5P4	K03938
ENSG00000251438	5.13E-15	-2.63127	1	1 RP11-431M7.2	-
ENSG00000251439	5.13E-15	-2.63127	1	1 AC006070.12	-
ENSG00000251440	5.13E-15	-2.63127	1	1 STMN1P2	K04381
ENSG00000251443	5.13E-15	-2.63127	1	1 RP11-113I22.1	-
ENSG00000251445	5.13E-15	-2.63127	1	1 RP11-483A20.3	-
ENSG00000251446	5.13E-15	-2.63127	1	1 RP11-375B1.2	-
ENSG00000251447	5.13E-15	-2.63127	1	1 RP11-517B11.6	-
ENSG00000251449	5.13E-15	-2.63127	1	1 MTND1P19	-
ENSG00000251450	5.13E-15	-2.63127	1	1 CTC-459I6.1	-
ENSG00000251452	5.13E-15	-2.63127	1	1 RP13-539F13.2	K11114
ENSG00000251453	5.13E-15	-2.63127	1	1 HAUS1P1	K16584
ENSG00000251454	5.13E-15	-2.63127	1	1 RP11-542G1.2	-
ENSG00000251456	5.13E-15	-2.63127	1	1 RP11-436H11.5	-
ENSG00000251458	5.13E-15	-2.63127	1	1 RP11-844P9.1	-
ENSG00000251460	5.13E-15	-2.63127	1	1 RP11-1258F18.1	-
ENSG00000251463	5.13E-15	-2.63127	1	1 FKBP4P1	K09571
ENSG00000251464	5.13E-15	-2.63127	1	1 RPL7L1P13	-
ENSG00000251468	5.13E-15	-2.63127	1	1 RP11-369K16.1	-
ENSG00000251470	5.13E-15	-2.63127	1	1 ASN5P4	K01953
ENSG00000251471	5.13E-15	-2.63127	1	1 RP11-166D18.1	-
ENSG00000251473	5.13E-15	-2.63127	1	1 AC004069.1	K14305
ENSG00000251476	5.13E-15	-2.63127	1	1 RP11-531A21.2	K02256
ENSG00000251477	5.13E-15	-2.63127	1	1 RP11-74D3.2	K06777
ENSG00000251478	5.13E-15	-2.63127	1	1 CTD-2122P11.1	K09493
ENSG00000251482	5.13E-15	-2.63127	1	1 RP11-707F2.2	-
ENSG00000251483	5.13E-15	-2.63127	1	1 LYPLA1P2	K06128
ENSG00000251487	5.13E-15	-2.63127	1	1 RP11-124N3.2	-
ENSG00000251488	5.13E-15	-2.63127	1	1 RP11-404I7.2	-
ENSG00000251489	5.13E-15	-2.63127	1	1 RP11-736K12.1	-
ENSG00000251490	5.13E-15	-2.63127	1	1 RP11-237D3.1	-
ENSG00000251491	5.13E-15	-2.63127	1	1 OR7E28P	K04257
ENSG00000251492	5.13E-15	-2.63127	1	1 RP11-782E2.2	-
ENSG00000251493	5.13E-15	-2.63127	1	1 FOXD1	K09397
ENSG00000251498	5.13E-15	-2.63127	1	1 RP11-468N14.10	K00699
ENSG00000251501	5.13E-15	-2.63127	1	1 RP11-466J24.1	K10841
ENSG00000251503	5.13E-15	-2.63127	1	1 APITD1-CORT	K05238
ENSG00000251504	5.13E-15	-2.63127	1	1 LINC01099	-
ENSG00000251506	5.13E-15	-2.63127	1	1 CTD-2247C11.2	-

ENSG00000251508	5.13E-15	-2.63127	1	1 RP5-862P8.3	--
ENSG00000251510	5.13E-15	-2.63127	1	1 AC022486.1	--
ENSG00000251511	5.13E-15	-2.63127	1	1 RP11-171N4.1	--
ENSG00000251513	5.13E-15	-2.63127	1	1 RP11-155G15.2	--
ENSG00000251515	5.13E-15	-2.63127	1	1 CCDC11P1	--
ENSG00000251516	5.13E-15	-2.63127	1	1 RP11-10G12.2	K16467
ENSG00000251517	5.13E-15	-2.63127	1	1 RP11-109E24.1	--
ENSG00000251518	5.13E-15	-2.63127	1	1 CTD-2130F23.2	--
ENSG00000251521	5.13E-15	-2.63127	1	1 IMPA1P	K01092
ENSG00000251523	5.13E-15	-2.63127	1	1 RP11-724M22.1	--
ENSG00000251525	5.13E-15	-2.63127	1	1 TCP11X3P	--
ENSG00000251526	5.13E-15	-2.63127	1	1 RP11-381N20.1	--
ENSG00000251527	5.13E-15	-2.63127	1	1 RP11-51P8.1	--
ENSG00000251529	5.13E-15	-2.63127	1	1 RP11-468N14.5	K00699
ENSG00000251535	5.13E-15	-2.63127	1	1 RP11-478C6.1	--
ENSG00000251536	5.13E-15	-2.63127	1	1 RP11-572C21.1	--
ENSG00000251538	5.13E-15	-2.63127	1	1 RP11-166A12.1	--
ENSG00000251539	5.13E-15	-2.63127	1	1 SNX18P24	K17299
ENSG00000251542	5.13E-15	-2.63127	1	1 CTC-313D10.1	--
ENSG00000251543	5.13E-15	-2.63127	1	1 RP11-60A8.2	--
ENSG00000251545	5.13E-15	-2.63127	1	1 RP11-798K23.3	--
ENSG00000251546	5.13E-15	-2.63127	1	1 IGKV1D-39	--
ENSG00000251549	5.13E-15	-2.63127	1	1 RP11-480D4.5	--
ENSG00000251553	5.13E-15	-2.63127	1	1 CTC-463N11.1	K13179
ENSG00000251554	5.13E-15	-2.63127	1	1 RP11-395P13.6	--
ENSG00000251555	5.13E-15	-2.63127	1	1 RP11-745L13.2	--
ENSG00000251557	5.13E-15	-2.63127	1	1 HNRNPKP3	K12886
ENSG00000251564	5.13E-15	-2.63127	1	1 AC012441.1	--
ENSG00000251566	5.13E-15	-2.63127	1	1 HMGB1P35	K10802
ENSG00000251567	5.13E-15	-2.63127	1	1 RP11-775H9.2	--
ENSG00000251568	5.13E-15	-2.63127	1	1 ALG3P1	K03845
ENSG00000251569	5.13E-15	-2.63127	1	1 RP11-724O16.1	K16748
ENSG00000251571	5.13E-15	-2.63127	1	1 DDX3YP3	K11594
ENSG00000251572	5.13E-15	-2.63127	1	1 AF213884.1	K09228
ENSG00000251573	5.13E-15	-2.63127	1	1 CTD-2089N3.2	--
ENSG00000251575	5.13E-15	-2.63127	1	1 CTD-2170G1.2	--
ENSG00000251578	5.13E-15	-2.63127	1	1 TRBV21-1	--
ENSG00000251579	5.13E-15	-2.63127	1	1 RP11-39E3.5	--
ENSG00000251583	5.13E-15	-2.63127	1	1 AC008427.2	--
ENSG00000251584	5.13E-15	-2.63127	1	1 RP11-440I14.3	--
ENSG00000251585	5.13E-15	-2.63127	1	1 CTD-2299E8.1	--
ENSG00000251586	5.13E-15	-2.63127	1	1 TET2-AS1	--
ENSG00000251587	5.13E-15	-2.63127	1	1 LDHAP1	K00016
ENSG00000251588	5.13E-15	-2.63127	1	1 RP11-698E18.1	K10313
ENSG00000251591	5.13E-15	-2.63127	1	1 CTD-2197M16.1	--
ENSG00000251595	5.13E-15	-2.63127	1	1 ABCA11P	K05652
ENSG00000251597	5.13E-15	-2.63127	1	1 RPL37P25	--
ENSG00000251599	5.13E-15	-2.63127	1	1 RP11-232L2.2	--
ENSG00000251600	5.13E-15	-2.63127	1	1 RP11-673E1.1	--
ENSG00000251601	5.13E-15	-2.63127	1	1 RP11-317O24.2	--
ENSG00000251604	5.13E-15	-2.63127	1	1 RP11-79P5.7	--
ENSG00000251605	5.13E-15	-2.63127	1	1 CTD-2037K23.1	--
ENSG00000251606	5.13E-15	-2.63127	1	1 CTD-2215E18.1	K07179
ENSG00000251608	5.13E-15	-2.63127	1	1 OR12D1	K04257
ENSG00000251609	5.13E-15	-2.63127	1	1 SETP12	--
ENSG00000251610	5.13E-15	-2.63127	1	1 RP11-77P16.3	--
ENSG00000251613	5.13E-15	-2.63127	1	1 CTC-347C20.1	--
ENSG00000251614	5.13E-15	-2.63127	1	1 HSPA8P19	--

ENSG00000251616	5.13E-15	-2.63127	1	1 RP11-485M7.3	--
ENSG00000251617	5.13E-15	-2.63127	1	1 RP11-382F24.1	--
ENSG00000251618	5.13E-15	-2.63127	1	1 AC007322.3	--
ENSG00000251619	5.13E-15	-2.63127	1	1 RP11-756P10.5	--
ENSG00000251621	5.13E-15	-2.63127	1	1 AC009487.5	--
ENSG00000251623	5.13E-15	-2.63127	1	1 RP11-826N14.4	--
ENSG00000251624	5.13E-15	-2.63127	1	1 UNC93B7	K04257
ENSG00000251627	5.13E-15	-2.63127	1	1 CTD-2089O24.2	--
ENSG00000251628	5.13E-15	-2.63127	1	1 RP11-371M22.1	--
ENSG00000251629	5.13E-15	-2.63127	1	1 RP11-774D14.1	--
ENSG00000251630	5.13E-15	-2.63127	1	1 RP11-241F15.9	K17299
ENSG00000251632	5.13E-15	-2.63127	1	1 RP11-714L20.1	--
ENSG00000251633	5.13E-15	-2.63127	1	1 GYG1P1	K00750
ENSG00000251635	5.13E-15	-2.63127	1	1 RP11-213G21.2	--
ENSG00000251636	5.13E-15	-2.63127	1	1 EMCN-IT1	--
ENSG00000251637	5.13E-15	-2.63127	1	1 RP11-119D9.1	--
ENSG00000251638	5.13E-15	-2.63127	1	1 AC006390.4	--
ENSG00000251639	5.13E-15	-2.63127	1	1 RP11-20I20.1	K04354
ENSG00000251642	5.13E-15	-2.63127	1	1 RP11-600L4.1	--
ENSG00000251643	5.13E-15	-2.63127	1	1 RP11-91J3.1	K12177
ENSG00000251644	5.13E-15	-2.63127	1	1 RP11-442P12.1	K00760
ENSG00000251647	5.13E-15	-2.63127	1	1 RP11-576N17.4	--
ENSG00000251649	5.13E-15	-2.63127	1	1 RP11-318I4.1	--
ENSG00000251652	5.13E-15	-2.63127	1	1 RP11-20I20.2	--
ENSG00000251654	5.13E-15	-2.63127	1	1 RP11-192H6.2	--
ENSG00000251655	5.13E-15	-2.63127	1	1 PRB1	K13911
ENSG00000251656	5.13E-15	-2.63127	1	1 CTD-2201E18.4	--
ENSG00000251660	5.13E-15	-2.63127	1	1 AC007036.5	--
ENSG00000251662	5.13E-15	-2.63127	1	1 CTC-369A16.3	--
ENSG00000251663	5.13E-15	-2.63127	1	1 SUMO2P5	K12160
ENSG00000251664	5.13E-15	-2.63127	1	1 PCDHA12	K16493
ENSG00000251668	5.13E-15	-2.63127	1	1 RP11-466P24.5	K08789
ENSG00000251670	5.13E-15	-2.63127	1	1 CTD-2532K18.1	--
ENSG00000251675	5.13E-15	-2.63127	1	1 CTC-458I2.2	--
ENSG00000251676	5.13E-15	-2.63127	1	1 RP11-614F17.2	--
ENSG00000251678	5.13E-15	-2.63127	1	1 CTD-2296D1.1	--
ENSG00000251680	5.13E-15	-2.63127	1	1 CTC-575N7.1	--
ENSG00000251686	5.13E-15	-2.63127	1	1 OR10J8P	K04257
ENSG00000251687	5.13E-15	-2.63127	1	1 RP11-181K12.2	--
ENSG00000251688	5.13E-15	-2.63127	1	1 RP11-752L20.5	--
ENSG00000251689	5.13E-15	-2.63127	1	1 RP11-478C6.5	K09228
ENSG00000251691	5.13E-15	-2.63127	1	1 RP11-618I10.4	K00699
ENSG00000251694	5.13E-15	-2.63127	1	1 USP17L9P	K11845
ENSG00000251696	5.13E-15	-2.63127	1	1 AL583832.1	--
ENSG00000251697	5.13E-15	-2.63127	1	1 RN7SKP24	--
ENSG00000251698	5.13E-15	-2.63127	1	1 RNA5SP445	--
ENSG00000251699	5.13E-15	-2.63127	1	1 SNORD27	--
ENSG00000251700	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000251702	5.13E-15	-2.63127	1	1 RNU6-857P	--
ENSG00000251703	5.13E-15	-2.63127	1	1 RNU6-998P	--
ENSG00000251704	5.13E-15	-2.63127	1	1 SNORA40	--
ENSG00000251705	5.13E-15	-2.63127	1	1 RNA5-8SP6	--
ENSG00000251706	5.13E-15	-2.63127	1	1 RNU7-61P	--
ENSG00000251707	5.13E-15	-2.63127	1	1 RNU7-37P	--
ENSG00000251708	5.13E-15	-2.63127	1	1 RNU7-198P	--
ENSG00000251709	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000251710	5.13E-15	-2.63127	1	1 AC010295.1	--
ENSG00000251711	5.13E-15	-2.63127	1	1 RNU6-632P	--

ENSG00000251712	5.13E-15	-2.63127	1	1 RNU7-20P	--
ENSG00000251713	5.13E-15	-2.63127	1	1 AL050321.1	--
ENSG00000251714	5.13E-15	-2.63127	1	1 RN7SKP67	--
ENSG00000251715	5.13E-15	-2.63127	1	1 SNORA68	--
ENSG00000251716	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000251717	5.13E-15	-2.63127	1	1 RNA5SP419	--
ENSG00000251718	5.13E-15	-2.63127	1	1 RNU2-13P	--
ENSG00000251719	5.13E-15	-2.63127	1	1 RNU6-408P	--
ENSG00000251721	5.13E-15	-2.63127	1	1 snoZ5	--
ENSG00000251722	5.13E-15	-2.63127	1	1 RNU5E-3P	--
ENSG00000251723	5.13E-15	-2.63127	1	1 RNU6-357P	--
ENSG00000251724	5.13E-15	-2.63127	1	1 RNU7-175P	--
ENSG00000251725	5.13E-15	-2.63127	1	1 MIR2277	--
ENSG00000251726	5.13E-15	-2.63127	1	1 RNU7-41P	--
ENSG00000251727	5.13E-15	-2.63127	1	1 RNU6-488P	--
ENSG00000251728	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000251729	5.13E-15	-2.63127	1	1 RNA5SP401	--
ENSG00000251730	5.13E-15	-2.63127	1	1 SNORA4	--
ENSG00000251731	5.13E-15	-2.63127	1	1 AL512359.1	--
ENSG00000251732	5.13E-15	-2.63127	1	1 RN7SKP122	--
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ENSG00000251737	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000251740	5.13E-15	-2.63127	1	1 U8	--
ENSG00000251741	5.13E-15	-2.63127	1	1 RNU4ATAC13P	--
ENSG00000251742	5.13E-15	-2.63127	1	1 RN7SKP13	--
ENSG00000251744	5.13E-15	-2.63127	1	1 SNORA25	--
ENSG00000251745	5.13E-15	-2.63127	1	1 RNU7-124P	--
ENSG00000251746	5.13E-15	-2.63127	1	1 RNA5SP112	--
ENSG00000251747	5.13E-15	-2.63127	1	1 RNU7-60P	--
ENSG00000251748	5.13E-15	-2.63127	1	1 RNU4ATAC11P	--
ENSG00000251750	5.13E-15	-2.63127	1	1 RNU5F-8P	--
ENSG00000251751	5.13E-15	-2.63127	1	1 RN7SKP46	--
ENSG00000251752	5.13E-15	-2.63127	1	1 RNU4-29P	--
ENSG00000251753	5.13E-15	-2.63127	1	1 RNU6-75P	--
ENSG00000251754	5.13E-15	-2.63127	1	1 RNU6-999P	--
ENSG00000251755	5.13E-15	-2.63127	1	1 RNU7-131P	--
ENSG00000251756	5.13E-15	-2.63127	1	1 RNA5SP385	--
ENSG00000251757	5.13E-15	-2.63127	1	1 RNU6-848P	--
ENSG00000251758	5.13E-15	-2.63127	1	1 RNU6-350P	--
ENSG00000251759	5.13E-15	-2.63127	1	1 RN7SKP298	--
ENSG00000251760	5.13E-15	-2.63127	1	1 RNA5SP418	--
ENSG00000251761	5.13E-15	-2.63127	1	1 RNU6-138P	--
ENSG00000251762	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000251763	5.13E-15	-2.63127	1	1 RNU6-470P	--
ENSG00000251764	5.13E-15	-2.63127	1	1 RNA5SP446	--
ENSG00000251766	5.13E-15	-2.63127	1	1 RNA5SP518	--
ENSG00000251767	5.13E-15	-2.63127	1	1 RNU7-8P	--
ENSG00000251768	5.13E-15	-2.63127	1	1 RNA5SP217	--
ENSG00000251769	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000251770	5.13E-15	-2.63127	1	1 RNA5SP486	--
ENSG00000251771	5.13E-15	-2.63127	1	1 RNU6-1033P	--
ENSG00000251772	5.13E-15	-2.63127	1	1 AL117380.2	--
ENSG00000251773	5.13E-15	-2.63127	1	1 RNU6-1129P	--
ENSG00000251774	5.13E-15	-2.63127	1	1 RNU6-377P	--
ENSG00000251776	5.13E-15	-2.63127	1	1 RN7SKP242	--
ENSG00000251777	5.13E-15	-2.63127	1	1 RNU6-404P	--
ENSG00000251778	5.13E-15	-2.63127	1	1 SNORA3	--
ENSG00000251779	5.13E-15	-2.63127	1	1 Y_RNA	--

ENSG00000251780	5.13E-15	-2.63127	1	1 RNU7-150P	--
ENSG00000251781	5.13E-15	-2.63127	1	1 RNA5SP356	--
ENSG00000251783	5.13E-15	-2.63127	1	1 RNU6-1170P	--
ENSG00000251785	5.13E-15	-2.63127	1	1 RNA5SP20	--
ENSG00000251787	5.13E-15	-2.63127	1	1 RNU7-47P	--
ENSG00000251788	5.13E-15	-2.63127	1	1 RNU5A-7P	--
ENSG00000251789	5.13E-15	-2.63127	1	1 RNU4-57P	--
ENSG00000251792	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000251793	5.13E-15	-2.63127	1	1 U3	--
ENSG00000251794	5.13E-15	-2.63127	1	1 RNU6-237P	--
ENSG00000251796	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000251797	5.13E-15	-2.63127	1	1 RNU7-98P	--
ENSG00000251798	5.13E-15	-2.63127	1	1 RNU6-863P	--
ENSG00000251799	5.13E-15	-2.63127	1	1 Y_RNA	--
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ENSG00000251801	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000251802	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000251803	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000251804	5.13E-15	-2.63127	1	1 RNU6-1294P	--
ENSG00000251805	5.13E-15	-2.63127	1	1 SCARNA21	--
ENSG00000251807	5.13E-15	-2.63127	1	1 RNU6-202P	--
ENSG00000251808	5.13E-15	-2.63127	1	1 AC024198.1	--
ENSG00000251809	5.13E-15	-2.63127	1	1 RN7SKP14	--
ENSG00000251810	5.13E-15	-2.63127	1	1 RN7SKP132	--
ENSG00000251811	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000251812	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000251813	5.13E-15	-2.63127	1	1 RNU6-983P	--
ENSG00000251814	5.13E-15	-2.63127	1	1 RN7SKP18	--
ENSG00000251815	5.13E-15	-2.63127	1	1 SNORD116-26	--
ENSG00000251816	5.13E-15	-2.63127	1	1 RNA5SP157	--
ENSG00000251817	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000251818	5.13E-15	-2.63127	1	1 SCARNA20	--
ENSG00000251819	5.13E-15	-2.63127	1	1 RNU6-322P	--
ENSG00000251822	5.13E-15	-2.63127	1	1 SNORA19	--
ENSG00000251823	5.13E-15	-2.63127	1	1 RNA5SP162	--
ENSG00000251824	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000251825	5.13E-15	-2.63127	1	1 RN7SKP19	--
ENSG00000251828	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000251829	5.13E-15	-2.63127	1	1 RNA5SP436	--
ENSG00000251830	5.13E-15	-2.63127	1	1 SNORD46	--
ENSG00000251831	5.13E-15	-2.63127	1	1 RNU6-1114P	--
ENSG00000251833	5.13E-15	-2.63127	1	1 snoR26	--
ENSG00000251834	5.13E-15	-2.63127	1	1 RNU6-319P	--
ENSG00000251835	5.13E-15	-2.63127	1	1 RNU6ATAC32P	--
ENSG00000251836	5.13E-15	-2.63127	1	1 U3	--
ENSG00000251837	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000251838	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000251839	5.13E-15	-2.63127	1	1 RNU7-12P	--
ENSG00000251840	5.13E-15	-2.63127	1	1 RN7SKP155	--
ENSG00000251841	5.13E-15	-2.63127	1	1 RNU6-1334P	--
ENSG00000251842	5.13E-15	-2.63127	1	1 RNU6-732P	--
ENSG00000251843	5.13E-15	-2.63127	1	1 RNU6-803P	--
ENSG00000251844	5.13E-15	-2.63127	1	1 snoMe28S-Am2634	--
ENSG00000251846	5.13E-15	-2.63127	1	1 SNORD36	--
ENSG00000251847	5.13E-15	-2.63127	1	1 snoZ13_snr52	--
ENSG00000251848	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000251849	5.13E-15	-2.63127	1	1 AC010887.1	--
ENSG00000251850	5.13E-15	-2.63127	1	1 RNA5SP96	--

ENSG00000251851	5.13E-15	-2.63127	1	1 RNU6-772P	--
ENSG00000251852	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000251854	5.13E-15	-2.63127	1	1 RNU6-507P	--
ENSG00000251856	5.13E-15	-2.63127	1	1 MIR449C	--
ENSG00000251857	5.13E-15	-2.63127	1	1 RNA5SP362	--
ENSG00000251858	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000251859	5.13E-15	-2.63127	1	1 RNU6-1288P	--
ENSG00000251860	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000251861	5.13E-15	-2.63127	1	1 SCARNA20	--
ENSG00000251862	5.13E-15	-2.63127	1	1 MIR1343	--
ENSG00000251863	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000251864	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000251865	5.13E-15	-2.63127	1	1 RNU6-518P	--
ENSG00000251866	5.13E-15	-2.63127	1	1 SCARNA21	--
ENSG00000251868	5.13E-15	-2.63127	1	1 RNU7-71P	--
ENSG00000251870	5.13E-15	-2.63127	1	1 RNU2-69P	--
ENSG00000251871	5.13E-15	-2.63127	1	1 AC016113.1	--
ENSG00000251872	5.13E-15	-2.63127	1	1 RNU6-688P	--
ENSG00000251873	5.13E-15	-2.63127	1	1 RNA5SP182	--
ENSG00000251874	5.13E-15	-2.63127	1	1 RNU6-615P	--
ENSG00000251875	5.13E-15	-2.63127	1	1 RNU5F-2P	--
ENSG00000251876	5.13E-15	-2.63127	1	1 AL035106.1	--
ENSG00000251877	5.13E-15	-2.63127	1	1 RNU2-45P	--
ENSG00000251878	5.13E-15	-2.63127	1	1 SNORD79	--
ENSG00000251879	5.13E-15	-2.63127	1	1 AC010874.1	--
ENSG00000251880	5.13E-15	-2.63127	1	1 RNU7-75P	--
ENSG00000251881	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000251882	5.13E-15	-2.63127	1	1 RNU6-475P	--
ENSG00000251883	5.13E-15	-2.63127	1	1 RNU6ATAC17P	--
ENSG00000251885	5.13E-15	-2.63127	1	1 RNA5SP381	--
ENSG00000251886	5.13E-15	-2.63127	1	1 RNU6-120P	--
ENSG00000251887	5.13E-15	-2.63127	1	1 RNU6-760P	--
ENSG00000251888	5.13E-15	-2.63127	1	1 RN7SKP190	--
ENSG00000251889	5.13E-15	-2.63127	1	1 RNU4-49P	--
ENSG00000251890	5.13E-15	-2.63127	1	1 RNA5SP497	--
ENSG00000251891	5.13E-15	-2.63127	1	1 RNU7-79P	--
ENSG00000251892	5.13E-15	-2.63127	1	1 RNU7-84P	--
ENSG00000251893	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000251894	5.13E-15	-2.63127	1	1 RNU6-872P	--
ENSG00000251895	5.13E-15	-2.63127	1	1 RNU6-976P	--
ENSG00000251896	5.13E-15	-2.63127	1	1 SNORD116-27	--
ENSG00000251897	5.13E-15	-2.63127	1	1 RNU6-916P	--
ENSG00000251898	5.13E-15	-2.63127	1	1 SCARNA11	--
ENSG00000251899	5.13E-15	-2.63127	1	1 AC104169.1	--
ENSG00000251900	5.13E-15	-2.63127	1	1 VTRNA2-2P	--
ENSG00000251901	5.13E-15	-2.63127	1	1 snR65	--
ENSG00000251902	5.13E-15	-2.63127	1	1 RNU6-51P	--
ENSG00000251904	5.13E-15	-2.63127	1	1 RNA5SP272	--
ENSG00000251905	5.13E-15	-2.63127	1	1 RNU7-2P	--
ENSG00000251906	5.13E-15	-2.63127	1	1 RNU6-351P	--
ENSG00000251907	5.13E-15	-2.63127	1	1 RNU6-240P	--
ENSG00000251908	5.13E-15	-2.63127	1	1 RNU6-491P	--
ENSG00000251909	5.13E-15	-2.63127	1	1 U8	--
ENSG00000251911	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000251912	5.13E-15	-2.63127	1	1 AL954742.1	--
ENSG00000251913	5.13E-15	-2.63127	1	1 RNU6-513P	--
ENSG00000251914	5.13E-15	-2.63127	1	1 RNU7-200P	--
ENSG00000251915	5.13E-15	-2.63127	1	1 RNA5SP406	--

ENSG00000251916	5.13E-15	-2.63127	1	1 RNU1-61P	--
ENSG00000251917	5.13E-15	-2.63127	1	1 RNU1-86P	--
ENSG00000251918	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000251919	5.13E-15	-2.63127	1	1 RNU7-105P	--
ENSG00000251920	5.13E-15	-2.63127	1	1 RNA5SP216	--
ENSG00000251922	5.13E-15	-2.63127	1	1 SNORA14	--
ENSG00000251923	5.13E-15	-2.63127	1	1 RNU6-276P	--
ENSG00000251924	5.13E-15	-2.63127	1	1 RNA5SP408	--
ENSG00000251925	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000251926	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000251927	5.13E-15	-2.63127	1	1 AC099539.1	--
ENSG00000251928	5.13E-15	-2.63127	1	1 RNU6-585P	--
ENSG00000251929	5.13E-15	-2.63127	1	1 RNU6-189P	--
ENSG00000251930	5.13E-15	-2.63127	1	1 U3	--
ENSG00000251931	5.13E-15	-2.63127	1	1 RNU6-871P	--
ENSG00000251933	5.13E-15	-2.63127	1	1 AL596330.1	--
ENSG00000251934	5.13E-15	-2.63127	1	1 RNU6-1143P	--
ENSG00000251935	5.13E-15	-2.63127	1	1 RN7SKP179	--
ENSG00000251936	5.13E-15	-2.63127	1	1 RNA5SP249	--
ENSG00000251937	5.13E-15	-2.63127	1	1 RNU7-129P	--
ENSG00000251938	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000251939	5.13E-15	-2.63127	1	1 RNU6-1278P	--
ENSG00000251940	5.13E-15	-2.63127	1	1 SNORA15	--
ENSG00000251941	5.13E-15	-2.63127	1	1 RNA5SP116	--
ENSG00000251942	5.13E-15	-2.63127	1	1 SCARNA16	--
ENSG00000251943	5.13E-15	-2.63127	1	1 RNU6-693P	--
ENSG00000251944	5.13E-15	-2.63127	1	1 U3	--
ENSG00000251946	5.13E-15	-2.63127	1	1 RNU6-1023P	--
ENSG00000251947	5.13E-15	-2.63127	1	1 RN7SKP164	--
ENSG00000251949	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000251950	5.13E-15	-2.63127	1	1 RMRPP4	--
ENSG00000251951	5.13E-15	-2.63127	1	1 RN7SKP34	--
ENSG00000251952	5.13E-15	-2.63127	1	1 RNU6-1219P	--
ENSG00000251953	5.13E-15	-2.63127	1	1 RNA5SP522	--
ENSG00000251954	5.13E-15	-2.63127	1	1 RNU6-496P	--
ENSG00000251955	5.13E-15	-2.63127	1	1 RNU6-27P	--
ENSG00000251956	5.13E-15	-2.63127	1	1 RNU6-617P	--
ENSG00000251958	5.13E-15	-2.63127	1	1 RNU6-1102P	--
ENSG00000251959	5.13E-15	-2.63127	1	1 snoR442	--
ENSG00000251960	5.13E-15	-2.63127	1	1 RNU6-559P	--
ENSG00000251961	5.13E-15	-2.63127	1	1 RNU6ATAC13P	--
ENSG00000251962	5.13E-15	-2.63127	1	1 AL591668.1	--
ENSG00000251964	5.13E-15	-2.63127	1	1 RNU7-135P	--
ENSG00000251965	5.13E-15	-2.63127	1	1 RNA5SP208	--
ENSG00000251966	5.13E-15	-2.63127	1	1 AC010970.1	--
ENSG00000251967	5.13E-15	-2.63127	1	1 SNORD77	--
ENSG00000251968	5.13E-15	-2.63127	1	1 AL133376.1	--
ENSG00000251970	5.13E-15	-2.63127	1	1 RNU1-41P	--
ENSG00000251971	5.13E-15	-2.63127	1	1 RNU6-1333P	--
ENSG00000251972	5.13E-15	-2.63127	1	1 RNU6-123P	--
ENSG00000251973	5.13E-15	-2.63127	1	1 RNU6-473P	--
ENSG00000251974	5.13E-15	-2.63127	1	1 SNORA19	--
ENSG00000251975	5.13E-15	-2.63127	1	1 RNU6-718P	--
ENSG00000251976	5.13E-15	-2.63127	1	1 RN7SKP141	--
ENSG00000251977	5.13E-15	-2.63127	1	1 RNU6-991P	--
ENSG00000251978	5.13E-15	-2.63127	1	1 RNA5SP236	--
ENSG00000251979	5.13E-15	-2.63127	1	1 U3	--
ENSG00000251980	5.13E-15	-2.63127	1	1 RNU6-436P	--

ENSG00000251981	5.13E-15	-2.63127	1	1 RNU7-52P	--
ENSG00000251982	5.13E-15	-2.63127	1	1 RN7SKP43	--
ENSG00000251983	5.13E-15	-2.63127	1	1 RN7SKP157	--
ENSG00000251986	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000251987	5.13E-15	-2.63127	1	1 SNORD63	--
ENSG00000251989	5.13E-15	-2.63127	1	1 AL160011.1	--
ENSG00000251993	5.13E-15	-2.63127	1	1 RNA5SP227	--
ENSG00000251995	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000251996	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000251997	5.13E-15	-2.63127	1	1 RNA5SP458	--
ENSG00000251998	5.13E-15	-2.63127	1	1 RNU6-168P	--
ENSG00000251999	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000252000	5.13E-15	-2.63127	1	1 ACA59	--
ENSG00000252001	5.13E-15	-2.63127	1	1 RNA5SP303	--
ENSG00000252002	5.13E-15	-2.63127	1	1 RNA5SP154	--
ENSG00000252003	5.13E-15	-2.63127	1	1 RNU7-154P	--
ENSG00000252004	5.13E-15	-2.63127	1	1 AC068718.1	--
ENSG00000252005	5.13E-15	-2.63127	1	1 RNU4ATAC8P	--
ENSG00000252008	5.13E-15	-2.63127	1	1 RNU6-927P	--
ENSG00000252009	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252011	5.13E-15	-2.63127	1	1 SNORA25	--
ENSG00000252012	5.13E-15	-2.63127	1	1 RNA5SP521	--
ENSG00000252013	5.13E-15	-2.63127	1	1 RNU4ATAC14P	--
ENSG00000252014	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000252015	5.13E-15	-2.63127	1	1 RNU6-904P	--
ENSG00000252016	5.13E-15	-2.63127	1	1 ACA64	--
ENSG00000252017	5.13E-15	-2.63127	1	1 RNU6-1194P	--
ENSG00000252018	5.13E-15	-2.63127	1	1 RNU2-30P	--
ENSG00000252019	5.13E-15	-2.63127	1	1 RNU6ATAC9P	--
ENSG00000252020	5.13E-15	-2.63127	1	1 SCARNA17	--
ENSG00000252022	5.13E-15	-2.63127	1	1 SNORD33	--
ENSG00000252023	5.13E-15	-2.63127	1	1 RNU6-581P	--
ENSG00000252024	5.13E-15	-2.63127	1	1 SCARNA18	--
ENSG00000252025	5.13E-15	-2.63127	1	1 RNU6-982P	--
ENSG00000252026	5.13E-15	-2.63127	1	1 RNU6-1262P	--
ENSG00000252027	5.13E-15	-2.63127	1	1 RNU6ATAC14P	--
ENSG00000252028	5.13E-15	-2.63127	1	1 RN7SKP52	--
ENSG00000252029	5.13E-15	-2.63127	1	1 RNA5SP253	--
ENSG00000252030	5.13E-15	-2.63127	1	1 RNU6-1196P	--
ENSG00000252031	5.13E-15	-2.63127	1	1 RNU6-561P	--
ENSG00000252032	5.13E-15	-2.63127	1	1 RNU6-1281P	--
ENSG00000252033	5.13E-15	-2.63127	1	1 RNU6-311P	--
ENSG00000252034	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252035	5.13E-15	-2.63127	1	1 RNU6-397P	--
ENSG00000252036	5.13E-15	-2.63127	1	1 RN7SKP288	--
ENSG00000252037	5.13E-15	-2.63127	1	1 RNU6-162P	--
ENSG00000252038	5.13E-15	-2.63127	1	1 AC068704.1	--
ENSG00000252039	5.13E-15	-2.63127	1	1 RNU6-287P	--
ENSG00000252040	5.13E-15	-2.63127	1	1 snoU109	--
ENSG00000252041	5.13E-15	-2.63127	1	1 RNA5SP228	--
ENSG00000252042	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252045	5.13E-15	-2.63127	1	1 SNORA33	--
ENSG00000252046	5.13E-15	-2.63127	1	1 RNU6-150P	--
ENSG00000252047	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252048	5.13E-15	-2.63127	1	1 U3	--
ENSG00000252049	5.13E-15	-2.63127	1	1 SNORA40	--
ENSG00000252050	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000252051	5.13E-15	-2.63127	1	1 RN7SKP276	--

ENSG00000252053	5.13E-15	-2.63127	1	1 RNU6-1101P	--
ENSG00000252054	5.13E-15	-2.63127	1	1 SNORA73	--
ENSG00000252055	5.13E-15	-2.63127	1	1 RNU6-69P	--
ENSG00000252056	5.13E-15	-2.63127	1	1 RNU5E-2P	--
ENSG00000252057	5.13E-15	-2.63127	1	1 RNU7-174P	--
ENSG00000252058	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000252059	5.13E-15	-2.63127	1	1 AC012667.1	--
ENSG00000252060	5.13E-15	-2.63127	1	1 RNA5SP464	--
ENSG00000252062	5.13E-15	-2.63127	1	1 RNU6-469P	--
ENSG00000252063	5.13E-15	-2.63127	1	1 RNU6-1041P	--
ENSG00000252064	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252065	5.13E-15	-2.63127	1	1 RNU6-864P	--
ENSG00000252066	5.13E-15	-2.63127	1	1 RNU2-53P	--
ENSG00000252067	5.13E-15	-2.63127	1	1 RNU4-71P	--
ENSG00000252068	5.13E-15	-2.63127	1	1 RNU6-390P	--
ENSG00000252069	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252072	5.13E-15	-2.63127	1	1 RNA5SP320	--
ENSG00000252073	5.13E-15	-2.63127	1	1 RNU6-947P	--
ENSG00000252074	5.13E-15	-2.63127	1	1 RNU6-416P	--
ENSG00000252076	5.13E-15	-2.63127	1	1 RN7SKP196	--
ENSG00000252077	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252078	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252079	5.13E-15	-2.63127	1	1 RNU6-327P	--
ENSG00000252080	5.13E-15	-2.63127	1	1 RNU7-99P	--
ENSG00000252081	5.13E-15	-2.63127	1	1 RNU6-277P	--
ENSG00000252082	5.13E-15	-2.63127	1	1 RNU6-547P	--
ENSG00000252083	5.13E-15	-2.63127	1	1 SNORA40	--
ENSG00000252084	5.13E-15	-2.63127	1	1 RN7SKP12	--
ENSG00000252085	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252086	5.13E-15	-2.63127	1	1 RNA5SP76	--
ENSG00000252087	5.13E-15	-2.63127	1	1 RN7SKP248	--
ENSG00000252088	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000252089	5.13E-15	-2.63127	1	1 RNU4ATAC7P	--
ENSG00000252091	5.13E-15	-2.63127	1	1 RNU6-1146P	--
ENSG00000252092	5.13E-15	-2.63127	1	1 AC098830.1	--
ENSG00000252093	5.13E-15	-2.63127	1	1 AC011626.1	--
ENSG00000252094	5.13E-15	-2.63127	1	1 RNA5SP410	--
ENSG00000252096	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000252097	5.13E-15	-2.63127	1	1 RNU6-346P	--
ENSG00000252098	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252100	5.13E-15	-2.63127	1	1 AC002539.2	--
ENSG00000252101	5.13E-15	-2.63127	1	1 RNU6-758P	--
ENSG00000252102	5.13E-15	-2.63127	1	1 SNORA63	--
ENSG00000252103	5.13E-15	-2.63127	1	1 RNU6-917P	--
ENSG00000252104	5.13E-15	-2.63127	1	1 RNU6-191P	--
ENSG00000252105	5.13E-15	-2.63127	1	1 RNU1-143P	--
ENSG00000252107	5.13E-15	-2.63127	1	1 RNA5SP220	--
ENSG00000252108	5.13E-15	-2.63127	1	1 RNU6-1232P	--
ENSG00000252109	5.13E-15	-2.63127	1	1 snoZ178	--
ENSG00000252110	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000252111	5.13E-15	-2.63127	1	1 AC002981.1	--
ENSG00000252112	5.13E-15	-2.63127	1	1 SNORD63	--
ENSG00000252113	5.13E-15	-2.63127	1	1 RNU6-523P	--
ENSG00000252114	5.13E-15	-2.63127	1	1 SNORA73	--
ENSG00000252115	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252116	5.13E-15	-2.63127	1	1 RNU4ATAC4P	--
ENSG00000252117	5.13E-15	-2.63127	1	1 RNU6-1108P	--
ENSG00000252119	5.13E-15	-2.63127	1	1 ACA64	--

ENSG00000252120	5.13E-15	-2.63127	1	1 AL136137.1	--
ENSG00000252121	5.13E-15	-2.63127	1	1 RNU6-970P	--
ENSG00000252122	5.13E-15	-2.63127	1	1 SNORA76	--
ENSG00000252123	5.13E-15	-2.63127	1	1 RNU7-72P	--
ENSG00000252124	5.13E-15	-2.63127	1	1 AL031594.1	--
ENSG00000252125	5.13E-15	-2.63127	1	1 RNU6-1299P	--
ENSG00000252126	5.13E-15	-2.63127	1	1 RNU6-313P	--
ENSG00000252128	5.13E-15	-2.63127	1	1 SNORD27	--
ENSG00000252129	5.13E-15	-2.63127	1	1 SNORA74	--
ENSG00000252130	5.13E-15	-2.63127	1	1 RNU6-1045P	--
ENSG00000252131	5.13E-15	-2.63127	1	1 AL844165.1	--
ENSG00000252132	5.13E-15	-2.63127	1	1 RNU6-795P	--
ENSG00000252133	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000252134	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252135	5.13E-15	-2.63127	1	1 RNVU1-2	--
ENSG00000252136	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000252137	5.13E-15	-2.63127	1	1 RNU6-1338P	--
ENSG00000252138	5.13E-15	-2.63127	1	1 SNORA40	--
ENSG00000252139	5.13E-15	-2.63127	1	1 SCARNA18	--
ENSG00000252141	5.13E-15	-2.63127	1	1 RNU6-65P	--
ENSG00000252142	5.13E-15	-2.63127	1	1 AL022314.1	--
ENSG00000252143	5.13E-15	-2.63127	1	1 SCARNA17	--
ENSG00000252144	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252145	5.13E-15	-2.63127	1	1 RNU6-1225P	--
ENSG00000252146	5.13E-15	-2.63127	1	1 AL390776.1	--
ENSG00000252148	5.13E-15	-2.63127	1	1 RNU6-1206P	--
ENSG00000252149	5.13E-15	-2.63127	1	1 RNA5SP315	--
ENSG00000252150	5.13E-15	-2.63127	1	1 AC092574.2	--
ENSG00000252151	5.13E-15	-2.63127	1	1 RNU6-1265P	--
ENSG00000252153	5.13E-15	-2.63127	1	1 MIR2278	--
ENSG00000252154	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252155	5.13E-15	-2.63127	1	1 RNU6-941P	--
ENSG00000252156	5.13E-15	-2.63127	1	1 RNU6-155P	--
ENSG00000252158	5.13E-15	-2.63127	1	1 SNORA72	--
ENSG00000252159	5.13E-15	-2.63127	1	1 RNY4P1	--
ENSG00000252161	5.13E-15	-2.63127	1	1 RNA5SP318	--
ENSG00000252162	5.13E-15	-2.63127	1	1 RNU6-830P	--
ENSG00000252163	5.13E-15	-2.63127	1	1 RN7SKP31	--
ENSG00000252164	5.13E-15	-2.63127	1	1 RNA5SP282	--
ENSG00000252166	5.13E-15	-2.63127	1	1 RNU1-95P	--
ENSG00000252167	5.13E-15	-2.63127	1	1 RNA5SP287	--
ENSG00000252169	5.13E-15	-2.63127	1	1 RNA5SP200	--
ENSG00000252170	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252171	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252172	5.13E-15	-2.63127	1	1 RNU6-720P	--
ENSG00000252173	5.13E-15	-2.63127	1	1 RNU6-109P	--
ENSG00000252175	5.13E-15	-2.63127	1	1 U3	--
ENSG00000252176	5.13E-15	-2.63127	1	1 AC123767.1	--
ENSG00000252177	5.13E-15	-2.63127	1	1 AC005513.1	--
ENSG00000252178	5.13E-15	-2.63127	1	1 RNU7-69P	--
ENSG00000252179	5.13E-15	-2.63127	1	1 RNA5SP255	--
ENSG00000252180	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252181	5.13E-15	-2.63127	1	1 AC020703.1	--
ENSG00000252182	5.13E-15	-2.63127	1	1 RNA5SP413	--
ENSG00000252183	5.13E-15	-2.63127	1	1 RNU6-948P	--
ENSG00000252184	5.13E-15	-2.63127	1	1 RNU2-10P	--
ENSG00000252185	5.13E-15	-2.63127	1	1 RNU6-752P	--
ENSG00000252186	5.13E-15	-2.63127	1	1 RNU6-781P	--

ENSG00000252187	5.13E-15	-2.63127	1	1 AC051649.1	--
ENSG00000252188	5.13E-15	-2.63127	1	1 SNORA40	--
ENSG00000252189	5.13E-15	-2.63127	1	1 U3	--
ENSG00000252190	5.13E-15	-2.63127	1	1 SCARNA17	--
ENSG00000252191	5.13E-15	-2.63127	1	1 RNU6-751P	--
ENSG00000252193	5.13E-15	-2.63127	1	1 SCARNA15	--
ENSG00000252198	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252199	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000252201	5.13E-15	-2.63127	1	1 RNU6-1058P	--
ENSG00000252203	5.13E-15	-2.63127	1	1 snoR442	--
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ENSG00000252205	5.13E-15	-2.63127	1	1 RNU6-764P	--
ENSG00000252206	5.13E-15	-2.63127	1	1 RNU7-40P	--
ENSG00000252207	5.13E-15	-2.63127	1	1 RNA5SP365	--
ENSG00000252209	5.13E-15	-2.63127	1	1 RNU1-48P	--
ENSG00000252210	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252211	5.13E-15	-2.63127	1	1 RNA5SP473	--
ENSG00000252212	5.13E-15	-2.63127	1	1 RNU2-58P	--
ENSG00000252214	5.13E-15	-2.63127	1	1 RNU6-542P	--
ENSG00000252215	5.13E-15	-2.63127	1	1 AL357514.1	--
ENSG00000252216	5.13E-15	-2.63127	1	1 AC007041.1	--
ENSG00000252217	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252218	5.13E-15	-2.63127	1	1 SCARNA15	--
ENSG00000252219	5.13E-15	-2.63127	1	1 hsa-mir-892c	--
ENSG00000252220	5.13E-15	-2.63127	1	1 RNU6-977P	--
ENSG00000252222	5.13E-15	-2.63127	1	1 RNU7-13P	--
ENSG00000252223	5.13E-15	-2.63127	1	1 RNU6-1049P	--
ENSG00000252224	5.13E-15	-2.63127	1	1 RNU4ATAC15P	--
ENSG00000252225	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252226	5.13E-15	-2.63127	1	1 AL451051.1	--
ENSG00000252227	5.13E-15	-2.63127	1	1 SNORD36	--
ENSG00000252228	5.13E-15	-2.63127	1	1 SNORA48	--
ENSG00000252230	5.13E-15	-2.63127	1	1 SNORD111	--
ENSG00000252231	5.13E-15	-2.63127	1	1 RNA5SP67	--
ENSG00000252233	5.13E-15	-2.63127	1	1 RN7SKP253	--
ENSG00000252235	5.13E-15	-2.63127	1	1 RNU6-962P	--
ENSG00000252236	5.13E-15	-2.63127	1	1 SNORA26	--
ENSG00000252237	5.13E-15	-2.63127	1	1 RNU4-54P	--
ENSG00000252238	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000252239	5.13E-15	-2.63127	1	1 RNU6-1185P	--
ENSG00000252240	5.13E-15	-2.63127	1	1 AC096643.1	--
ENSG00000252242	5.13E-15	-2.63127	1	1 RNU7-115P	--
ENSG00000252243	5.13E-15	-2.63127	1	1 RNU6-412P	--
ENSG00000252244	5.13E-15	-2.63127	1	1 RNU7-3P	--
ENSG00000252246	5.13E-15	-2.63127	1	1 RNA5SP92	--
ENSG00000252247	5.13E-15	-2.63127	1	1 RNU6-70P	--
ENSG00000252249	5.13E-15	-2.63127	1	1 SNORA18	--
ENSG00000252250	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252251	5.13E-15	-2.63127	1	1 RNA5SP348	--
ENSG00000252252	5.13E-15	-2.63127	1	1 RNU6-687P	--
ENSG00000252254	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252255	5.13E-15	-2.63127	1	1 RNU2-35P	--
ENSG00000252256	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252257	5.13E-15	-2.63127	1	1 RN7SKP265	--
ENSG00000252258	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000252259	5.13E-15	-2.63127	1	1 RNA5SP49	--
ENSG00000252260	5.13E-15	-2.63127	1	1 RNA5SP461	--
ENSG00000252261	5.13E-15	-2.63127	1	1 RNA5SP262	--

ENSG00000252262	5.13E-15	-2.63127	1	1 RNA5SP61	--
ENSG00000252263	5.13E-15	-2.63127	1	1 RNU6-659P	--
ENSG00000252264	5.13E-15	-2.63127	1	1 RNU7-153P	--
ENSG00000252265	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000252266	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252267	5.13E-15	-2.63127	1	1 RNA5SP495	--
ENSG00000252268	5.13E-15	-2.63127	1	1 RNA5SP417	--
ENSG00000252269	5.13E-15	-2.63127	1	1 RNU4ATAC12P	--
ENSG00000252270	5.13E-15	-2.63127	1	1 AC034205.1	--
ENSG00000252271	5.13E-15	-2.63127	1	1 RNU6-1110P	--
ENSG00000252272	5.13E-15	-2.63127	1	1 RNA5SP470	--
ENSG00000252273	5.13E-15	-2.63127	1	1 RNU6-426P	--
ENSG00000252274	5.13E-15	-2.63127	1	1 SCARNA24	--
ENSG00000252275	5.13E-15	-2.63127	1	1 RNU7-192P	--
ENSG00000252277	5.13E-15	-2.63127	1	1 SNORD116-30	--
ENSG00000252278	5.13E-15	-2.63127	1	1 RNU6-866P	--
ENSG00000252279	5.13E-15	-2.63127	1	1 RNU6-406P	--
ENSG00000252280	5.13E-15	-2.63127	1	1 RNU7-16P	--
ENSG00000252281	5.13E-15	-2.63127	1	1 snoZ247	--
ENSG00000252282	5.13E-15	-2.63127	1	1 RNU6-1089P	--
ENSG00000252283	5.13E-15	-2.63127	1	1 Vault	--
ENSG00000252284	5.13E-15	-2.63127	1	1 SNORD28	--
ENSG00000252285	5.13E-15	-2.63127	1	1 RNU7-5P	--
ENSG00000252287	5.13E-15	-2.63127	1	1 RNA5SP24	--
ENSG00000252288	5.13E-15	-2.63127	1	1 RNU6-966P	--
ENSG00000252289	5.13E-15	-2.63127	1	1 RNA5SP519	--
ENSG00000252290	5.13E-15	-2.63127	1	1 SNORA25	--
ENSG00000252291	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000252292	5.13E-15	-2.63127	1	1 RN7SKP238	--
ENSG00000252293	5.13E-15	-2.63127	1	1 RNU7-64P	--
ENSG00000252294	5.13E-15	-2.63127	1	1 RNU6-589P	--
ENSG00000252295	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000252296	5.13E-15	-2.63127	1	1 SNORA25	--
ENSG00000252297	5.13E-15	-2.63127	1	1 RNU6-875P	--
ENSG00000252298	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252299	5.13E-15	-2.63127	1	1 U3	--
ENSG00000252300	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252301	5.13E-15	-2.63127	1	1 RNA5SP134	--
ENSG00000252302	5.13E-15	-2.63127	1	1 RNA5SP147	--
ENSG00000252303	5.13E-15	-2.63127	1	1 RNU6-1221P	--
ENSG00000252305	5.13E-15	-2.63127	1	1 SNORA74	--
ENSG00000252306	5.13E-15	-2.63127	1	1 AC104183.1	--
ENSG00000252307	5.13E-15	-2.63127	1	1 RNA5SP153	--
ENSG00000252308	5.13E-15	-2.63127	1	1 AC011738.1	--
ENSG00000252309	5.13E-15	-2.63127	1	1 AL391416.1	--
ENSG00000252310	5.13E-15	-2.63127	1	1 RNY5	--
ENSG00000252312	5.13E-15	-2.63127	1	1 RN7SKP21	--
ENSG00000252313	5.13E-15	-2.63127	1	1 RNA5SP281	--
ENSG00000252314	5.13E-15	-2.63127	1	1 SCARNA18	--
ENSG00000252315	5.13E-15	-2.63127	1	1 RNA5SP520	--
ENSG00000252316	5.13E-15	-2.63127	1	1 RNY4	--
ENSG00000252317	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252319	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252320	5.13E-15	-2.63127	1	1 RNU6-320P	--
ENSG00000252321	5.13E-15	-2.63127	1	1 RN7SKP83	--
ENSG00000252322	5.13E-15	-2.63127	1	1 RN7SKP244	--
ENSG00000252323	5.13E-15	-2.63127	1	1 RNU6-184P	--
ENSG00000252324	5.13E-15	-2.63127	1	1 AL163193.1	--

ENSG00000252325	5.13E-15	-2.63127	1	1 RNU6-1038P	--
ENSG00000252326	5.13E-15	-2.63127	1	1 SNORD116-25	--
ENSG00000252327	5.13E-15	-2.63127	1	1 RNU6-1302P	--
ENSG00000252328	5.13E-15	-2.63127	1	1 Vault	--
ENSG00000252329	5.13E-15	-2.63127	1	1 SCARNA16	--
ENSG00000252330	5.13E-15	-2.63127	1	1 AC105105.1	--
ENSG00000252332	5.13E-15	-2.63127	1	1 RNU6-911P	--
ENSG00000252333	5.13E-15	-2.63127	1	1 RNU6-964P	--
ENSG00000252335	5.13E-15	-2.63127	1	1 RNU6-62P	--
ENSG00000252336	5.13E-15	-2.63127	1	1 RNA5SP148	--
ENSG00000252337	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000252338	5.13E-15	-2.63127	1	1 RNU6-503P	--
ENSG00000252339	5.13E-15	-2.63127	1	1 RNU6-1061P	--
ENSG00000252341	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252342	5.13E-15	-2.63127	1	1 RNA5SP164	--
ENSG00000252343	5.13E-15	-2.63127	1	1 RNU2-34P	--
ENSG00000252346	5.13E-15	-2.63127	1	1 RNA5SP121	--
ENSG00000252347	5.13E-15	-2.63127	1	1 RNU6-1046P	--
ENSG00000252348	5.13E-15	-2.63127	1	1 RNU6-1256P	--
ENSG00000252349	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000252350	5.13E-15	-2.63127	1	1 RPPH1-3P	--
ENSG00000252351	5.13E-15	-2.63127	1	1 RNU6ATAC12P	--
ENSG00000252352	5.13E-15	-2.63127	1	1 SNORA40	--
ENSG00000252353	5.13E-15	-2.63127	1	1 RNU7-25P	--
ENSG00000252354	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252356	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252357	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252358	5.13E-15	-2.63127	1	1 RN7SKP135	--
ENSG00000252359	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252362	5.13E-15	-2.63127	1	1 RNU6-506P	--
ENSG00000252363	5.13E-15	-2.63127	1	1 RNU7-43P	--
ENSG00000252364	5.13E-15	-2.63127	1	1 RNA5SP360	--
ENSG00000252365	5.13E-15	-2.63127	1	1 SNORD22	--
ENSG00000252366	5.13E-15	-2.63127	1	1 RNA5SP367	--
ENSG00000252367	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252368	5.13E-15	-2.63127	1	1 RNA5SP43	--
ENSG00000252369	5.13E-15	-2.63127	1	1 RNU7-51P	--
ENSG00000252370	5.13E-15	-2.63127	1	1 RNA5SP438	--
ENSG00000252371	5.13E-15	-2.63127	1	1 RNU6-725P	--
ENSG00000252372	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252373	5.13E-15	-2.63127	1	1 RNU6-358P	--
ENSG00000252374	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252375	5.13E-15	-2.63127	1	1 AC099339.1	--
ENSG00000252376	5.13E-15	-2.63127	1	1 RNA5SP395	--
ENSG00000252377	5.13E-15	-2.63127	1	1 RNU6-504P	--
ENSG00000252378	5.13E-15	-2.63127	1	1 AC004851.1	--
ENSG00000252379	5.13E-15	-2.63127	1	1 RNU6-1002P	--
ENSG00000252380	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252382	5.13E-15	-2.63127	1	1 AC108865.1	--
ENSG00000252383	5.13E-15	-2.63127	1	1 RNU6-314P	--
ENSG00000252385	5.13E-15	-2.63127	1	1 RNU6-68P	--
ENSG00000252386	5.13E-15	-2.63127	1	1 RNU6-1018P	--
ENSG00000252387	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000252388	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000252391	5.13E-15	-2.63127	1	1 RNU6-638P	--
ENSG00000252393	5.13E-15	-2.63127	1	1 RNU6-1004P	--
ENSG00000252394	5.13E-15	-2.63127	1	1 RNU6-691P	--
ENSG00000252395	5.13E-15	-2.63127	1	1 RNU6-1007P	--

ENSG00000252396	5.13E-15	-2.63127	1	1 RN7SKP195	--
ENSG00000252397	5.13E-15	-2.63127	1	1 RNU5A-4P	--
ENSG00000252398	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252399	5.13E-15	-2.63127	1	1 RNU6-1259P	--
ENSG00000252400	5.13E-15	-2.63127	1	1 RNU6-1291P	--
ENSG00000252401	5.13E-15	-2.63127	1	1 RNU4ATAC6P	--
ENSG00000252402	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000252403	5.13E-15	-2.63127	1	1 RNY4P11	--
ENSG00000252404	5.13E-15	-2.63127	1	1 SCARNA16	--
ENSG00000252405	5.13E-15	-2.63127	1	1 snoMe28S-Am2634	--
ENSG00000252406	5.13E-15	-2.63127	1	1 RNU7-36P	--
ENSG00000252407	5.13E-15	-2.63127	1	1 RNU7-183P	--
ENSG00000252409	5.13E-15	-2.63127	1	1 SCARNA21	--
ENSG00000252410	5.13E-15	-2.63127	1	1 RNU5B-3P	--
ENSG00000252411	5.13E-15	-2.63127	1	1 RNU6-1087P	--
ENSG00000252413	5.13E-15	-2.63127	1	1 RNU7-121P	--
ENSG00000252415	5.13E-15	-2.63127	1	1 RNU6-1012P	--
ENSG00000252416	5.13E-15	-2.63127	1	1 RNU6-885P	--
ENSG00000252417	5.13E-15	-2.63127	1	1 RNU7-179P	--
ENSG00000252418	5.13E-15	-2.63127	1	1 RNU6-779P	--
ENSG00000252420	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252421	5.13E-15	-2.63127	1	1 RNU6-1069P	--
ENSG00000252422	5.13E-15	-2.63127	1	1 RNA5SP476	--
ENSG00000252423	5.13E-15	-2.63127	1	1 RNU6-229P	--
ENSG00000252424	5.13E-15	-2.63127	1	1 RNA5SP384	--
ENSG00000252425	5.13E-15	-2.63127	1	1 SNORA18	--
ENSG00000252426	5.13E-15	-2.63127	1	1 RNU1-107P	--
ENSG00000252427	5.13E-15	-2.63127	1	1 SNORD67	--
ENSG00000252428	5.13E-15	-2.63127	1	1 RNA5SP285	--
ENSG00000252429	5.13E-15	-2.63127	1	1 RNU7-29P	--
ENSG00000252430	5.13E-15	-2.63127	1	1 AL109750.1	--
ENSG00000252431	5.13E-15	-2.63127	1	1 RNU6-1247P	--
ENSG00000252432	5.13E-15	-2.63127	1	1 AP001032.1	--
ENSG00000252433	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000252434	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252435	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000252436	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252437	5.13E-15	-2.63127	1	1 RNA5SP459	--
ENSG00000252438	5.13E-15	-2.63127	1	1 SNORD45	--
ENSG00000252439	5.13E-15	-2.63127	1	1 AC007241.1	--
ENSG00000252440	5.13E-15	-2.63127	1	1 U3	--
ENSG00000252441	5.13E-15	-2.63127	1	1 SNORA64	--
ENSG00000252442	5.13E-15	-2.63127	1	1 RNY4P22	--
ENSG00000252443	5.13E-15	-2.63127	1	1 SNORA62	--
ENSG00000252444	5.13E-15	-2.63127	1	1 RNU6-344P	--
ENSG00000252445	5.13E-15	-2.63127	1	1 AC007535.1	--
ENSG00000252446	5.13E-15	-2.63127	1	1 RNU6-405P	--
ENSG00000252448	5.13E-15	-2.63127	1	1 SNORA63	--
ENSG00000252449	5.13E-15	-2.63127	1	1 RNU6-139P	--
ENSG00000252450	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252451	5.13E-15	-2.63127	1	1 RNA5SP168	--
ENSG00000252452	5.13E-15	-2.63127	1	1 RNU6-107P	--
ENSG00000252453	5.13E-15	-2.63127	1	1 AC015971.1	--
ENSG00000252454	5.13E-15	-2.63127	1	1 MIR2114	--
ENSG00000252455	5.13E-15	-2.63127	1	1 AC007179.2	--
ENSG00000252456	5.13E-15	-2.63127	1	1 RNA5SP434	--
ENSG00000252457	5.13E-15	-2.63127	1	1 RNU7-65P	--
ENSG00000252458	5.13E-15	-2.63127	1	1 SNORA68	--

ENSG00000252459	5.13E-15	-2.63127	1	1 SNORA27	--
ENSG00000252460	5.13E-15	-2.63127	1	1 RNU6-635P	--
ENSG00000252461	5.13E-15	-2.63127	1	1 SNORA43	--
ENSG00000252462	5.13E-15	-2.63127	1	1 RNU6-113P	--
ENSG00000252463	5.13E-15	-2.63127	1	1 RNU6-852P	--
ENSG00000252466	5.13E-15	-2.63127	1	1 MIR2115	--
ENSG00000252467	5.13E-15	-2.63127	1	1 RNU6-347P	--
ENSG00000252468	5.13E-15	-2.63127	1	1 RNU2-57P	--
ENSG00000252470	5.13E-15	-2.63127	1	1 RNU6-551P	--
ENSG00000252471	5.13E-15	-2.63127	1	1 AC006328.1	--
ENSG00000252472	5.13E-15	-2.63127	1	1 RNU6-521P	--
ENSG00000252474	5.13E-15	-2.63127	1	1 RNU6-539P	--
ENSG00000252475	5.13E-15	-2.63127	1	1 RNU6-1332P	--
ENSG00000252476	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252477	5.13E-15	-2.63127	1	1 RNU6-134P	--
ENSG00000252478	5.13E-15	-2.63127	1	1 RNU7-162P	--
ENSG00000252479	5.13E-15	-2.63127	1	1 RNA5SP309	--
ENSG00000252480	5.13E-15	-2.63127	1	1 RNU6-719P	--
ENSG00000252482	5.13E-15	-2.63127	1	1 RNU7-22P	--
ENSG00000252483	5.13E-15	-2.63127	1	1 RNU6-1178P	--
ENSG00000252484	5.13E-15	-2.63127	1	1 RN7SKP49	--
ENSG00000252485	5.13E-15	-2.63127	1	1 Vault	--
ENSG00000252486	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252487	5.13E-15	-2.63127	1	1 RNY4P20	--
ENSG00000252489	5.13E-15	-2.63127	1	1 RNU6-197P	--
ENSG00000252490	5.13E-15	-2.63127	1	1 RN7SKP66	--
ENSG00000252491	5.13E-15	-2.63127	1	1 RNU1-142P	--
ENSG00000252495	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252496	5.13E-15	-2.63127	1	1 RNA5SP33	--
ENSG00000252497	5.13E-15	-2.63127	1	1 RPPH1-2P	--
ENSG00000252499	5.13E-15	-2.63127	1	1 RNU6-63P	--
ENSG00000252500	5.13E-15	-2.63127	1	1 AC087433.1	--
ENSG00000252501	5.13E-15	-2.63127	1	1 RNU4-77P	--
ENSG00000252502	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252504	5.13E-15	-2.63127	1	1 AC097015.1	--
ENSG00000252505	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000252506	5.13E-15	-2.63127	1	1 RNU6-180P	--
ENSG00000252507	5.13E-15	-2.63127	1	1 RNU7-81P	--
ENSG00000252508	5.13E-15	-2.63127	1	1 RNU4ATAC3P	--
ENSG00000252509	5.13E-15	-2.63127	1	1 RNA5SP271	--
ENSG00000252510	5.13E-15	-2.63127	1	1 RNA5SP55	--
ENSG00000252511	5.13E-15	-2.63127	1	1 AC019330.2	--
ENSG00000252512	5.13E-15	-2.63127	1	1 RNA5SP206	--
ENSG00000252513	5.13E-15	-2.63127	1	1 RNU1-128P	--
ENSG00000252514	5.13E-15	-2.63127	1	1 RNU7-53P	--
ENSG00000252517	5.13E-15	-2.63127	1	1 SNORD59	--
ENSG00000252518	5.13E-15	-2.63127	1	1 RNU6-846P	--
ENSG00000252519	5.13E-15	-2.63127	1	1 RNU6-783P	--
ENSG00000252521	5.13E-15	-2.63127	1	1 RNU5D-2P	--
ENSG00000252522	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252523	5.13E-15	-2.63127	1	1 RNU6-267P	--
ENSG00000252524	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252525	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000252526	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000252529	5.13E-15	-2.63127	1	1 RNU3P3	--
ENSG00000252530	5.13E-15	-2.63127	1	1 RNU6-965P	--
ENSG00000252531	5.13E-15	-2.63127	1	1 SNORA73	--
ENSG00000252532	5.13E-15	-2.63127	1	1 RNU7-193P	--

ENSG00000252533	5.13E-15	-2.63127	1	1 RNU6-572P	--
ENSG00000252534	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252535	5.13E-15	-2.63127	1	1 RNA5SP254	--
ENSG00000252536	5.13E-15	-2.63127	1	1 U3	--
ENSG00000252537	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000252538	5.13E-15	-2.63127	1	1 RNU6-1070P	--
ENSG00000252539	5.13E-15	-2.63127	1	1 RNA5SP462	--
ENSG00000252540	5.13E-15	-2.63127	1	1 RNU6-919P	--
ENSG00000252541	5.13E-15	-2.63127	1	1 AC092905.1	--
ENSG00000252542	5.13E-15	-2.63127	1	1 SNORD36C	--
ENSG00000252544	5.13E-15	-2.63127	1	1 RNU6-1282P	--
ENSG00000252545	5.13E-15	-2.63127	1	1 RNU6-362P	--
ENSG00000252546	5.13E-15	-2.63127	1	1 RNA5SP466	--
ENSG00000252547	5.13E-15	-2.63127	1	1 AC139931.1	--
ENSG00000252548	5.13E-15	-2.63127	1	1 RNU7-149P	--
ENSG00000252550	5.13E-15	-2.63127	1	1 SNORA25	--
ENSG00000252553	5.13E-15	-2.63127	1	1 RNA5SP73	--
ENSG00000252554	5.13E-15	-2.63127	1	1 RNU6-861P	--
ENSG00000252555	5.13E-15	-2.63127	1	1 RNU6-567P	--
ENSG00000252556	5.13E-15	-2.63127	1	1 RNU6-256P	--
ENSG00000252557	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252558	5.13E-15	-2.63127	1	1 RNU6-914P	--
ENSG00000252559	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252560	5.13E-15	-2.63127	1	1 RNU4-18P	--
ENSG00000252561	5.13E-15	-2.63127	1	1 RNU1-125P	--
ENSG00000252562	5.13E-15	-2.63127	1	1 RNU6-922P	--
ENSG00000252563	5.13E-15	-2.63127	1	1 RNA5SP45	--
ENSG00000252565	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252566	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252568	5.13E-15	-2.63127	1	1 RNU7-28P	--
ENSG00000252569	5.13E-15	-2.63127	1	1 RNU6-1153P	--
ENSG00000252571	5.13E-15	-2.63127	1	1 SCARNA17	--
ENSG00000252572	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252574	5.13E-15	-2.63127	1	1 RNU5B-6P	--
ENSG00000252575	5.13E-15	-2.63127	1	1 BX470187.1	--
ENSG00000252576	5.13E-15	-2.63127	1	1 snR65	--
ENSG00000252577	5.13E-15	-2.63127	1	1 SCARNA20	--
ENSG00000252578	5.13E-15	-2.63127	1	1 RNU6-135P	--
ENSG00000252580	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000252581	5.13E-15	-2.63127	1	1 RNU6-1098P	--
ENSG00000252582	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000252583	5.13E-15	-2.63127	1	1 MIR514B	--
ENSG00000252584	5.13E-15	-2.63127	1	1 AC023050.1	--
ENSG00000252586	5.13E-15	-2.63127	1	1 AC002992.1	--
ENSG00000252587	5.13E-15	-2.63127	1	1 RNA5SP422	--
ENSG00000252591	5.13E-15	-2.63127	1	1 RNA5SP468	--
ENSG00000252592	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252593	5.13E-15	-2.63127	1	1 RNU6-1224P	--
ENSG00000252594	5.13E-15	-2.63127	1	1 RNU6-656P	--
ENSG00000252595	5.13E-15	-2.63127	1	1 RN7SKP82	--
ENSG00000252597	5.13E-15	-2.63127	1	1 RNU7-137P	--
ENSG00000252598	5.13E-15	-2.63127	1	1 RNA5SP460	--
ENSG00000252601	5.13E-15	-2.63127	1	1 SNORA18	--
ENSG00000252603	5.13E-15	-2.63127	1	1 RNU6ATAC22P	--
ENSG00000252604	5.13E-15	-2.63127	1	1 RNU2-44P	--
ENSG00000252605	5.13E-15	-2.63127	1	1 SCARNA18	--
ENSG00000252606	5.13E-15	-2.63127	1	1 RNU6-1150P	--
ENSG00000252607	5.13E-15	-2.63127	1	1 Y_RNA	--

ENSG00000252608	5.13E-15	-2.63127	1	1 RNU6-1191P	--
ENSG00000252609	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000252611	5.13E-15	-2.63127	1	1 RNU6-1121P	--
ENSG00000252612	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252613	5.13E-15	-2.63127	1	1 RNU7-168P	--
ENSG00000252615	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252616	5.13E-15	-2.63127	1	1 AC079140.1	--
ENSG00000252617	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000252619	5.13E-15	-2.63127	1	1 RNU6-1149P	--
ENSG00000252621	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252622	5.13E-15	-2.63127	1	1 RNU6-881P	--
ENSG00000252623	5.13E-15	-2.63127	1	1 RNA5SP481	--
ENSG00000252624	5.13E-15	-2.63127	1	1 RNA5SP409	--
ENSG00000252625	5.13E-15	-2.63127	1	1 RNU1-40P	--
ENSG00000252626	5.13E-15	-2.63127	1	1 RNU6-1308P	--
ENSG00000252627	5.13E-15	-2.63127	1	1 RNU6-122P	--
ENSG00000252628	5.13E-15	-2.63127	1	1 RNU6-453P	--
ENSG00000252629	5.13E-15	-2.63127	1	1 AL050316.1	--
ENSG00000252633	5.13E-15	-2.63127	1	1 RN7SKP282	--
ENSG00000252634	5.13E-15	-2.63127	1	1 RN7SKP219	--
ENSG00000252635	5.13E-15	-2.63127	1	1 RNU2-56P	--
ENSG00000252638	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000252639	5.13E-15	-2.63127	1	1 RNU2-24P	--
ENSG00000252640	5.13E-15	-2.63127	1	1 snoU109	--
ENSG00000252642	5.13E-15	-2.63127	1	1 RNA5SP137	--
ENSG00000252644	5.13E-15	-2.63127	1	1 RNU7-30P	--
ENSG00000252646	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252647	5.13E-15	-2.63127	1	1 RNA5SP416	--
ENSG00000252648	5.13E-15	-2.63127	1	1 AC078993.1	--
ENSG00000252649	5.13E-15	-2.63127	1	1 RNA5SP480	--
ENSG00000252650	5.13E-15	-2.63127	1	1 RNA5SP75	--
ENSG00000252651	5.13E-15	-2.63127	1	1 RNU6-557P	--
ENSG00000252652	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252653	5.13E-15	-2.63127	1	1 RNA5SP444	--
ENSG00000252654	5.13E-15	-2.63127	1	1 RNU7-6P	--
ENSG00000252655	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252656	5.13E-15	-2.63127	1	1 RN7SKP88	--
ENSG00000252657	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000252658	5.13E-15	-2.63127	1	1 RNU6-786P	--
ENSG00000252659	5.13E-15	-2.63127	1	1 RNU6-1088P	--
ENSG00000252660	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252661	5.13E-15	-2.63127	1	1 RNU6-782P	--
ENSG00000252662	5.13E-15	-2.63127	1	1 AC099545.1	--
ENSG00000252663	5.13E-15	-2.63127	1	1 RN7SKP201	--
ENSG00000252664	5.13E-15	-2.63127	1	1 AC017020.1	--
ENSG00000252667	5.13E-15	-2.63127	1	1 RNA5SP523	--
ENSG00000252668	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000252669	5.13E-15	-2.63127	1	1 U3	--
ENSG00000252670	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252671	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252672	5.13E-15	-2.63127	1	1 snoZ185	--
ENSG00000252673	5.13E-15	-2.63127	1	1 RNA5SP421	--
ENSG00000252674	5.13E-15	-2.63127	1	1 RNA5SP102	--
ENSG00000252675	5.13E-15	-2.63127	1	1 RNU6-52P	--
ENSG00000252676	5.13E-15	-2.63127	1	1 AL391559.1	--
ENSG00000252677	5.13E-15	-2.63127	1	1 SNORA81	--
ENSG00000252679	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000252680	5.13E-15	-2.63127	1	1 RNA5SP449	--

ENSG00000252681	5.13E-15	-2.63127	1	1 RNU1-97P	--
ENSG00000252682	5.13E-15	-2.63127	1	1 SNORD59	--
ENSG00000252683	5.13E-15	-2.63127	1	1 U3	--
ENSG00000252684	5.13E-15	-2.63127	1	1 RNU6ATAC36P	--
ENSG00000252685	5.13E-15	-2.63127	1	1 RNU6-928P	--
ENSG00000252686	5.13E-15	-2.63127	1	1 RNU6-1234P	--
ENSG00000252687	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252688	5.13E-15	-2.63127	1	1 RNU6-579P	--
ENSG00000252689	5.13E-15	-2.63127	1	1 SNORA20	--
ENSG00000252691	5.13E-15	-2.63127	1	1 SCARNA18	--
ENSG00000252692	5.13E-15	-2.63127	1	1 SNORD60	--
ENSG00000252693	5.13E-15	-2.63127	1	1 SNORA40	--
ENSG00000252694	5.13E-15	-2.63127	1	1 AC006371.1	--
ENSG00000252695	5.13E-15	-2.63127	1	1 MIR2276	--
ENSG00000252696	5.13E-15	-2.63127	1	1 RNA5SP34	--
ENSG00000252697	5.13E-15	-2.63127	1	1 RN7SKP209	--
ENSG00000252698	5.13E-15	-2.63127	1	1 RNU7-101P	--
ENSG00000252699	5.13E-15	-2.63127	1	1 SNORA21	--
ENSG00000252700	5.13E-15	-2.63127	1	1 RNU7-110P	--
ENSG00000252702	5.13E-15	-2.63127	1	1 RNU7-158P	--
ENSG00000252703	5.13E-15	-2.63127	1	1 RNU6-1182P	--
ENSG00000252704	5.13E-15	-2.63127	1	1 RN7SKP277	--
ENSG00000252705	5.13E-15	-2.63127	1	1 RNU6-175P	--
ENSG00000252706	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000252709	5.13E-15	-2.63127	1	1 U3	--
ENSG00000252710	5.13E-15	-2.63127	1	1 RNU6-295P	--
ENSG00000252711	5.13E-15	-2.63127	1	1 RN7SKP116	--
ENSG00000252712	5.13E-15	-2.63127	1	1 SCARNA14	--
ENSG00000252713	5.13E-15	-2.63127	1	1 RNU6-1198P	--
ENSG00000252714	5.13E-15	-2.63127	1	1 RNA5SP392	--
ENSG00000252715	5.13E-15	-2.63127	1	1 RNU6-265P	--
ENSG00000252716	5.13E-15	-2.63127	1	1 RN7SKP260	--
ENSG00000252717	5.13E-15	-2.63127	1	1 RNU6-352P	--
ENSG00000252718	5.13E-15	-2.63127	1	1 RNU6-612P	--
ENSG00000252719	5.13E-15	-2.63127	1	1 SNORA18	--
ENSG00000252720	5.13E-15	-2.63127	1	1 RNU6-1258P	--
ENSG00000252721	5.13E-15	-2.63127	1	1 RNU6-798P	--
ENSG00000252722	5.13E-15	-2.63127	1	1 SCARNA20	--
ENSG00000252723	5.13E-15	-2.63127	1	1 RNU6-677P	--
ENSG00000252724	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000252725	5.13E-15	-2.63127	1	1 RNU6-765P	--
ENSG00000252726	5.13E-15	-2.63127	1	1 RNA5SP94	--
ENSG00000252727	5.13E-15	-2.63127	1	1 SCARNA11	--
ENSG00000252728	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252729	5.13E-15	-2.63127	1	1 RNU6-971P	--
ENSG00000252730	5.13E-15	-2.63127	1	1 RN7SKP84	--
ENSG00000252731	5.13E-15	-2.63127	1	1 AL161793.1	--
ENSG00000252732	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252733	5.13E-15	-2.63127	1	1 AC067718.1	--
ENSG00000252734	5.13E-15	-2.63127	1	1 RNU6-980P	--
ENSG00000252735	5.13E-15	-2.63127	1	1 RNU6-528P	--
ENSG00000252736	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252738	5.13E-15	-2.63127	1	1 RNU6-515P	--
ENSG00000252739	5.13E-15	-2.63127	1	1 RNU7-151P	--
ENSG00000252740	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252742	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252743	5.13E-15	-2.63127	1	1 RNU6-850P	--
ENSG00000252744	5.13E-15	-2.63127	1	1 Y_RNA	--

ENSG00000252745	5.13E-15	-2.63127	1	1 RNA5SP143	--
ENSG00000252746	5.13E-15	-2.63127	1	1 RNU6-273P	--
ENSG00000252747	5.13E-15	-2.63127	1	1 RNA5SP364	--
ENSG00000252748	5.13E-15	-2.63127	1	1 AL096869.1	--
ENSG00000252749	5.13E-15	-2.63127	1	1 RNU7-116P	--
ENSG00000252750	5.13E-15	-2.63127	1	1 RNU7-70P	--
ENSG00000252751	5.13E-15	-2.63127	1	1 RNU6-143P	--
ENSG00000252752	5.13E-15	-2.63127	1	1 RNU6-210P	--
ENSG00000252753	5.13E-15	-2.63127	1	1 RNU6-1202P	--
ENSG00000252754	5.13E-15	-2.63127	1	1 RNA5SP313	--
ENSG00000252755	5.13E-15	-2.63127	1	1 RNU6-703P	--
ENSG00000252756	5.13E-15	-2.63127	1	1 RNU6-577P	--
ENSG00000252757	5.13E-15	-2.63127	1	1 RN7SKP96	--
ENSG00000252758	5.13E-15	-2.63127	1	1 RNU6-445P	--
ENSG00000252759	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252760	5.13E-15	-2.63127	1	1 RNA5SP54	--
ENSG00000252761	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252762	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000252763	5.13E-15	-2.63127	1	1 RNU2-31P	--
ENSG00000252764	5.13E-15	-2.63127	1	1 RNU6-1092P	--
ENSG00000252765	5.13E-15	-2.63127	1	1 SCARNA16	--
ENSG00000252766	5.13E-15	-2.63127	1	1 RNU6-255P	--
ENSG00000252767	5.13E-15	-2.63127	1	1 RNU6-250P	--
ENSG00000252768	5.13E-15	-2.63127	1	1 RNU6-856P	--
ENSG00000252769	5.13E-15	-2.63127	1	1 RNU6-943P	--
ENSG00000252770	5.13E-15	-2.63127	1	1 RNU7-4P	--
ENSG00000252771	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000252772	5.13E-15	-2.63127	1	1 RNU6-714P	--
ENSG00000252774	5.13E-15	-2.63127	1	1 SNORA48	--
ENSG00000252776	5.13E-15	-2.63127	1	1 RNU4ATAC10P	--
ENSG00000252777	5.13E-15	-2.63127	1	1 SCARNA24	--
ENSG00000252778	5.13E-15	-2.63127	1	1 SCARNA20	--
ENSG00000252779	5.13E-15	-2.63127	1	1 RNU6-182P	--
ENSG00000252780	5.13E-15	-2.63127	1	1 RNA5SP471	--
ENSG00000252783	5.13E-15	-2.63127	1	1 RNU6-835P	--
ENSG00000252784	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252785	5.13E-15	-2.63127	1	1 AC103809.1	--
ENSG00000252786	5.13E-15	-2.63127	1	1 RNU6-1142P	--
ENSG00000252787	5.13E-15	-2.63127	1	1 SNORD19B	--
ENSG00000252789	5.13E-15	-2.63127	1	1 AC006487.1	--
ENSG00000252790	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252791	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252792	5.13E-15	-2.63127	1	1 U3	--
ENSG00000252793	5.13E-15	-2.63127	1	1 RNA5SP196	--
ENSG00000252794	5.13E-15	-2.63127	1	1 RN7SKP60	--
ENSG00000252795	5.13E-15	-2.63127	1	1 RNU6-56P	--
ENSG00000252796	5.13E-15	-2.63127	1	1 RNU7-11P	--
ENSG00000252798	5.13E-15	-2.63127	1	1 SCARNA6	--
ENSG00000252799	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000252800	5.13E-15	-2.63127	1	1 SCARNA20	--
ENSG00000252801	5.13E-15	-2.63127	1	1 AC067735.1	--
ENSG00000252802	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252803	5.13E-15	-2.63127	1	1 RNU6-870P	--
ENSG00000252804	5.13E-15	-2.63127	1	1 RNU6-958P	--
ENSG00000252805	5.13E-15	-2.63127	1	1 U3	--
ENSG00000252806	5.13E-15	-2.63127	1	1 RNA5SP420	--
ENSG00000252807	5.13E-15	-2.63127	1	1 RNU6-1006P	--
ENSG00000252809	5.13E-15	-2.63127	1	1 AC135050.1	--

ENSG00000252810	5.13E-15	-2.63127	1	1 RNU6-345P	--
ENSG00000252811	5.13E-15	-2.63127	1	1 AC008085.1	--
ENSG00000252812	5.13E-15	-2.63127	1	1 RN7SKP2	--
ENSG00000252813	5.13E-15	-2.63127	1	1 AC108861.1	--
ENSG00000252814	5.13E-15	-2.63127	1	1 RN7SKP233	--
ENSG00000252815	5.13E-15	-2.63127	1	1 RNU6-410P	--
ENSG00000252816	5.13E-15	-2.63127	1	1 RNA5SP337	--
ENSG00000252818	5.13E-15	-2.63127	1	1 RNU7-146P	--
ENSG00000252819	5.13E-15	-2.63127	1	1 AL121898.1	--
ENSG00000252820	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252822	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252823	5.13E-15	-2.63127	1	1 RNU6-148P	--
ENSG00000252824	5.13E-15	-2.63127	1	1 SNORA48	--
ENSG00000252825	5.13E-15	-2.63127	1	1 RNU6-1253P	--
ENSG00000252826	5.13E-15	-2.63127	1	1 RNU1-92P	--
ENSG00000252828	5.13E-15	-2.63127	1	1 RNA5SP135	--
ENSG00000252829	5.13E-15	-2.63127	1	1 SCARNA4	--
ENSG00000252831	5.13E-15	-2.63127	1	1 AC005215.1	--
ENSG00000252832	5.13E-15	-2.63127	1	1 RNU6-1212P	--
ENSG00000252833	5.13E-15	-2.63127	1	1 RNA5SP186	--
ENSG00000252835	5.13E-15	-2.63127	1	1 SCARNA21	--
ENSG00000252837	5.13E-15	-2.63127	1	1 RN7SKP99	--
ENSG00000252838	5.13E-15	-2.63127	1	1 RN7SKP23	--
ENSG00000252840	5.13E-15	-2.63127	1	1 SNORA44	--
ENSG00000252841	5.13E-15	-2.63127	1	1 Z98044.1	--
ENSG00000252842	5.13E-15	-2.63127	1	1 RNU1-135P	--
ENSG00000252844	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252845	5.13E-15	-2.63127	1	1 RNA5SP101	--
ENSG00000252846	5.13E-15	-2.63127	1	1 AC090206.1	--
ENSG00000252848	5.13E-15	-2.63127	1	1 RNA5SP230	--
ENSG00000252849	5.13E-15	-2.63127	1	1 snosnR60_Z15	--
ENSG00000252850	5.13E-15	-2.63127	1	1 RNU1-117P	--
ENSG00000252852	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000252853	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252854	5.13E-15	-2.63127	1	1 RN7SKP5	--
ENSG00000252855	5.13E-15	-2.63127	1	1 AC134878.1	--
ENSG00000252856	5.13E-15	-2.63127	1	1 RNA5SP503	--
ENSG00000252857	5.13E-15	-2.63127	1	1 RNU6-389P	--
ENSG00000252858	5.13E-15	-2.63127	1	1 RNU6-1271P	--
ENSG00000252860	5.13E-15	-2.63127	1	1 RNU6-570P	--
ENSG00000252861	5.13E-15	-2.63127	1	1 RNU6-448P	--
ENSG00000252863	5.13E-15	-2.63127	1	1 RNU6-1183P	--
ENSG00000252864	5.13E-15	-2.63127	1	1 RNA5SP278	--
ENSG00000252866	5.13E-15	-2.63127	1	1 RNA5SP243	--
ENSG00000252867	5.13E-15	-2.63127	1	1 RNU6-909P	--
ENSG00000252868	5.13E-15	-2.63127	1	1 snoZ278	--
ENSG00000252869	5.13E-15	-2.63127	1	1 AL159140.1	--
ENSG00000252870	5.13E-15	-2.63127	1	1 ACA59	--
ENSG00000252872	5.13E-15	-2.63127	1	1 RNU7-188P	--
ENSG00000252873	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252876	5.13E-15	-2.63127	1	1 RNU7-199P	--
ENSG00000252877	5.13E-15	-2.63127	1	1 RNA5SP312	--
ENSG00000252878	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000252879	5.13E-15	-2.63127	1	1 RN7SKP98	--
ENSG00000252880	5.13E-15	-2.63127	1	1 RNU6-459P	--
ENSG00000252881	5.13E-15	-2.63127	1	1 RNU6-334P	--
ENSG00000252882	5.13E-15	-2.63127	1	1 RNU6-1137P	--
ENSG00000252883	5.13E-15	-2.63127	1	1 SNORD112	--

ENSG00000252884	5.13E-15	-2.63127	1	1 RNU6-1213P	--
ENSG00000252886	5.13E-15	-2.63127	1	1 RN7SKP197	--
ENSG00000252887	5.13E-15	-2.63127	1	1 RNU6-430P	--
ENSG00000252888	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000252889	5.13E-15	-2.63127	1	1 RNU6-1236P	--
ENSG00000252890	5.13E-15	-2.63127	1	1 RNU6-699P	--
ENSG00000252891	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252892	5.13E-15	-2.63127	1	1 RNU6-548P	--
ENSG00000252894	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252895	5.13E-15	-2.63127	1	1 RNY4P26	--
ENSG00000252897	5.13E-15	-2.63127	1	1 RNU6-685P	--
ENSG00000252898	5.13E-15	-2.63127	1	1 RNU6-1096P	--
ENSG00000252900	5.13E-15	-2.63127	1	1 RNU6-303P	--
ENSG00000252901	5.13E-15	-2.63127	1	1 AL669914.1	--
ENSG00000252902	5.13E-15	-2.63127	1	1 RNA5SP342	--
ENSG00000252903	5.13E-15	-2.63127	1	1 RNU6-894P	--
ENSG00000252904	5.13E-15	-2.63127	1	1 SNORA76	--
ENSG00000252906	5.13E-15	-2.63127	1	1 SCARNA3	--
ENSG00000252909	5.13E-15	-2.63127	1	1 RNU6-201P	--
ENSG00000252912	5.13E-15	-2.63127	1	1 RNA5SP439	--
ENSG00000252913	5.13E-15	-2.63127	1	1 RNU6-158P	--
ENSG00000252917	5.13E-15	-2.63127	1	1 SNORA74	--
ENSG00000252918	5.13E-15	-2.63127	1	1 AL359709.2	--
ENSG00000252919	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252920	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000252921	5.13E-15	-2.63127	1	1 U3	--
ENSG00000252922	5.13E-15	-2.63127	1	1 RNU6-365P	--
ENSG00000252923	5.13E-15	-2.63127	1	1 SCARNA16	--
ENSG00000252925	5.13E-15	-2.63127	1	1 RNU1-68P	--
ENSG00000252927	5.13E-15	-2.63127	1	1 RNA5SP404	--
ENSG00000252928	5.13E-15	-2.63127	1	1 RNU6-64P	--
ENSG00000252929	5.13E-15	-2.63127	1	1 RNU6-218P	--
ENSG00000252930	5.13E-15	-2.63127	1	1 RNU6-1015P	--
ENSG00000252931	5.13E-15	-2.63127	1	1 RNU6-231P	--
ENSG00000252932	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252934	5.13E-15	-2.63127	1	1 RNU7-172P	--
ENSG00000252935	5.13E-15	-2.63127	1	1 RNU6-1220P	--
ENSG00000252936	5.13E-15	-2.63127	1	1 RNA5SP423	--
ENSG00000252937	5.13E-15	-2.63127	1	1 RNU6-1270P	--
ENSG00000252940	5.13E-15	-2.63127	1	1 AL357936.1	--
ENSG00000252941	5.13E-15	-2.63127	1	1 RNA5SP340	--
ENSG00000252944	5.13E-15	-2.63127	1	1 RNU6-897P	--
ENSG00000252945	5.13E-15	-2.63127	1	1 snoU83B	--
ENSG00000252946	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252947	5.13E-15	-2.63127	1	1 SCARNA1	--
ENSG00000252948	5.13E-15	-2.63127	1	1 RNU6-1314P	--
ENSG00000252950	5.13E-15	-2.63127	1	1 RNA5SP490	--
ENSG00000252951	5.13E-15	-2.63127	1	1 RNA5SP165	--
ENSG00000252952	5.13E-15	-2.63127	1	1 RNU6-58P	--
ENSG00000252953	5.13E-15	-2.63127	1	1 RNU6-232P	--
ENSG00000252955	5.13E-15	-2.63127	1	1 RNU4ATAC9P	--
ENSG00000252956	5.13E-15	-2.63127	1	1 RNA5SP40	--
ENSG00000252957	5.13E-15	-2.63127	1	1 RNA5SP402	--
ENSG00000252958	5.13E-15	-2.63127	1	1 AC009065.3	--
ENSG00000252959	5.13E-15	-2.63127	1	1 RNA5SP170	--
ENSG00000252960	5.13E-15	-2.63127	1	1 RN7SKP258	--
ENSG00000252961	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000252962	5.13E-15	-2.63127	1	1 RNU6-993P	--

ENSG00000252963	5.13E-15	-2.63127	1	1 RN7SKP147	--
ENSG00000252964	5.13E-15	-2.63127	1	1 RNA5SP400	--
ENSG00000252966	5.13E-15	-2.63127	1	1 RNU7-91P	--
ENSG00000252968	5.13E-15	-2.63127	1	1 AC005370.1	--
ENSG00000252969	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000252973	5.13E-15	-2.63127	1	1 RNU6-1028P	--
ENSG00000252974	5.13E-15	-2.63127	1	1 AC121334.1	--
ENSG00000252975	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000252976	5.13E-15	-2.63127	1	1 AC090644.1	--
ENSG00000252977	5.13E-15	-2.63127	1	1 RNA5SP70	--
ENSG00000252978	5.13E-15	-2.63127	1	1 RN7SKP183	--
ENSG00000252979	5.13E-15	-2.63127	1	1 RNU6-165P	--
ENSG00000252980	5.13E-15	-2.63127	1	1 RNU6-367P	--
ENSG00000252982	5.13E-15	-2.63127	1	1 RN7SKP234	--
ENSG00000252983	5.13E-15	-2.63127	1	1 RNU7-35P	--
ENSG00000252984	5.13E-15	-2.63127	1	1 RNU6-844P	--
ENSG00000252985	5.13E-15	-2.63127	1	1 SNORD116	--
ENSG00000252986	5.13E-15	-2.63127	1	1 AC147651.2	--
ENSG00000252988	5.13E-15	-2.63127	1	1 RNU6-111P	--
ENSG00000252989	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000252990	5.13E-15	-2.63127	1	1 RNU1-54P	--
ENSG00000252991	5.13E-15	-2.63127	1	1 RNU6-1073P	--
ENSG00000252993	5.13E-15	-2.63127	1	1 SNORA25	--
ENSG00000252994	5.13E-15	-2.63127	1	1 RNU6-1231P	--
ENSG00000252995	5.13E-15	-2.63127	1	1 RNU6-667P	--
ENSG00000252996	5.13E-15	-2.63127	1	1 RNU6-1315P	--
ENSG00000252997	5.13E-15	-2.63127	1	1 AC068533.1	--
ENSG00000252998	5.13E-15	-2.63127	1	1 RNU6-889P	--
ENSG00000252999	5.13E-15	-2.63127	1	1 RNA5SP380	--
ENSG00000253000	5.13E-15	-2.63127	1	1 RNU1-45P	--
ENSG00000253001	5.13E-15	-2.63127	1	1 RN7SKP105	--
ENSG00000253002	5.13E-15	-2.63127	1	1 AC005725.1	--
ENSG00000253003	5.13E-15	-2.63127	1	1 RNU6-1261P	--
ENSG00000253004	5.13E-15	-2.63127	1	1 U8	--
ENSG00000253005	5.13E-15	-2.63127	1	1 RNU6-176P	--
ENSG00000253006	5.13E-15	-2.63127	1	1 RN7SKP283	--
ENSG00000253007	5.13E-15	-2.63127	1	1 SNORA76	--
ENSG00000253008	5.13E-15	-2.63127	1	1 MIR2355	--
ENSG00000253009	5.13E-15	-2.63127	1	1 U3	--
ENSG00000253010	5.13E-15	-2.63127	1	1 RN7SKP256	--
ENSG00000253011	5.13E-15	-2.63127	1	1 AC010928.1	--
ENSG00000253012	5.13E-15	-2.63127	1	1 AC022538.1	--
ENSG00000253013	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000253014	5.13E-15	-2.63127	1	1 U3	--
ENSG00000253015	5.13E-15	-2.63127	1	1 RN7SKP64	--
ENSG00000253016	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000253017	5.13E-15	-2.63127	1	1 AL160037.1	--
ENSG00000253018	5.13E-15	-2.63127	1	1 RNY4P31	--
ENSG00000253019	5.13E-15	-2.63127	1	1 RN7SKP35	--
ENSG00000253020	5.13E-15	-2.63127	1	1 RN7SKP40	--
ENSG00000253021	5.13E-15	-2.63127	1	1 RNU6-902P	--
ENSG00000253022	5.13E-15	-2.63127	1	1 RNU6-731P	--
ENSG00000253023	5.13E-15	-2.63127	1	1 RNU7-156P	--
ENSG00000253024	5.13E-15	-2.63127	1	1 RNU6-1238P	--
ENSG00000253025	5.13E-15	-2.63127	1	1 RNU2-12P	--
ENSG00000253026	5.13E-15	-2.63127	1	1 RNU6-464P	--
ENSG00000253027	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000253028	5.13E-15	-2.63127	1	1 SNORA31	--

ENSG00000253029	5.13E-15	-2.63127	1	1 RNU6-568P	--
ENSG00000253030	5.13E-15	-2.63127	1	1 MIR2116	--
ENSG00000253031	5.13E-15	-2.63127	1	1 RNA5SP291	--
ENSG00000253032	5.13E-15	-2.63127	1	1 RNU6-299P	--
ENSG00000253033	5.13E-15	-2.63127	1	1 RNU7-191P	--
ENSG00000253035	5.13E-15	-2.63127	1	1 RNU4ATAC5P	--
ENSG00000253036	5.13E-15	-2.63127	1	1 snR65	--
ENSG00000253037	5.13E-15	-2.63127	1	1 AL109947.2	--
ENSG00000253038	5.13E-15	-2.63127	1	1 RNU6-706P	--
ENSG00000253039	5.13E-15	-2.63127	1	1 RNA5SP47	--
ENSG00000253040	5.13E-15	-2.63127	1	1 RNA5SP454	--
ENSG00000253041	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000253042	5.13E-15	-2.63127	1	1 SNORA70	--
ENSG00000253043	5.13E-15	-2.63127	1	1 RNU7-181P	--
ENSG00000253044	5.13E-15	-2.63127	1	1 AL691452.1	--
ENSG00000253045	5.13E-15	-2.63127	1	1 RMRPP1	--
ENSG00000253046	5.13E-15	-2.63127	1	1 AC092841.1	--
ENSG00000253048	5.13E-15	-2.63127	1	1 RNU4-60P	--
ENSG00000253049	5.13E-15	-2.63127	1	1 SNORA43	--
ENSG00000253050	5.13E-15	-2.63127	1	1 RNU6-868P	--
ENSG00000253052	5.13E-15	-2.63127	1	1 U3	--
ENSG00000253053	5.13E-15	-2.63127	1	1 RN7SKP289	--
ENSG00000253055	5.13E-15	-2.63127	1	1 RNA5SP415	--
ENSG00000253056	5.13E-15	-2.63127	1	1 RNU7-128P	--
ENSG00000253057	5.13E-15	-2.63127	1	1 RN7SKP57	--
ENSG00000253058	5.13E-15	-2.63127	1	1 RNA5SP437	--
ENSG00000253059	5.13E-15	-2.63127	1	1 SNORA31	--
ENSG00000253060	5.13E-15	-2.63127	1	1 SCARNA20	--
ENSG00000253062	5.13E-15	-2.63127	1	1 RNU7-108P	--
ENSG00000253063	5.13E-15	-2.63127	1	1 RNU6-494P	--
ENSG00000253064	5.13E-15	-2.63127	1	1 RNU6-711P	--
ENSG00000253065	5.13E-15	-2.63127	1	1 SNORA40	--
ENSG00000253066	5.13E-15	-2.63127	1	1 RNU6-709P	--
ENSG00000253067	5.13E-15	-2.63127	1	1 snoZ6	--
ENSG00000253068	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000253069	5.13E-15	-2.63127	1	1 AC021205.1	--
ENSG00000253070	5.13E-15	-2.63127	1	1 RNU6-794P	--
ENSG00000253071	5.13E-15	-2.63127	1	1 RNU7-31P	--
ENSG00000253072	5.13E-15	-2.63127	1	1 snoMBII-202	--
ENSG00000253073	5.13E-15	-2.63127	1	1 RN7SKP295	--
ENSG00000253074	5.13E-15	-2.63127	1	1 RNU6-586P	--
ENSG00000253075	5.13E-15	-2.63127	1	1 RN7SKP92	--
ENSG00000253076	5.13E-15	-2.63127	1	1 SNORD112	--
ENSG00000253077	5.13E-15	-2.63127	1	1 RNA5SP169	--
ENSG00000253078	5.13E-15	-2.63127	1	1 RNU6-1116P	--
ENSG00000253079	5.13E-15	-2.63127	1	1 NRON	--
ENSG00000253080	5.13E-15	-2.63127	1	1 RNA5SP373	--
ENSG00000253081	5.13E-15	-2.63127	1	1 RNU4ATAC17P	--
ENSG00000253082	5.13E-15	-2.63127	1	1 AC007365.2	--
ENSG00000253083	5.13E-15	-2.63127	1	1 RNA5SP106	--
ENSG00000253085	5.13E-15	-2.63127	1	1 SCARNA11	--
ENSG00000253086	5.13E-15	-2.63127	1	1 RNU6-537P	--
ENSG00000253087	5.13E-15	-2.63127	1	1 RNU6-1174P	--
ENSG00000253088	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000253089	5.13E-15	-2.63127	1	1 RNU1-104P	--
ENSG00000253090	5.13E-15	-2.63127	1	1 SNORA73	--
ENSG00000253091	5.13E-15	-2.63127	1	1 U3	--
ENSG00000253092	5.13E-15	-2.63127	1	1 SNORA81	--

ENSG00000253093	5.13E-15	-2.63127	1	1 RNA5SP179	--
ENSG00000253094	5.13E-15	-2.63127	1	1 SNORD36	--
ENSG00000253095	5.13E-15	-2.63127	1	1 RNU6-676P	--
ENSG00000253096	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000253097	5.13E-15	-2.63127	1	1 RNU2-19P	--
ENSG00000253098	5.13E-15	-2.63127	1	1 RNU7-161P	--
ENSG00000253099	5.13E-15	-2.63127	1	1 RNU2-60P	--
ENSG00000253100	5.13E-15	-2.63127	1	1 RP11-219J21.1	--
ENSG00000253102	5.13E-15	-2.63127	1	1 RP1-117B12.4	--
ENSG00000253103	5.13E-15	-2.63127	1	1 RP11-946L20.4	--
ENSG00000253104	5.13E-15	-2.63127	1	1 RP11-855C21.1	--
ENSG00000253105	5.13E-15	-2.63127	1	1 KB-1448A5.1	--
ENSG00000253107	5.13E-15	-2.63127	1	1 CTD-2544L4.1	K11863
ENSG00000253108	5.13E-15	-2.63127	1	1 RP1-84O15.2	--
ENSG00000253109	5.13E-15	-2.63127	1	1 RP11-619L12.1	--
ENSG00000253110	5.13E-15	-2.63127	1	1 CTB-78H18.1	--
ENSG00000253111	5.13E-15	-2.63127	1	1 RP11-136O12.2	--
ENSG00000253114	5.13E-15	-2.63127	1	1 RP11-550I15.1	--
ENSG00000253115	5.13E-15	-2.63127	1	1 RP11-6I2.4	--
ENSG00000253116	5.13E-15	-2.63127	1	1 RP11-648L3.2	--
ENSG00000253117	5.13E-15	-2.63127	1	1 OC90	--
ENSG00000253118	5.13E-15	-2.63127	1	1 RP11-700E23.3	K03948
ENSG00000253119	5.13E-15	-2.63127	1	1 HNRNPA3P7	K12741
ENSG00000253120	5.13E-15	-2.63127	1	1 IGLV2-34	K06553
ENSG00000253122	5.13E-15	-2.63127	1	1 RP11-238I10.1	--
ENSG00000253123	5.13E-15	-2.63127	1	1 RP11-527N22.1	--
ENSG00000253124	5.13E-15	-2.63127	1	1 TRAPPC2P2	--
ENSG00000253125	5.13E-15	-2.63127	1	1 RP11-459E5.1	--
ENSG00000253126	5.13E-15	-2.63127	1	1 IGLVI-56	--
ENSG00000253127	5.13E-15	-2.63127	1	1 IGKV2D-36	--
ENSG00000253128	5.13E-15	-2.63127	1	1 IGHV4-80	--
ENSG00000253131	5.13E-15	-2.63127	1	1 IGHV7-56	--
ENSG00000253132	5.13E-15	-2.63127	1	1 IGHV3-62	K06856
ENSG00000253133	5.13E-15	-2.63127	1	1 RP11-360L9.4	--
ENSG00000253134	5.13E-15	-2.63127	1	1 CTC-436K13.2	--
ENSG00000253135	5.13E-15	-2.63127	1	1 RP11-589C21.2	K12755
ENSG00000253137	5.13E-15	-2.63127	1	1 RP11-509P12.1	K03061
ENSG00000253138	5.13E-15	-2.63127	1	1 LINC00967	--
ENSG00000253139	5.13E-15	-2.63127	1	1 RP11-17A4.3	--
ENSG00000253141	5.13E-15	-2.63127	1	1 CTB-164N12.1	--
ENSG00000253142	5.13E-15	-2.63127	1	1 RP11-87E22.1	--
ENSG00000253143	5.13E-15	-2.63127	1	1 Metazoa_SRP	--
ENSG00000253144	5.13E-15	-2.63127	1	1 RP11-281O15.7	--
ENSG00000253146	5.13E-15	-2.63127	1	1 CIR1P1	K06066
ENSG00000253147	5.13E-15	-2.63127	1	1 RP11-369E15.4	--
ENSG00000253148	5.13E-15	-2.63127	1	1 RGS21	K16449
ENSG00000253149	5.13E-15	-2.63127	1	1 IGHVII-31-1	K06856
ENSG00000253152	5.13E-15	-2.63127	1	1 IGLV3-17	--
ENSG00000253155	5.13E-15	-2.63127	1	1 CTB-47B11.1	K02898
ENSG00000253156	5.13E-15	-2.63127	1	1 RP11-58O3.1	--
ENSG00000253158	5.13E-15	-2.63127	1	1 IGKV3-31	--
ENSG00000253159	5.13E-15	-2.63127	1	1 PCDHGA12	K16495
ENSG00000253160	5.13E-15	-2.63127	1	1 RP11-1113C11.2	--
ENSG00000253161	5.13E-15	-2.63127	1	1 RP11-150O12.1	--
ENSG00000253162	5.13E-15	-2.63127	1	1 RP11-279L11.1	--
ENSG00000253163	5.13E-15	-2.63127	1	1 RP11-443C10.1	--
ENSG00000253164	5.13E-15	-2.63127	1	1 RP11-563N12.2	--
ENSG00000253165	5.13E-15	-2.63127	1	1 CTD-2309H9.3	--

ENSG00000253166	5.13E-15	-2.63127	1	1 RP11-585F1.6	-
ENSG00000253168	5.13E-15	-2.63127	1	1 RP11-326L2.1	-
ENSG00000253169	5.13E-15	-2.63127	1	1 IGHVII-65-1	-
ENSG00000253171	5.13E-15	-2.63127	1	1 CTB-118P15.2	-
ENSG00000253172	5.13E-15	-2.63127	1	1 CTC-209H22.3	-
ENSG00000253173	5.13E-15	-2.63127	1	1 RP11-152C15.1	K11251
ENSG00000253177	5.13E-15	-2.63127	1	1 RP11-100L22.1	-
ENSG00000253178	5.13E-15	-2.63127	1	1 RP11-404E12.1	K02126
ENSG00000253179	5.13E-15	-2.63127	1	1 CALCP	K12332
ENSG00000253181	5.13E-15	-2.63127	1	1 RP11-863K10.2	-
ENSG00000253182	5.13E-15	-2.63127	1	1 RP11-486M23.2	-
ENSG00000253183	5.13E-15	-2.63127	1	1 RP4-701O16.5	K09560
ENSG00000253184	5.13E-15	-2.63127	1	1 RP11-13N12.2	-
ENSG00000253186	5.13E-15	-2.63127	1	1 RP11-726G23.3	-
ENSG00000253188	5.13E-15	-2.63127	1	1 TRBV6-7	-
ENSG00000253189	5.13E-15	-2.63127	1	1 RP11-158A14.1	-
ENSG00000253190	5.13E-15	-2.63127	1	1 AC084082.3	-
ENSG00000253191	5.13E-15	-2.63127	1	1 IGKV1D-32	-
ENSG00000253193	5.13E-15	-2.63127	1	1 FCGR1C	K06498
ENSG00000253195	5.13E-15	-2.63127	1	1 RP11-359P18.6	K17728
ENSG00000253196	5.13E-15	-2.63127	1	1 RP11-706C16.7	-
ENSG00000253198	5.13E-15	-2.63127	1	1 RP11-643N23.1	-
ENSG00000253199	5.13E-15	-2.63127	1	1 RP11-421P23.1	-
ENSG00000253202	5.13E-15	-2.63127	1	1 IGKV3-25	-
ENSG00000253204	5.13E-15	-2.63127	1	1 RP5-1009N12.1	K17920
ENSG00000253205	5.13E-15	-2.63127	1	1 CTD-3046C4.1	-
ENSG00000253206	5.13E-15	-2.63127	1	1 RP11-738G5.2	-
ENSG00000253207	5.13E-15	-2.63127	1	1 RP11-67H2.1	-
ENSG00000253208	5.13E-15	-2.63127	1	1 RP11-1G11.2	K06697
ENSG00000253209	5.13E-15	-2.63127	1	1 IGHV3-65	K06856
ENSG00000253215	5.13E-15	-2.63127	1	1 RP11-156K13.2	-
ENSG00000253216	5.13E-15	-2.63127	1	1 RP11-744J10.2	-
ENSG00000253218	5.13E-15	-2.63127	1	1 KLF3P1	K15605
ENSG00000253219	5.13E-15	-2.63127	1	1 KRT18P41	K07604
ENSG00000253220	5.13E-15	-2.63127	1	1 RP11-103H7.2	-
ENSG00000253222	5.13E-15	-2.63127	1	1 NRG1-IT2	-
ENSG00000253223	5.13E-15	-2.63127	1	1 RP11-409C19.2	K12843
ENSG00000253224	5.13E-15	-2.63127	1	1 PGAM5P1	K15637
ENSG00000253225	5.13E-15	-2.63127	1	1 RP11-1057N3.2	-
ENSG00000253226	5.13E-15	-2.63127	1	1 HAUS1P3	K16584
ENSG00000253230	5.13E-15	-2.63127	1	1 LINC00599	-
ENSG00000253231	5.13E-15	-2.63127	1	1 COX6CP8	K02268
ENSG00000253232	5.13E-15	-2.63127	1	1 RP11-359B20.5	K05764
ENSG00000253233	5.13E-15	-2.63127	1	1 KB-1582A10.2	K06672
ENSG00000253234	5.13E-15	-2.63127	1	1 IGLV2-5	-
ENSG00000253235	5.13E-15	-2.63127	1	1 RP11-434I12.4	-
ENSG00000253236	5.13E-15	-2.63127	1	1 CTD-2313P7.1	-
ENSG00000253237	5.13E-15	-2.63127	1	1 RP11-775E10.1	-
ENSG00000253238	5.13E-15	-2.63127	1	1 RP11-941H19.3	-
ENSG00000253239	5.13E-15	-2.63127	1	1 IGLVI-70	-
ENSG00000253240	5.13E-15	-2.63127	1	1 IGHV3-36	K06856
ENSG00000253241	5.13E-15	-2.63127	1	1 IGHV3-50	-
ENSG00000253242	5.13E-15	-2.63127	1	1 IGLVIV-64	K06553
ENSG00000253244	5.13E-15	-2.63127	1	1 RP11-619L12.3	-
ENSG00000253245	5.13E-15	-2.63127	1	1 MTND1P36	-
ENSG00000253247	5.13E-15	-2.63127	1	1 IGHV3-76	K06856
ENSG00000253248	5.13E-15	-2.63127	1	1 RP11-149P24.1	-
ENSG00000253250	5.13E-15	-2.63127	1	1 C8orf88	-

ENSG00000253252	5.13E-15	-2.63127	1	1 RP11-10A14.6	--
ENSG00000253257	5.13E-15	-2.63127	1	1 MTND4P7	--
ENSG00000253259	5.13E-15	-2.63127	1	1 RP11-737F9.2	--
ENSG00000253260	5.13E-15	-2.63127	1	1 RP11-379I19.1	--
ENSG00000253261	5.13E-15	-2.63127	1	1 CTC-280C13.1	--
ENSG00000253262	5.13E-15	-2.63127	1	1 RP11-221H10.1	K02896
ENSG00000253263	5.13E-15	-2.63127	1	1 KB-1507C5.3	--
ENSG00000253264	5.13E-15	-2.63127	1	1 PCAT2	--
ENSG00000253265	5.13E-15	-2.63127	1	1 IGKV2-14	--
ENSG00000253266	5.13E-15	-2.63127	1	1 RP11-128L5.1	--
ENSG00000253267	5.13E-15	-2.63127	1	1 RP11-666I19.2	--
ENSG00000253269	5.13E-15	-2.63127	1	1 CTB-37A13.1	--
ENSG00000253271	5.13E-15	-2.63127	1	1 RP11-1059L18.1	K11256
ENSG00000253274	5.13E-15	-2.63127	1	1 IGHV1-67	--
ENSG00000253275	5.13E-15	-2.63127	1	1 RP11-566H8.1	--
ENSG00000253278	5.13E-15	-2.63127	1	1 IGKV2-10	--
ENSG00000253279	5.13E-15	-2.63127	1	1 FAM183CP	--
ENSG00000253280	5.13E-15	-2.63127	1	1 RP11-618M23.4	--
ENSG00000253281	5.13E-15	-2.63127	1	1 RP11-716D16.1	--
ENSG00000253282	5.13E-15	-2.63127	1	1 KB-1410C5.3	--
ENSG00000253283	5.13E-15	-2.63127	1	1 RP11-146E23.2	K13870
ENSG00000253286	5.13E-15	-2.63127	1	1 CTD-2552K11.2	--
ENSG00000253287	5.13E-15	-2.63127	1	1 RP11-281N10.1	--
ENSG00000253288	5.13E-15	-2.63127	1	1 RP11-238K6.1	--
ENSG00000253290	5.13E-15	-2.63127	1	1 RP11-597M17.3	--
ENSG00000253291	5.13E-15	-2.63127	1	1 TRBV7-7	K10785
ENSG00000253292	5.13E-15	-2.63127	1	1 RP11-298P6.5	K00469
ENSG00000253294	5.13E-15	-2.63127	1	1 IGHVII-40-1	--
ENSG00000253297	5.13E-15	-2.63127	1	1 HTR4-IT1	--
ENSG00000253298	5.13E-15	-2.63127	1	1 AC008703.1	--
ENSG00000253299	5.13E-15	-2.63127	1	1 RP11-316J7.4	K12162
ENSG00000253300	5.13E-15	-2.63127	1	1 RP11-108E14.1	--
ENSG00000253301	5.13E-15	-2.63127	1	1 RP11-513O17.2	--
ENSG00000253303	5.13E-15	-2.63127	1	1 IGHVIII-82	--
ENSG00000253308	5.13E-15	-2.63127	1	1 RP1-170O19.17	--
ENSG00000253310	5.13E-15	-2.63127	1	1 IGHVIII-76-1	--
ENSG00000253311	5.13E-15	-2.63127	1	1 AC011343.1	--
ENSG00000253312	5.13E-15	-2.63127	1	1 RP11-359P18.2	--
ENSG00000253313	5.13E-15	-2.63127	1	1 C1orf210	--
ENSG00000253314	5.13E-15	-2.63127	1	1 LINC00293	--
ENSG00000253315	5.13E-15	-2.63127	1	1 CTB-11I22.2	--
ENSG00000253317	5.13E-15	-2.63127	1	1 RP11-142A23.1	--
ENSG00000253318	5.13E-15	-2.63127	1	1 TMCC1P1	--
ENSG00000253319	5.13E-15	-2.63127	1	1 RP11-359P18.8	--
ENSG00000253322	5.13E-15	-2.63127	1	1 RP11-388G22.1	--
ENSG00000253325	5.13E-15	-2.63127	1	1 IGHV7-34-1	--
ENSG00000253326	5.13E-15	-2.63127	1	1 RP11-261C10.7	--
ENSG00000253329	5.13E-15	-2.63127	1	1 IGLV3-30	--
ENSG00000253331	5.13E-15	-2.63127	1	1 CTC-207P7.1	--
ENSG00000253332	5.13E-15	-2.63127	1	1 KB-1582A10.1	K02936
ENSG00000253333	5.13E-15	-2.63127	1	1 RP11-497H16.8	K01195
ENSG00000253335	5.13E-15	-2.63127	1	1 RP11-420B22.1	--
ENSG00000253336	5.13E-15	-2.63127	1	1 RP11-468O2.1	K12405
ENSG00000253338	5.13E-15	-2.63127	1	1 IGLV3-29	--
ENSG00000253339	5.13E-15	-2.63127	1	1 RP11-434I12.3	--
ENSG00000253340	5.13E-15	-2.63127	1	1 RP11-139G7.1	K18269
ENSG00000253342	5.13E-15	-2.63127	1	1 RP11-219J21.2	--
ENSG00000253343	5.13E-15	-2.63127	1	1 CTD-3023L14.3	--

ENSG00000253344	5.13E-15	-2.63127	1	1 RP11-346L1.2	-
ENSG00000253345	5.13E-15	-2.63127	1	1 IGHVII-22-1	-
ENSG00000253346	5.13E-15	-2.63127	1	1 CTD-3107M8.1	K03123
ENSG00000253348	5.13E-15	-2.63127	1	1 MIR4454	-
ENSG00000253349	5.13E-15	-2.63127	1	1 COX6B1P6	-
ENSG00000253350	5.13E-15	-2.63127	1	1 RP11-127H5.1	K17442
ENSG00000253351	5.13E-15	-2.63127	1	1 KB-1047C11.1	-
ENSG00000253354	5.13E-15	-2.63127	1	1 CTA-392C11.2	-
ENSG00000253355	5.13E-15	-2.63127	1	1 KB-1460A1.2	-
ENSG00000253357	5.13E-15	-2.63127	1	1 CTB-78F1.2	-
ENSG00000253358	5.13E-15	-2.63127	1	1 GS1-251I9.3	-
ENSG00000253359	5.13E-15	-2.63127	1	1 IGHV3-37	-
ENSG00000253361	5.13E-15	-2.63127	1	1 RP11-675F6.3	-
ENSG00000253362	5.13E-15	-2.63127	1	1 RP11-120I21.3	K09290
ENSG00000253363	5.13E-15	-2.63127	1	1 RP11-962G15.1	-
ENSG00000253364	5.13E-15	-2.63127	1	1 RP11-731F5.2	-
ENSG00000253365	5.13E-15	-2.63127	1	1 IGKV1D-22	-
ENSG00000253367	5.13E-15	-2.63127	1	1 IGHVIII-25-1	-
ENSG00000253369	5.13E-15	-2.63127	1	1 RP11-1081M5.1	-
ENSG00000253370	5.13E-15	-2.63127	1	1 CTB-56J15.1	-
ENSG00000253371	5.13E-15	-2.63127	1	1 RP11-587H10.1	-
ENSG00000253372	5.13E-15	-2.63127	1	1 RP11-44N11.1	-
ENSG00000253373	5.13E-15	-2.63127	1	1 RP11-21C17.1	-
ENSG00000253374	5.13E-15	-2.63127	1	1 RP11-257P3.3	-
ENSG00000253376	5.13E-15	-2.63127	1	1 RP11-44D19.1	-
ENSG00000253377	5.13E-15	-2.63127	1	1 RP11-566H8.3	-
ENSG00000253379	5.13E-15	-2.63127	1	1 RP11-1102P16.1	-
ENSG00000253380	5.13E-15	-2.63127	1	1 RP11-738G5.1	-
ENSG00000253381	5.13E-15	-2.63127	1	1 RP11-359E19.1	-
ENSG00000253382	5.13E-15	-2.63127	1	1 POU5F1P2	K09367
ENSG00000253383	5.13E-15	-2.63127	1	1 RP11-116B19.2	K02920
ENSG00000253385	5.13E-15	-2.63127	1	1 KB-1254G8.1	-
ENSG00000253386	5.13E-15	-2.63127	1	1 IGHVII-49-1	-
ENSG00000253387	5.13E-15	-2.63127	1	1 IGHVIII-5-1	-
ENSG00000253388	5.13E-15	-2.63127	1	1 RP11-150O12.2	-
ENSG00000253389	5.13E-15	-2.63127	1	1 RP11-930P14.1	-
ENSG00000253391	5.13E-15	-2.63127	1	1 RP11-758H6.1	-
ENSG00000253393	5.13E-15	-2.63127	1	1 RANP9	-
ENSG00000253394	5.13E-15	-2.63127	1	1 LINC00534	-
ENSG00000253396	5.13E-15	-2.63127	1	1 RP11-15G16.1	-
ENSG00000253399	5.13E-15	-2.63127	1	1 AC078852.2	-
ENSG00000253400	5.13E-15	-2.63127	1	1 RP11-337A23.6	-
ENSG00000253401	5.13E-15	-2.63127	1	1 AF121898.2	K12199
ENSG00000253403	5.13E-15	-2.63127	1	1 RP11-348M17.2	-
ENSG00000253405	5.13E-15	-2.63127	1	1 EVX1-AS	-
ENSG00000253406	5.13E-15	-2.63127	1	1 AC012613.2	-
ENSG00000253407	5.13E-15	-2.63127	1	1 RP11-381I15.1	-
ENSG00000253408	5.13E-15	-2.63127	1	1 RP11-231D20.2	-
ENSG00000253409	5.13E-15	-2.63127	1	1 TRBV7-4	K10785
ENSG00000253410	5.13E-15	-2.63127	1	1 RP11-539E17.3	-
ENSG00000253412	5.13E-15	-2.63127	1	1 IGHVIII-13-1	-
ENSG00000253413	5.13E-15	-2.63127	1	1 RP11-960H2.2	-
ENSG00000253414	5.13E-15	-2.63127	1	1 RP11-150O12.6	-
ENSG00000253415	5.13E-15	-2.63127	1	1 RP11-44N12.4	K13187
ENSG00000253416	5.13E-15	-2.63127	1	1 RP11-48D4.2	-
ENSG00000253417	5.13E-15	-2.63127	1	1 RP11-109J4.1	-
ENSG00000253418	5.13E-15	-2.63127	1	1 SNX18P27	K17923
ENSG00000253420	5.13E-15	-2.63127	1	1 RP11-642D21.2	-

ENSG00000253421	5.13E-15	-2.63127	1	1 ZNHIT1P1	K11663
ENSG00000253422	5.13E-15	-2.63127	1	1 CTB-47B8.4	-
ENSG00000253423	5.13E-15	-2.63127	1	1 RP11-813B8.1	K00387
ENSG00000253424	5.13E-15	-2.63127	1	1 CTC-436K13.3	-
ENSG00000253425	5.13E-15	-2.63127	1	1 HSPA8P13	-
ENSG00000253426	5.13E-15	-2.63127	1	1 RP11-10A14.4	-
ENSG00000253427	5.13E-15	-2.63127	1	1 RP11-103H7.1	-
ENSG00000253428	5.13E-15	-2.63127	1	1 CTB-43E15.2	-
ENSG00000253429	5.13E-15	-2.63127	1	1 KB-1090H4.2	-
ENSG00000253430	5.13E-15	-2.63127	1	1 RP11-14I17.2	-
ENSG00000253431	5.13E-15	-2.63127	1	1 RP11-442A17.2	K08831
ENSG00000253432	5.13E-15	-2.63127	1	1 RP11-324F11.1	-
ENSG00000253434	5.13E-15	-2.63127	1	1 RP11-1101K5.1	-
ENSG00000253435	5.13E-15	-2.63127	1	1 IGKV2-4	-
ENSG00000253437	5.13E-15	-2.63127	1	1 RP11-90P5.4	-
ENSG00000253439	5.13E-15	-2.63127	1	1 CDC42P5	K04393
ENSG00000253440	5.13E-15	-2.63127	1	1 IGHV3-33-2	-
ENSG00000253441	5.13E-15	-2.63127	1	1 IGHV3-25	K06856
ENSG00000253444	5.13E-15	-2.63127	1	1 AC133633.2	-
ENSG00000253445	5.13E-15	-2.63127	1	1 CTB-79E8.2	-
ENSG00000253447	5.13E-15	-2.63127	1	1 RP11-619L12.4	-
ENSG00000253448	5.13E-15	-2.63127	1	1 IGLV3-6	-
ENSG00000253449	5.13E-15	-2.63127	1	1 CTC-436K13.6	-
ENSG00000253451	5.13E-15	-2.63127	1	1 IGLV2-28	K06553
ENSG00000253452	5.13E-15	-2.63127	1	1 RP11-473J6.1	-
ENSG00000253454	5.13E-15	-2.63127	1	1 NDUFA5P2	K03949
ENSG00000253455	5.13E-15	-2.63127	1	1 RP11-770E5.3	-
ENSG00000253458	5.13E-15	-2.63127	1	1 IGHVII-15-1	-
ENSG00000253460	5.13E-15	-2.63127	1	1 IGKV2OR22-3	-
ENSG00000253461	5.13E-15	-2.63127	1	1 IGKV1-35	-
ENSG00000253462	5.13E-15	-2.63127	1	1 IGHVIII-26-1	-
ENSG00000253464	5.13E-15	-2.63127	1	1 IGHV3-29	-
ENSG00000253465	5.13E-15	-2.63127	1	1 IGHVIV-44-1	-
ENSG00000253467	5.13E-15	-2.63127	1	1 IGHV7-40	K06856
ENSG00000253468	5.13E-15	-2.63127	1	1 KB-1517D11.2	K18463
ENSG00000253469	5.13E-15	-2.63127	1	1 CTC-264O10.1	-
ENSG00000253470	5.13E-15	-2.63127	1	1 RP11-697B24.1	-
ENSG00000253471	5.13E-15	-2.63127	1	1 RP11-175E9.1	-
ENSG00000253472	5.13E-15	-2.63127	1	1 CTB-23I7.2	K15164
ENSG00000253474	5.13E-15	-2.63127	1	1 RP11-10H3.1	-
ENSG00000253475	5.13E-15	-2.63127	1	1 RP11-110G21.2	-
ENSG00000253477	5.13E-15	-2.63127	1	1 RP11-1C8.4	-
ENSG00000253479	5.13E-15	-2.63127	1	1 RP11-744J10.3	-
ENSG00000253480	5.13E-15	-2.63127	1	1 RP11-39H3.1	-
ENSG00000253481	5.13E-15	-2.63127	1	1 IGKV1OR22-1	-
ENSG00000253482	5.13E-15	-2.63127	1	1 IGHVII-26-2	K06856
ENSG00000253484	5.13E-15	-2.63127	1	1 RP11-109P6.2	-
ENSG00000253486	5.13E-15	-2.63127	1	1 RP11-726G23.7	-
ENSG00000253487	5.13E-15	-2.63127	1	1 IGKV2-36	-
ENSG00000253488	5.13E-15	-2.63127	1	1 RP11-583M2.2	-
ENSG00000253489	5.13E-15	-2.63127	1	1 RP11-114O8.1	-
ENSG00000253490	5.13E-15	-2.63127	1	1 AC145110.1	-
ENSG00000253491	5.13E-15	-2.63127	1	1 IGHVII-30-1	-
ENSG00000253492	5.13E-15	-2.63127	1	1 CDH12P3	K06804
ENSG00000253493	5.13E-15	-2.63127	1	1 RP11-89A16.1	-
ENSG00000253495	5.13E-15	-2.63127	1	1 RP11-99I9.2	K08738
ENSG00000253496	5.13E-15	-2.63127	1	1 RP11-13N12.1	-
ENSG00000253497	5.13E-15	-2.63127	1	1 IGKV1-13	-

ENSG00000253501	5.13E-15	-2.63127	1	1 IGKV3D-34	-
ENSG00000253502	5.13E-15	-2.63127	1	1 ATP6V1G1P2	K02152
ENSG00000253503	5.13E-15	-2.63127	1	1 RP11-653B10.1	-
ENSG00000253504	5.13E-15	-2.63127	1	1 RP11-593P24.2	K00412
ENSG00000253505	5.13E-15	-2.63127	1	1 CTA-398F10.1	-
ENSG00000253506	5.13E-15	-2.63127	1	1 NACA2	K03626
ENSG00000253507	5.13E-15	-2.63127	1	1 CTD-2501M5.1	-
ENSG00000253509	5.13E-15	-2.63127	1	1 CTD-3080F16.3	-
ENSG00000253510	5.13E-15	-2.63127	1	1 RP5-991O23.1	-
ENSG00000253512	5.13E-15	-2.63127	1	1 CTC-535M15.1	-
ENSG00000253513	5.13E-15	-2.63127	1	1 RP11-6D1.3	-
ENSG00000253517	5.13E-15	-2.63127	1	1 XRCC6P4	K10884
ENSG00000253519	5.13E-15	-2.63127	1	1 AC106801.1	-
ENSG00000253520	5.13E-15	-2.63127	1	1 RP11-798K23.5	-
ENSG00000253521	5.13E-15	-2.63127	1	1 HPYR1	-
ENSG00000253522	5.13E-15	-2.63127	1	1 MIR146A	-
ENSG00000253523	5.13E-15	-2.63127	1	1 RP11-1112C15.2	-
ENSG00000253524	5.13E-15	-2.63127	1	1 RP11-89M20.2	-
ENSG00000253525	5.13E-15	-2.63127	1	1 CTD-2114J12.1	K13624
ENSG00000253526	5.13E-15	-2.63127	1	1 RP11-152P17.3	-
ENSG00000253527	5.13E-15	-2.63127	1	1 CTB-105L4.2	-
ENSG00000253528	5.13E-15	-2.63127	1	1 RP11-347C18.4	-
ENSG00000253530	5.13E-15	-2.63127	1	1 RP11-103H7.3	-
ENSG00000253532	5.13E-15	-2.63127	1	1 CTD-2340D6.1	-
ENSG00000253534	5.13E-15	-2.63127	1	1 TRBV6-8	-
ENSG00000253535	5.13E-15	-2.63127	1	1 RP11-624C23.1	-
ENSG00000253536	5.13E-15	-2.63127	1	1 RP11-1174L13.2	K08764
ENSG00000253538	5.13E-15	-2.63127	1	1 CTB-32P11.1	-
ENSG00000253542	5.13E-15	-2.63127	1	1 SDR16C6P	K09228
ENSG00000253543	5.13E-15	-2.63127	1	1 RP11-89K10.2	K09228
ENSG00000253544	5.13E-15	-2.63127	1	1 RP11-705O24.4	K00731
ENSG00000253545	5.13E-15	-2.63127	1	1 IGHV3-52	K06856
ENSG00000253546	5.13E-15	-2.63127	1	1 IGLVVI-22-1	-
ENSG00000253547	5.13E-15	-2.63127	1	1 RP11-959F10.5	K07374
ENSG00000253548	5.13E-15	-2.63127	1	1 PYDC2	K19409
ENSG00000253549	5.13E-15	-2.63127	1	1 RP11-317J10.2	-
ENSG00000253550	5.13E-15	-2.63127	1	1 RP11-115C21.4	K18532
ENSG00000253551	5.13E-15	-2.63127	1	1 RP11-26M5.2	-
ENSG00000253553	5.13E-15	-2.63127	1	1 RP11-586K2.1	-
ENSG00000253554	5.13E-15	-2.63127	1	1 RP11-32K4.1	-
ENSG00000253555	5.13E-15	-2.63127	1	1 RP11-16E18.1	-
ENSG00000253556	5.13E-15	-2.63127	1	1 KB-1639H6.7	-
ENSG00000253557	5.13E-15	-2.63127	1	1 RP11-1080G15.1	-
ENSG00000253558	5.13E-15	-2.63127	1	1 CTD-2179L22.1	K04079
ENSG00000253560	5.13E-15	-2.63127	1	1 RP11-16P20.2	K06126
ENSG00000253561	5.13E-15	-2.63127	1	1 CTD-2588J1.1	-
ENSG00000253562	5.13E-15	-2.63127	1	1 CTD-2340D6.2	-
ENSG00000253563	5.13E-15	-2.63127	1	1 NKX2-1-AS1	-
ENSG00000253564	5.13E-15	-2.63127	1	1 RP11-956J14.2	K04079
ENSG00000253568	5.13E-15	-2.63127	1	1 RP11-386D6.3	K11426
ENSG00000253569	5.13E-15	-2.63127	1	1 VENTXP5	-
ENSG00000253571	5.13E-15	-2.63127	1	1 RP11-728L1.1	K11317
ENSG00000253572	5.13E-15	-2.63127	1	1 RP11-107N7.1	-
ENSG00000253573	5.13E-15	-2.63127	1	1 RP11-351C8.1	-
ENSG00000253574	5.13E-15	-2.63127	1	1 RP11-284H18.1	-
ENSG00000253576	5.13E-15	-2.63127	1	1 GS1-5L10.1	-
ENSG00000253577	5.13E-15	-2.63127	1	1 RP11-100L22.3	-
ENSG00000253578	5.13E-15	-2.63127	1	1 IGKV1-22	-

ENSG00000253579	5.13E-15	-2.63127	1	1 SUMO2P16	--
ENSG00000253580	5.13E-15	-2.63127	1	1 RP11-790J24.2	--
ENSG00000253581	5.13E-15	-2.63127	1	1 CTD-2272D18.2	--
ENSG00000253583	5.13E-15	-2.63127	1	1 RP11-573J24.1	--
ENSG00000253584	5.13E-15	-2.63127	1	1 CTD-2374C24.1	--
ENSG00000253585	5.13E-15	-2.63127	1	1 KB-1184D12.1	--
ENSG00000253586	5.13E-15	-2.63127	1	1 RP11-723D22.2	--
ENSG00000253587	5.13E-15	-2.63127	1	1 IGHV3-30-2	--
ENSG00000253588	5.13E-15	-2.63127	1	1 IGHVIII-44	--
ENSG00000253590	5.13E-15	-2.63127	1	1 IGLV3-13	--
ENSG00000253591	5.13E-15	-2.63127	1	1 CTC-265N9.1	--
ENSG00000253592	5.13E-15	-2.63127	1	1 IGKV2-38	--
ENSG00000253593	5.13E-15	-2.63127	1	1 RP11-157E21.1	--
ENSG00000253596	5.13E-15	-2.63127	1	1 CTD-2320G14.2	--
ENSG00000253597	5.13E-15	-2.63127	1	1 IGHVII-43-1	--
ENSG00000253600	5.13E-15	-2.63127	1	1 CTC-340A15.1	K02958
ENSG00000253602	5.13E-15	-2.63127	1	1 CTD-3135A9.3	--
ENSG00000253604	5.13E-15	-2.63127	1	1 RP11-489E7.1	--
ENSG00000253605	5.13E-15	-2.63127	1	1 HNRNPA1P38	K12741
ENSG00000253606	5.13E-15	-2.63127	1	1 AFG3L2P1	K08956
ENSG00000253607	5.13E-15	-2.63127	1	1 RP11-557C18.3	--
ENSG00000253610	5.13E-15	-2.63127	1	1 RP11-139F9.1	--
ENSG00000253611	5.13E-15	-2.63127	1	1 VN1R46P	K04614
ENSG00000253612	5.13E-15	-2.63127	1	1 WBP1LP3	--
ENSG00000253613	5.13E-15	-2.63127	1	1 CTC-551A13.2	--
ENSG00000253614	5.13E-15	-2.63127	1	1 RP11-513O17.3	--
ENSG00000253617	5.13E-15	-2.63127	1	1 RP11-443C10.3	--
ENSG00000253619	5.13E-15	-2.63127	1	1 RP11-369K17.1	--
ENSG00000253621	5.13E-15	-2.63127	1	1 RP11-255L13.1	K02998
ENSG00000253622	5.13E-15	-2.63127	1	1 RP11-654G14.1	--
ENSG00000253623	5.13E-15	-2.63127	1	1 RP11-346I3.2	K18532
ENSG00000253625	5.13E-15	-2.63127	1	1 IGKV2-23	--
ENSG00000253627	5.13E-15	-2.63127	1	1 RP11-513H8.1	--
ENSG00000253629	5.13E-15	-2.63127	1	1 KB-1107E3.1	--
ENSG00000253630	5.13E-15	-2.63127	1	1 CTC-370J7.1	--
ENSG00000253631	5.13E-15	-2.63127	1	1 IGLV7-35	--
ENSG00000253632	5.13E-15	-2.63127	1	1 RP11-486M23.1	--
ENSG00000253634	5.13E-15	-2.63127	1	1 RP11-587H10.2	--
ENSG00000253635	5.13E-15	-2.63127	1	1 IGHVIII-67-3	--
ENSG00000253637	5.13E-15	-2.63127	1	1 IGLVV-58	--
ENSG00000253638	5.13E-15	-2.63127	1	1 CTC-369M3.1	--
ENSG00000253639	5.13E-15	-2.63127	1	1 SUMO2P18	K12160
ENSG00000253640	5.13E-15	-2.63127	1	1 CTD-2281E23.1	--
ENSG00000253641	5.13E-15	-2.63127	1	1 RP11-981G7.2	--
ENSG00000253642	5.13E-15	-2.63127	1	1 RP11-317N12.1	--
ENSG00000253643	5.13E-15	-2.63127	1	1 RP11-561E1.1	--
ENSG00000253644	5.13E-15	-2.63127	1	1 KB-1930G5.3	--
ENSG00000253645	5.13E-15	-2.63127	1	1 CTD-2544N14.3	--
ENSG00000253646	5.13E-15	-2.63127	1	1 CTD-2311A18.1	K02934
ENSG00000253647	5.13E-15	-2.63127	1	1 CTD-2270F17.1	--
ENSG00000253648	5.13E-15	-2.63127	1	1 RP11-77B22.2	--
ENSG00000253649	5.13E-15	-2.63127	1	1 PRSS51	--
ENSG00000253650	5.13E-15	-2.63127	1	1 SMARCE1P4	K11651
ENSG00000253651	5.13E-15	-2.63127	1	1 SOD1P3	K04565
ENSG00000253652	5.13E-15	-2.63127	1	1 RP11-798K23.4	--
ENSG00000253653	5.13E-15	-2.63127	1	1 CTC-248O19.1	--
ENSG00000253654	5.13E-15	-2.63127	1	1 CTD-2210A23.1	K01823
ENSG00000253655	5.13E-15	-2.63127	1	1 IGJP1	--

ENSG00000253656	5.13E-15	-2.63127	1	1 KB-1568E2.1	-
ENSG00000253657	5.13E-15	-2.63127	1	1 RP11-25P11.2	K09512
ENSG00000253658	5.13E-15	-2.63127	1	1 RP11-600K15.1	-
ENSG00000253659	5.13E-15	-2.63127	1	1 RP11-1114I9.1	-
ENSG00000253661	5.13E-15	-2.63127	1	1 ZFHX4-AS1	-
ENSG00000253663	5.13E-15	-2.63127	1	1 NPM1P52	K11276
ENSG00000253664	5.13E-15	-2.63127	1	1 RP11-401H2.1	-
ENSG00000253665	5.13E-15	-2.63127	1	1 RP11-359E19.2	-
ENSG00000253668	5.13E-15	-2.63127	1	1 RP11-463C14.1	-
ENSG00000253670	5.13E-15	-2.63127	1	1 RP11-429O2.1	-
ENSG00000253672	5.13E-15	-2.63127	1	1 RP11-536K17.1	-
ENSG00000253673	5.13E-15	-2.63127	1	1 CTC-436K13.1	-
ENSG00000253674	5.13E-15	-2.63127	1	1 IGHVII-78-1	K06856
ENSG00000253675	5.13E-15	-2.63127	1	1 CTD-3118D11.2	-
ENSG00000253677	5.13E-15	-2.63127	1	1 UBE2HP1	K10576
ENSG00000253678	5.13E-15	-2.63127	1	1 RP11-981G7.3	-
ENSG00000253679	5.13E-15	-2.63127	1	1 KB-1410C5.2	-
ENSG00000253680	5.13E-15	-2.63127	1	1 RP11-59O2.1	K03372
ENSG00000253681	5.13E-15	-2.63127	1	1 RP11-115I9.1	-
ENSG00000253682	5.13E-15	-2.63127	1	1 RP11-700E23.2	-
ENSG00000253684	5.13E-15	-2.63127	1	1 RP11-10D7.2	-
ENSG00000253685	5.13E-15	-2.63127	1	1 RP11-593P24.3	-
ENSG00000253687	5.13E-15	-2.63127	1	1 CTC-348L5.1	-
ENSG00000253688	5.13E-15	-2.63127	1	1 RP11-567J20.2	-
ENSG00000253689	5.13E-15	-2.63127	1	1 IGHV3-54	-
ENSG00000253690	5.13E-15	-2.63127	1	1 RP11-380I10.4	-
ENSG00000253691	5.13E-15	-2.63127	1	1 IGKV2OR22-4	-
ENSG00000253692	5.13E-15	-2.63127	1	1 IGHEP1	-
ENSG00000253693	5.13E-15	-2.63127	1	1 CTC-535M15.2	-
ENSG00000253695	5.13E-15	-2.63127	1	1 RP11-177H2.2	-
ENSG00000253696	5.13E-15	-2.63127	1	1 KBTBD11-OT1	-
ENSG00000253697	5.13E-15	-2.63127	1	1 RP11-1081K18.1	K08789
ENSG00000253698	5.13E-15	-2.63127	1	1 RP11-1259L22.1	-
ENSG00000253699	5.13E-15	-2.63127	1	1 CTD-3118D11.3	-
ENSG00000253701	5.13E-15	-2.63127	1	1 AL928768.3	-
ENSG00000253702	5.13E-15	-2.63127	1	1 RP11-567J20.1	-
ENSG00000253703	5.13E-15	-2.63127	1	1 IGHV1-68	-
ENSG00000253705	5.13E-15	-2.63127	1	1 IGHV3-41	K06856
ENSG00000253706	5.13E-15	-2.63127	1	1 RP11-758M4.4	-
ENSG00000253707	5.13E-15	-2.63127	1	1 RP11-726G23.8	-
ENSG00000253709	5.13E-15	-2.63127	1	1 IGHV1-14	-
ENSG00000253711	5.13E-15	-2.63127	1	1 RP11-787D18.1	-
ENSG00000253712	5.13E-15	-2.63127	1	1 RP11-697M17.2	-
ENSG00000253713	5.13E-15	-2.63127	1	1 CTC-264O10.2	-
ENSG00000253714	5.13E-15	-2.63127	1	1 IGHVII-53-1	K06856
ENSG00000253715	5.13E-15	-2.63127	1	1 RP11-706C16.8	-
ENSG00000253717	5.13E-15	-2.63127	1	1 KB-1299A7.2	-
ENSG00000253720	5.13E-15	-2.63127	1	1 RP11-473O4.3	-
ENSG00000253721	5.13E-15	-2.63127	1	1 SUMO2P20	K12160
ENSG00000253722	5.13E-15	-2.63127	1	1 RP11-10N23.4	-
ENSG00000253723	5.13E-15	-2.63127	1	1 RP11-960H2.1	K11415
ENSG00000253725	5.13E-15	-2.63127	1	1 RP11-21I4.2	K14822
ENSG00000253726	5.13E-15	-2.63127	1	1 RP11-313C15.1	-
ENSG00000253728	5.13E-15	-2.63127	1	1 RP11-706C16.5	-
ENSG00000253732	5.13E-15	-2.63127	1	1 IGKV2-19	-
ENSG00000253733	5.13E-15	-2.63127	1	1 LZTS1-AS1	-
ENSG00000253734	5.13E-15	-2.63127	1	1 RP11-579E24.1	-
ENSG00000253735	5.13E-15	-2.63127	1	1 RP11-115J16.3	-

ENSG00000253737	5.13E-15	-2.63127	1	1 KB-1460A1.3	-
ENSG00000253740	5.13E-15	-2.63127	1	1 KB-1083B1.1	-
ENSG00000253741	5.13E-15	-2.63127	1	1 CTD-2292P10.4	-
ENSG00000253742	5.13E-15	-2.63127	1	1 IGHV3-60	K06856
ENSG00000253743	5.13E-15	-2.63127	1	1 MARK2P11	K08798
ENSG00000253744	5.13E-15	-2.63127	1	1 AC025442.3	-
ENSG00000253745	5.13E-15	-2.63127	1	1 RP11-350F16.1	-
ENSG00000253746	5.13E-15	-2.63127	1	1 RP11-527N22.2	-
ENSG00000253747	5.13E-15	-2.63127	1	1 IGHVII-62-1	-
ENSG00000253748	5.13E-15	-2.63127	1	1 CYP4F44P	K17726
ENSG00000253749	5.13E-15	-2.63127	1	1 RP11-700E23.1	-
ENSG00000253750	5.13E-15	-2.63127	1	1 RP11-21C4.4	K03948
ENSG00000253752	5.13E-15	-2.63127	1	1 IGLVI-63	-
ENSG00000253753	5.13E-15	-2.63127	1	1 AC145123.2	-
ENSG00000253755	5.13E-15	-2.63127	1	1 IGHGP	K06856
ENSG00000253756	5.13E-15	-2.63127	1	1 RP11-192P9.1	-
ENSG00000253759	5.13E-15	-2.63127	1	1 IGHV3-57	-
ENSG00000253760	5.13E-15	-2.63127	1	1 RP11-48B3.2	-
ENSG00000253762	5.13E-15	-2.63127	1	1 RP11-579E24.2	-
ENSG00000253763	5.13E-15	-2.63127	1	1 IGHV3-6	K06856
ENSG00000253765	5.13E-15	-2.63127	1	1 IGKV2D-19	-
ENSG00000253766	5.13E-15	-2.63127	1	1 RP11-804N13.1	-
ENSG00000253767	5.13E-15	-2.63127	1	1 PCDHGA8	K16495
ENSG00000253770	5.13E-15	-2.63127	1	1 HMGB1P23	-
ENSG00000253771	5.13E-15	-2.63127	1	1 TPTE2P1	K18079
ENSG00000253772	5.13E-15	-2.63127	1	1 RP11-34P1.1	K14394
ENSG00000253773	5.13E-15	-2.63127	1	1 KB-1047C11.2	-
ENSG00000253775	5.13E-15	-2.63127	1	1 AC100802.3	-
ENSG00000253776	5.13E-15	-2.63127	1	1 RP11-6N13.4	-
ENSG00000253777	5.13E-15	-2.63127	1	1 RP11-758M4.3	-
ENSG00000253778	5.13E-15	-2.63127	1	1 RP11-386D6.2	-
ENSG00000253779	5.13E-15	-2.63127	1	1 IGLVVI-25-1	-
ENSG00000253780	5.13E-15	-2.63127	1	1 IGHVIII-2-1	-
ENSG00000253781	5.13E-15	-2.63127	1	1 ZNF317P1	K09228
ENSG00000253782	5.13E-15	-2.63127	1	1 RP11-350F16.2	-
ENSG00000253783	5.13E-15	-2.63127	1	1 CTD-2534J5.1	-
ENSG00000253784	5.13E-15	-2.63127	1	1 RP11-1145L24.1	-
ENSG00000253786	5.13E-15	-2.63127	1	1 IGLV3-15	-
ENSG00000253787	5.13E-15	-2.63127	1	1 RP11-404L6.2	K08857
ENSG00000253789	5.13E-15	-2.63127	1	1 CTD-2571E19.1	K01893
ENSG00000253790	5.13E-15	-2.63127	1	1 RP11-44K6.5	-
ENSG00000253792	5.13E-15	-2.63127	1	1 CTC-436K13.5	-
ENSG00000253793	5.13E-15	-2.63127	1	1 RP11-293D9.2	K13514
ENSG00000253794	5.13E-15	-2.63127	1	1 IGLV10-67	-
ENSG00000253795	5.13E-15	-2.63127	1	1 MTND1P5	-
ENSG00000253798	5.13E-15	-2.63127	1	1 AC008694.3	-
ENSG00000253799	5.13E-15	-2.63127	1	1 LINC01030	-
ENSG00000253800	5.13E-15	-2.63127	1	1 RP11-21C4.5	-
ENSG00000253801	5.13E-15	-2.63127	1	1 CTD-2060F24.1	K09535
ENSG00000253803	5.13E-15	-2.63127	1	1 RP11-101E19.7	K09228
ENSG00000253805	5.13E-15	-2.63127	1	1 RP11-1049H7.2	-
ENSG00000253806	5.13E-15	-2.63127	1	1 CTD-2292P10.2	-
ENSG00000253807	5.13E-15	-2.63127	1	1 LINC01170	-
ENSG00000253809	5.13E-15	-2.63127	1	1 RP1-149L1.1	-
ENSG00000253810	5.13E-15	-2.63127	1	1 PSAT1P1	K00831
ENSG00000253811	5.13E-15	-2.63127	1	1 CTD-2363C16.1	-
ENSG00000253813	5.13E-15	-2.63127	1	1 COX6B1P4	K02267
ENSG00000253814	5.13E-15	-2.63127	1	1 MRPS36P3	K17414

ENSG00000253816	5.13E-15	-2.63127	1	1 RP11-1415C14.3	K01195
ENSG00000253817	5.13E-15	-2.63127	1	1 RP11-1134I14.6	K06553
ENSG00000253818	5.13E-15	-2.63127	1	1 IGLV1-41	--
ENSG00000253820	5.13E-15	-2.63127	1	1 IGHVII-67-1	--
ENSG00000253821	5.13E-15	-2.63127	1	1 RP11-246K15.1	--
ENSG00000253822	5.13E-15	-2.63127	1	1 IGLV3-24	--
ENSG00000253823	5.13E-15	-2.63127	1	1 IGLV1-62	--
ENSG00000253825	5.13E-15	-2.63127	1	1 RP11-96A1.5	--
ENSG00000253826	5.13E-15	-2.63127	1	1 RP11-304M2.1	--
ENSG00000253828	5.13E-15	-2.63127	1	1 MTND1P7	--
ENSG00000253829	5.13E-15	-2.63127	1	1 RP11-723D22.3	--
ENSG00000253831	5.13E-15	-2.63127	1	1 ETV3L	K09433
ENSG00000253834	5.13E-15	-2.63127	1	1 RP11-705O24.3	--
ENSG00000253836	5.13E-15	-2.63127	1	1 RP11-731N10.1	--
ENSG00000253838	5.13E-15	-2.63127	1	1 RP11-44K6.2	--
ENSG00000253839	5.13E-15	-2.63127	1	1 RP11-431D12.1	--
ENSG00000253840	5.13E-15	-2.63127	1	1 RP11-767C6.1	--
ENSG00000253841	5.13E-15	-2.63127	1	1 RP11-622O11.5	--
ENSG00000253842	5.13E-15	-2.63127	1	1 KB-173C10.1	--
ENSG00000253843	5.13E-15	-2.63127	1	1 RP11-769N21.2	--
ENSG00000253845	5.13E-15	-2.63127	1	1 RP11-643N23.2	K10408
ENSG00000253849	5.13E-15	-2.63127	1	1 RP11-759A9.1	--
ENSG00000253851	5.13E-15	-2.63127	1	1 RP11-318M2.3	--
ENSG00000253852	5.13E-15	-2.63127	1	1 CTB-140J7.2	--
ENSG00000253853	5.13E-15	-2.63127	1	1 GS1-57L11.1	--
ENSG00000253855	5.13E-15	-2.63127	1	1 AC133633.1	--
ENSG00000253857	5.13E-15	-2.63127	1	1 RP11-386G21.2	--
ENSG00000253858	5.13E-15	-2.63127	1	1 CTB-147C13.1	--
ENSG00000253859	5.13E-15	-2.63127	1	1 RP11-157I4.4	--
ENSG00000253860	5.13E-15	-2.63127	1	1 IGKV3-34	--
ENSG00000253861	5.13E-15	-2.63127	1	1 SLC2A3P1	K08142
ENSG00000253862	5.13E-15	-2.63127	1	1 IGHVIII-47-1	--
ENSG00000253864	5.13E-15	-2.63127	1	1 AC131025.8	--
ENSG00000253866	5.13E-15	-2.63127	1	1 TME97P2	--
ENSG00000253868	5.13E-15	-2.63127	1	1 FER1L6-AS2	--
ENSG00000253869	5.13E-15	-2.63127	1	1 PIGFP1	K05287
ENSG00000253870	5.13E-15	-2.63127	1	1 IGKV1-32	--
ENSG00000253871	5.13E-15	-2.63127	1	1 RP11-756K15.2	--
ENSG00000253872	5.13E-15	-2.63127	1	1 RP11-90D11.1	--
ENSG00000253873	5.13E-15	-2.63127	1	1 PCDHGA11	K16495
ENSG00000253874	5.13E-15	-2.63127	1	1 IGLVIV-66-1	--
ENSG00000253875	5.13E-15	-2.63127	1	1 RP11-16P20.3	--
ENSG00000253877	5.13E-15	-2.63127	1	1 RP11-946L20.2	--
ENSG00000253879	5.13E-15	-2.63127	1	1 RP11-379I19.3	--
ENSG00000253880	5.13E-15	-2.63127	1	1 RP11-124B13.1	--
ENSG00000253881	5.13E-15	-2.63127	1	1 RP11-52B19.8	K04257
ENSG00000253883	5.13E-15	-2.63127	1	1 IGHV3-19	K06856
ENSG00000253884	5.13E-15	-2.63127	1	1 RP11-726G23.2	--
ENSG00000253885	5.13E-15	-2.63127	1	1 ARF1P3	--
ENSG00000253886	5.13E-15	-2.63127	1	1 CTB-158E9.2	K12185
ENSG00000253887	5.13E-15	-2.63127	1	1 RP11-10A14.7	--
ENSG00000253888	5.13E-15	-2.63127	1	1 RP11-521M14.1	--
ENSG00000253889	5.13E-15	-2.63127	1	1 IGLVI-38	--
ENSG00000253891	5.13E-15	-2.63127	1	1 RP11-203E8.1	--
ENSG00000253894	5.13E-15	-2.63127	1	1 RP11-45K10.2	--
ENSG00000253895	5.13E-15	-2.63127	1	1 IGHVII-44-2	--
ENSG00000253896	5.13E-15	-2.63127	1	1 AC144568.2	--
ENSG00000253897	5.13E-15	-2.63127	1	1 CTB-23I7.1	K14209

ENSG00000253900	5.13E-15	-2.63127	1	1 CDH12P4	K06804
ENSG00000253901	5.13E-15	-2.63127	1	1 RP11-122C21.1	-
ENSG00000253903	5.13E-15	-2.63127	1	1 RP11-521M14.2	-
ENSG00000253906	5.13E-15	-2.63127	1	1 IGKV2D-10	-
ENSG00000253907	5.13E-15	-2.63127	1	1 RP11-380I10.3	-
ENSG00000253912	5.13E-15	-2.63127	1	1 RP11-402L5.2	-
ENSG00000253913	5.13E-15	-2.63127	1	1 IGLV3-26	-
ENSG00000253915	5.13E-15	-2.63127	1	1 MAPRE1P1	K10436
ENSG00000253916	5.13E-15	-2.63127	1	1 CTD-2309H9.2	K02256
ENSG00000253920	5.13E-15	-2.63127	1	1 IGLV3-31	-
ENSG00000253923	5.13E-15	-2.63127	1	1 KB-1980E6.2	K04613
ENSG00000253924	5.13E-15	-2.63127	1	1 RP11-1023P17.2	-
ENSG00000253925	5.13E-15	-2.63127	1	1 CTB-178M22.1	-
ENSG00000253926	5.13E-15	-2.63127	1	1 RP11-26E5.1	-
ENSG00000253927	5.13E-15	-2.63127	1	1 GS1-39E22.1	-
ENSG00000253929	5.13E-15	-2.63127	1	1 RP11-382A18.2	-
ENSG00000253932	5.13E-15	-2.63127	1	1 RP11-10C8.2	-
ENSG00000253934	5.13E-15	-2.63127	1	1 MRPL49P2	K17430
ENSG00000253935	5.13E-15	-2.63127	1	1 IGLVIV-53	-
ENSG00000253936	5.13E-15	-2.63127	1	1 IGHV3-63	K06856
ENSG00000253937	5.13E-15	-2.63127	1	1 NATP	-
ENSG00000253939	5.13E-15	-2.63127	1	1 RP11-44K6.3	-
ENSG00000253940	5.13E-15	-2.63127	1	1 CTD-2127O16.2	-
ENSG00000253941	5.13E-15	-2.63127	1	1 IGHVII-51-2	-
ENSG00000253942	5.13E-15	-2.63127	1	1 KB-1410C5.1	-
ENSG00000253943	5.13E-15	-2.63127	1	1 KRT18P37	K07604
ENSG00000253945	5.13E-15	-2.63127	1	1 RP11-328L11.1	K02929
ENSG00000253946	5.13E-15	-2.63127	1	1 CTC-425K20.1	K02889
ENSG00000253947	5.13E-15	-2.63127	1	1 CTB-77H17.1	-
ENSG00000253949	5.13E-15	-2.63127	1	1 RP11-790J24.1	-
ENSG00000253951	5.13E-15	-2.63127	1	1 RP11-447G11.1	-
ENSG00000253952	5.13E-15	-2.63127	1	1 HIGD1AP18	-
ENSG00000253953	5.13E-15	-2.63127	1	1 PCDHGB4	K16496
ENSG00000253955	5.13E-15	-2.63127	1	1 CTB-33O18.3	-
ENSG00000253956	5.13E-15	-2.63127	1	1 RP11-211F2.1	-
ENSG00000253957	5.13E-15	-2.63127	1	1 IGHV3-22	K06856
ENSG00000253959	5.13E-15	-2.63127	1	1 CTB-43E15.1	-
ENSG00000253960	5.13E-15	-2.63127	1	1 RP11-388K12.1	-
ENSG00000253961	5.13E-15	-2.63127	1	1 RP11-363L24.3	-
ENSG00000253963	5.13E-15	-2.63127	1	1 IGLV3-2	-
ENSG00000253964	5.13E-15	-2.63127	1	1 RPL31P40	K02910
ENSG00000253967	5.13E-15	-2.63127	1	1 RP11-333A23.4	-
ENSG00000253968	5.13E-15	-2.63127	1	1 CTB-32H22.1	-
ENSG00000253970	5.13E-15	-2.63127	1	1 MTND2P7	-
ENSG00000253973	5.13E-15	-2.63127	1	1 RP11-467K18.2	-
ENSG00000253974	5.13E-15	-2.63127	1	1 NRG1-IT1	-
ENSG00000253975	5.13E-15	-2.63127	1	1 RP11-577N1.2	K04552
ENSG00000253976	5.13E-15	-2.63127	1	1 RP11-386G21.1	-
ENSG00000253977	5.13E-15	-2.63127	1	1 KB-1639H6.8	-
ENSG00000253979	5.13E-15	-2.63127	1	1 RP11-443C10.2	-
ENSG00000253980	5.13E-15	-2.63127	1	1 CTB-4E7.1	-
ENSG00000253985	5.13E-15	-2.63127	1	1 RP11-136K7.3	-
ENSG00000253988	5.13E-15	-2.63127	1	1 RP11-489O18.1	-
ENSG00000253989	5.13E-15	-2.63127	1	1 IGHVIII-38-1	-
ENSG00000253991	5.13E-15	-2.63127	1	1 KB-1562D12.2	K18732
ENSG00000253992	5.13E-15	-2.63127	1	1 RP11-737F9.1	-
ENSG00000253993	5.13E-15	-2.63127	1	1 RP11-451O18.1	K17264
ENSG00000253994	5.13E-15	-2.63127	1	1 KB-1299A7.1	K03965

ENSG00000253995	5.13E-15	-2.63127	1	1 RP11-10D7.5	K02866
ENSG00000253996	5.13E-15	-2.63127	1	1 IGHVII-20-1	K12581
ENSG00000253997	5.13E-15	-2.63127	1	1 RP11-200A13.3	-
ENSG00000253998	5.13E-15	-2.63127	1	1 IGKV2-29	-
ENSG00000253999	5.13E-15	-2.63127	1	1 IGKV3D-31	-
ENSG00000254000	5.13E-15	-2.63127	1	1 RP11-245A18.1	-
ENSG00000254001	5.13E-15	-2.63127	1	1 RP11-91P17.1	-
ENSG00000254002	5.13E-15	-2.63127	1	1 RP11-213G6.2	-
ENSG00000254006	5.13E-15	-2.63127	1	1 RP11-1D12.2	-
ENSG00000254007	5.13E-15	-2.63127	1	1 RP11-281H11.1	-
ENSG00000254008	5.13E-15	-2.63127	1	1 LINC00051	-
ENSG00000254009	5.13E-15	-2.63127	1	1 IGKV2D-38	-
ENSG00000254010	5.13E-15	-2.63127	1	1 RP11-103H7.5	-
ENSG00000254011	5.13E-15	-2.63127	1	1 CTC-229L21.1	-
ENSG00000254012	5.13E-15	-2.63127	1	1 RP11-546B8.5	K02866
ENSG00000254013	5.13E-15	-2.63127	1	1 MAP2K1P1	K04368
ENSG00000254014	5.13E-15	-2.63127	1	1 RP11-363E6.1	K02880
ENSG00000254015	5.13E-15	-2.63127	1	1 CTD-2547L16.2	-
ENSG00000254017	5.13E-15	-2.63127	1	1 IGHEP2	-
ENSG00000254018	5.13E-15	-2.63127	1	1 RP11-785H20.1	-
ENSG00000254019	5.13E-15	-2.63127	1	1 RP11-10J21.3	-
ENSG00000254020	5.13E-15	-2.63127	1	1 RP11-100L22.4	-
ENSG00000254021	5.13E-15	-2.63127	1	1 RP11-778D12.2	-
ENSG00000254023	5.13E-15	-2.63127	1	1 PKMP4	K00873
ENSG00000254024	5.13E-15	-2.63127	1	1 KB-1562D12.1	-
ENSG00000254025	5.13E-15	-2.63127	1	1 RP11-119N19.1	K14820
ENSG00000254026	5.13E-15	-2.63127	1	1 RP11-369E15.2	-
ENSG00000254027	5.13E-15	-2.63127	1	1 RP11-363E6.3	-
ENSG00000254029	5.13E-15	-2.63127	1	1 IGLC4	K06554
ENSG00000254030	5.13E-15	-2.63127	1	1 IGLC5	K06554
ENSG00000254031	5.13E-15	-2.63127	1	1 RP11-326E22.1	-
ENSG00000254033	5.13E-15	-2.63127	1	1 RP11-431M3.2	-
ENSG00000254035	5.13E-15	-2.63127	1	1 RP11-281O15.4	-
ENSG00000254036	5.13E-15	-2.63127	1	1 IGHVIII-67-2	-
ENSG00000254037	5.13E-15	-2.63127	1	1 RP11-775B15.3	-
ENSG00000254040	5.13E-15	-2.63127	1	1 RP11-421P23.2	-
ENSG00000254041	5.13E-15	-2.63127	1	1 RP11-574O7.1	-
ENSG00000254042	5.13E-15	-2.63127	1	1 CTC-558O2.1	-
ENSG00000254043	5.13E-15	-2.63127	1	1 RP11-3N13.2	-
ENSG00000254044	5.13E-15	-2.63127	1	1 RP11-681L8.1	-
ENSG00000254045	5.13E-15	-2.63127	1	1 IGHVIII-22-2	-
ENSG00000254046	5.13E-15	-2.63127	1	1 IGHV1-17	-
ENSG00000254047	5.13E-15	-2.63127	1	1 CTC-436K13.4	K03648
ENSG00000254048	5.13E-15	-2.63127	1	1 RP11-328K2.1	-
ENSG00000254049	5.13E-15	-2.63127	1	1 NRG1-IT3	-
ENSG00000254050	5.13E-15	-2.63127	1	1 RP11-577N1.1	-
ENSG00000254051	5.13E-15	-2.63127	1	1 RP11-403D15.1	K03943
ENSG00000254052	5.13E-15	-2.63127	1	1 IGHVIII-67-4	-
ENSG00000254053	5.13E-15	-2.63127	1	1 IGHVIII-5-2	-
ENSG00000254054	5.13E-15	-2.63127	1	1 RP11-156K13.3	-
ENSG00000254055	5.13E-15	-2.63127	1	1 RP11-17A4.4	-
ENSG00000254056	5.13E-15	-2.63127	1	1 IGHV3-71	K06856
ENSG00000254057	5.13E-15	-2.63127	1	1 RP3-388N13.3	-
ENSG00000254060	5.13E-15	-2.63127	1	1 RP11-172E10.1	-
ENSG00000254061	5.13E-15	-2.63127	1	1 RP11-359B20.1	K13187
ENSG00000254065	5.13E-15	-2.63127	1	1 RP11-697N18.2	K10580
ENSG00000254066	5.13E-15	-2.63127	1	1 CTB-181F24.1	-
ENSG00000254067	5.13E-15	-2.63127	1	1 RP11-122L4.1	-

ENSG00000254069	5.13E-15	-2.63127	1	1 RP11-359P18.7	K17299
ENSG00000254070	5.13E-15	-2.63127	1	1 RP11-790L1.3	-
ENSG00000254073	5.13E-15	-2.63127	1	1 IGLVVII-41-1	-
ENSG00000254075	5.13E-15	-2.63127	1	1 IGLVV-66	-
ENSG00000254076	5.13E-15	-2.63127	1	1 CTD-3145H4.1	-
ENSG00000254077	5.13E-15	-2.63127	1	1 IGLV3-7	-
ENSG00000254079	5.13E-15	-2.63127	1	1 RP11-31K23.1	K12892
ENSG00000254080	5.13E-15	-2.63127	1	1 RP11-730G20.1	-
ENSG00000254081	5.13E-15	-2.63127	1	1 CTD-3025N20.2	-
ENSG00000254082	5.13E-15	-2.63127	1	1 CTD-2024D23.1	-
ENSG00000254083	5.13E-15	-2.63127	1	1 RP11-452N4.1	-
ENSG00000254086	5.13E-15	-2.63127	1	1 RP11-94H18.2	-
ENSG00000254089	5.13E-15	-2.63127	1	1 RP11-388K12.2	-
ENSG00000254090	5.13E-15	-2.63127	1	1 MTND2P32	K03879
ENSG00000254091	5.13E-15	-2.63127	1	1 RP11-10A14.8	-
ENSG00000254092	5.13E-15	-2.63127	1	1 RP11-369E15.3	-
ENSG00000254094	5.13E-15	-2.63127	1	1 AC078852.1	-
ENSG00000254095	5.13E-15	-2.63127	1	1 RP11-566H8.2	-
ENSG00000254097	5.13E-15	-2.63127	1	1 IGKV3D-25	-
ENSG00000254098	5.13E-15	-2.63127	1	1 IGKV2-26	-
ENSG00000254099	5.13E-15	-2.63127	1	1 AC005740.5	-
ENSG00000254100	5.13E-15	-2.63127	1	1 RP11-675F6.4	-
ENSG00000254102	5.13E-15	-2.63127	1	1 RP11-21C4.1	-
ENSG00000254103	5.13E-15	-2.63127	1	1 RP11-114M5.3	K03767
ENSG00000254104	5.13E-15	-2.63127	1	1 RP11-63E5.1	-
ENSG00000254105	5.13E-15	-2.63127	1	1 VENTXP6	-
ENSG00000254106	5.13E-15	-2.63127	1	1 AC011366.3	K15637
ENSG00000254111	5.13E-15	-2.63127	1	1 RP11-150O12.5	-
ENSG00000254112	5.13E-15	-2.63127	1	1 KB-1205A7.1	K02131
ENSG00000254113	5.13E-15	-2.63127	1	1 RP11-174I12.2	-
ENSG00000254114	5.13E-15	-2.63127	1	1 HMGN1P28	K11299
ENSG00000254115	5.13E-15	-2.63127	1	1 RP11-386D6.1	-
ENSG00000254117	5.13E-15	-2.63127	1	1 IGHV2-10	-
ENSG00000254118	5.13E-15	-2.63127	1	1 RP11-101E19.4	K00412
ENSG00000254123	5.13E-15	-2.63127	1	1 RP11-99H20.1	-
ENSG00000254124	5.13E-15	-2.63127	1	1 EEF1A1P37	-
ENSG00000254126	5.13E-15	-2.63127	1	1 CD8BP	K06459
ENSG00000254127	5.13E-15	-2.63127	1	1 IGLCOR22-1	K06554
ENSG00000254129	5.13E-15	-2.63127	1	1 CTD-2647L4.1	-
ENSG00000254130	5.13E-15	-2.63127	1	1 CTB-7E3.1	-
ENSG00000254131	5.13E-15	-2.63127	1	1 RP11-1007J8.1	K17108
ENSG00000254132	5.13E-15	-2.63127	1	1 MTND6P3	K03884
ENSG00000254133	5.13E-15	-2.63127	1	1 RP11-1198D22.3	-
ENSG00000254134	5.13E-15	-2.63127	1	1 IGHVII-74-1	-
ENSG00000254135	5.13E-15	-2.63127	1	1 RP11-32D16.1	-
ENSG00000254136	5.13E-15	-2.63127	1	1 RP11-546K22.2	-
ENSG00000254138	5.13E-15	-2.63127	1	1 RP11-152K4.2	-
ENSG00000254139	5.13E-15	-2.63127	1	1 CTD-2339F6.1	-
ENSG00000254140	5.13E-15	-2.63127	1	1 RP11-731F5.1	-
ENSG00000254141	5.13E-15	-2.63127	1	1 RP11-642D21.1	-
ENSG00000254144	5.13E-15	-2.63127	1	1 7SK	-
ENSG00000254145	5.13E-15	-2.63127	1	1 RP11-359P18.5	-
ENSG00000254146	5.13E-15	-2.63127	1	1 HMGB1P46	K15413
ENSG00000254148	5.13E-15	-2.63127	1	1 RP11-84E24.2	-
ENSG00000254150	5.13E-15	-2.63127	1	1 RP11-379I19.2	K03574
ENSG00000254151	5.13E-15	-2.63127	1	1 NIPA2P4	-
ENSG00000254152	5.13E-15	-2.63127	1	1 CTD-3107M8.2	K03767
ENSG00000254153	5.13E-15	-2.63127	1	1 CTA-398F10.2	-

ENSG00000254154	5.13E-15	-2.63127	1	1 RP4-798P15.3	--
ENSG00000254156	5.13E-15	-2.63127	1	1 MTND6P20	--
ENSG00000254157	5.13E-15	-2.63127	1	1 IGKV2-18	--
ENSG00000254158	5.13E-15	-2.63127	1	1 RP11-281O15.5	K10261
ENSG00000254160	5.13E-15	-2.63127	1	1 CTD-2281E23.3	--
ENSG00000254161	5.13E-15	-2.63127	1	1 IGLVIV-65	K06553
ENSG00000254163	5.13E-15	-2.63127	1	1 CTC-340I23.2	--
ENSG00000254164	5.13E-15	-2.63127	1	1 CTB-33O18.2	--
ENSG00000254167	5.13E-15	-2.63127	1	1 IGHVIII-51-1	--
ENSG00000254170	5.13E-15	-2.63127	1	1 CTD-2073O6.1	K02984
ENSG00000254171	5.13E-15	-2.63127	1	1 RP11-67M9.1	--
ENSG00000254172	5.13E-15	-2.63127	1	1 RNU5A-3P	--
ENSG00000254173	5.13E-15	-2.63127	1	1 RP11-96G10.1	--
ENSG00000254174	5.13E-15	-2.63127	1	1 IGHV1-12	--
ENSG00000254175	5.13E-15	-2.63127	1	1 IGLVI-42	--
ENSG00000254176	5.13E-15	-2.63127	1	1 IGHV3-75	--
ENSG00000254177	5.13E-15	-2.63127	1	1 RP11-1149M10.1	--
ENSG00000254178	5.13E-15	-2.63127	1	1 RP11-299D14.2	--
ENSG00000254180	5.13E-15	-2.63127	1	1 AB015752.3	--
ENSG00000254181	5.13E-15	-2.63127	1	1 SLC25A51P3	--
ENSG00000254182	5.13E-15	-2.63127	1	1 RP11-68L18.2	--
ENSG00000254183	5.13E-15	-2.63127	1	1 RP11-953B20.2	K09528
ENSG00000254185	5.13E-15	-2.63127	1	1 RP11-419L20.2	K06855
ENSG00000254186	5.13E-15	-2.63127	1	1 RP11-167P20.1	--
ENSG00000254187	5.13E-15	-2.63127	1	1 CTB-78F1.1	--
ENSG00000254189	5.13E-15	-2.63127	1	1 RP11-296C13.1	--
ENSG00000254190	5.13E-15	-2.63127	1	1 RP11-267M23.5	K08789
ENSG00000254192	5.13E-15	-2.63127	1	1 CTC-558O2.2	--
ENSG00000254193	5.13E-15	-2.63127	1	1 RP11-585F1.8	K08789
ENSG00000254194	5.13E-15	-2.63127	1	1 RP1-273G13.3	--
ENSG00000254195	5.13E-15	-2.63127	1	1 TPM3P3	K09290
ENSG00000254199	5.13E-15	-2.63127	1	1 AC008691.1	--
ENSG00000254200	5.13E-15	-2.63127	1	1 RPL7AP33	K02936
ENSG00000254201	5.13E-15	-2.63127	1	1 RP11-618M23.2	--
ENSG00000254202	5.13E-15	-2.63127	1	1 RP11-120I21.2	--
ENSG00000254203	5.13E-15	-2.63127	1	1 IGHVII-33-1	--
ENSG00000254204	5.13E-15	-2.63127	1	1 RP11-400K9.3	--
ENSG00000254205	5.13E-15	-2.63127	1	1 RP11-92K15.1	--
ENSG00000254208	5.13E-15	-2.63127	1	1 RP11-219B4.3	--
ENSG00000254209	5.13E-15	-2.63127	1	1 RP11-3G20.1	--
ENSG00000254210	5.13E-15	-2.63127	1	1 IGHVIII-16-1	--
ENSG00000254211	5.13E-15	-2.63127	1	1 CTB-43E15.4	--
ENSG00000254212	5.13E-15	-2.63127	1	1 RP11-98H4.4	K02365
ENSG00000254213	5.13E-15	-2.63127	1	1 RP11-434I12.5	--
ENSG00000254214	5.13E-15	-2.63127	1	1 IGHVII-28-1	--
ENSG00000254215	5.13E-15	-2.63127	1	1 IGHVIII-11-1	--
ENSG00000254216	5.13E-15	-2.63127	1	1 RP11-140I16.2	--
ENSG00000254219	5.13E-15	-2.63127	1	1 GS1-251I9.2	--
ENSG00000254220	5.13E-15	-2.63127	1	1 IGKV2D-18	--
ENSG00000254221	5.13E-15	-2.63127	1	1 PCDHGB1	K16496
ENSG00000254222	5.13E-15	-2.63127	1	1 RP11-787D18.2	--
ENSG00000254223	5.13E-15	-2.63127	1	1 RP11-419K12.1	--
ENSG00000254224	5.13E-15	-2.63127	1	1 KB-1043D8.6	--
ENSG00000254225	5.13E-15	-2.63127	1	1 RP11-11C20.1	K01527
ENSG00000254227	5.13E-15	-2.63127	1	1 RP11-622O11.4	--
ENSG00000254228	5.13E-15	-2.63127	1	1 IGHV3-42	K06856
ENSG00000254229	5.13E-15	-2.63127	1	1 FAM90A12P	--
ENSG00000254230	5.13E-15	-2.63127	1	1 RP11-582J16.3	--

ENSG00000254233	5.13E-15	-2.63127	1	1 RP11-242J7.1	--
ENSG00000254235	5.13E-15	-2.63127	1	1 RP11-115J16.1	--
ENSG00000254236	5.13E-15	-2.63127	1	1 KB-1639H6.2	--
ENSG00000254237	5.13E-15	-2.63127	1	1 RP11-115J16.2	--
ENSG00000254238	5.13E-15	-2.63127	1	1 RP11-300E4.2	--
ENSG00000254239	5.13E-15	-2.63127	1	1 GS1-39E22.2	--
ENSG00000254240	5.13E-15	-2.63127	1	1 IGLVI-20	--
ENSG00000254241	5.13E-15	-2.63127	1	1 RP11-946L20.1	K02256
ENSG00000254242	5.13E-15	-2.63127	1	1 RP11-1080G15.2	--
ENSG00000254245	5.13E-15	-2.63127	1	1 PCDHGA3	K16495
ENSG00000254246	5.13E-15	-2.63127	1	1 CTB-120L21.1	--
ENSG00000254247	5.13E-15	-2.63127	1	1 RP11-278I4.1	--
ENSG00000254248	5.13E-15	-2.63127	1	1 RP11-320N21.2	--
ENSG00000254249	5.13E-15	-2.63127	1	1 RP11-959I15.4	--
ENSG00000254251	5.13E-15	-2.63127	1	1 RP11-662G23.1	--
ENSG00000254252	5.13E-15	-2.63127	1	1 RPL7P20	K02937
ENSG00000254253	5.13E-15	-2.63127	1	1 RP11-343B22.2	K03626
ENSG00000254255	5.13E-15	-2.63127	1	1 CTD-2008O4.1	--
ENSG00000254256	5.13E-15	-2.63127	1	1 RP11-117L6.1	K02998
ENSG00000254258	5.13E-15	-2.63127	1	1 RP11-398H6.1	--
ENSG00000254260	5.13E-15	-2.63127	1	1 RP11-369E15.1	--
ENSG00000254261	5.13E-15	-2.63127	1	1 RP11-18A15.1	--
ENSG00000254262	5.13E-15	-2.63127	1	1 RP11-58O3.2	--
ENSG00000254263	5.13E-15	-2.63127	1	1 RP11-473O4.4	--
ENSG00000254264	5.13E-15	-2.63127	1	1 IGKV3OR22-2	--
ENSG00000254265	5.13E-15	-2.63127	1	1 CTD-2336O2.2	K02310
ENSG00000254266	5.13E-15	-2.63127	1	1 RP11-594N15.2	--
ENSG00000254268	5.13E-15	-2.63127	1	1 RFPL4AP7	--
ENSG00000254269	5.13E-15	-2.63127	1	1 CTD-2281E23.2	--
ENSG00000254270	5.13E-15	-2.63127	1	1 ERHP1	--
ENSG00000254271	5.13E-15	-2.63127	1	1 RP11-131N11.4	--
ENSG00000254272	5.13E-15	-2.63127	1	1 RP11-382J24.2	K01527
ENSG00000254276	5.13E-15	-2.63127	1	1 RP11-1198D22.2	--
ENSG00000254277	5.13E-15	-2.63127	1	1 RP11-1144P22.1	--
ENSG00000254278	5.13E-15	-2.63127	1	1 RP11-278I4.2	--
ENSG00000254279	5.13E-15	-2.63127	1	1 IGHVII-1-1	--
ENSG00000254281	5.13E-15	-2.63127	1	1 KB-1507C5.4	--
ENSG00000254283	5.13E-15	-2.63127	1	1 RP11-267M23.7	K02130
ENSG00000254284	5.13E-15	-2.63127	1	1 IGHV3-79	K06856
ENSG00000254287	5.13E-15	-2.63127	1	1 RP11-44K6.4	--
ENSG00000254288	5.13E-15	-2.63127	1	1 RP11-6I2.3	--
ENSG00000254289	5.13E-15	-2.63127	1	1 IGHV3-32	--
ENSG00000254291	5.13E-15	-2.63127	1	1 RP11-10J21.6	--
ENSG00000254292	5.13E-15	-2.63127	1	1 IGKV2D-14	--
ENSG00000254293	5.13E-15	-2.63127	1	1 CTB-158E9.1	--
ENSG00000254295	5.13E-15	-2.63127	1	1 CTC-308K20.2	--
ENSG00000254297	5.13E-15	-2.63127	1	1 CTC-286N12.1	--
ENSG00000254298	5.13E-15	-2.63127	1	1 CTB-17P3.4	--
ENSG00000254299	5.13E-15	-2.63127	1	1 CTB-54I1.1	--
ENSG00000254302	5.13E-15	-2.63127	1	1 RP11-431M3.1	--
ENSG00000254303	5.13E-15	-2.63127	1	1 RP11-398G24.2	--
ENSG00000254305	5.13E-15	-2.63127	1	1 MRPL9P1	K02939
ENSG00000254306	5.13E-15	-2.63127	1	1 RP11-150O12.4	--
ENSG00000254307	5.13E-15	-2.63127	1	1 KB-1608C10.2	--
ENSG00000254308	5.13E-15	-2.63127	1	1 IGLVIV-59	--
ENSG00000254309	5.13E-15	-2.63127	1	1 RP11-89M20.1	K18932
ENSG00000254310	5.13E-15	-2.63127	1	1 CTD-2045M21.1	--
ENSG00000254311	5.13E-15	-2.63127	1	1 RP11-52B19.7	K11095

ENSG00000254312	5.13E-15	-2.63127	1	1 MRP63P7	-
ENSG00000254313	5.13E-15	-2.63127	1	1 CTD-2309H9.4	K00940
ENSG00000254314	5.13E-15	-2.63127	1	1 RP11-26M5.3	-
ENSG00000254315	5.13E-15	-2.63127	1	1 RP11-267M23.3	-
ENSG00000254316	5.13E-15	-2.63127	1	1 CTD-2345M20.2	-
ENSG00000254318	5.13E-15	-2.63127	1	1 C8orf87	-
ENSG00000254319	5.13E-15	-2.63127	1	1 RP11-134O21.1	-
ENSG00000254320	5.13E-15	-2.63127	1	1 RP11-593P24.4	-
ENSG00000254321	5.13E-15	-2.63127	1	1 RP11-495O10.1	-
ENSG00000254324	5.13E-15	-2.63127	1	1 MIR151A	-
ENSG00000254325	5.13E-15	-2.63127	1	1 RP11-318K15.2	-
ENSG00000254326	5.13E-15	-2.63127	1	1 IGHV7-27	-
ENSG00000254329	5.13E-15	-2.63127	1	1 IGHVII-60-1	-
ENSG00000254330	5.13E-15	-2.63127	1	1 RP11-1D12.1	-
ENSG00000254333	5.13E-15	-2.63127	1	1 CTC-367J11.1	-
ENSG00000254334	5.13E-15	-2.63127	1	1 RP11-24P4.1	-
ENSG00000254335	5.13E-15	-2.63127	1	1 CDH12P1	K06804
ENSG00000254336	5.13E-15	-2.63127	1	1 AC008694.2	K02984
ENSG00000254337	5.13E-15	-2.63127	1	1 RP11-865I6.2	-
ENSG00000254341	5.13E-15	-2.63127	1	1 SNORD87	-
ENSG00000254342	5.13E-15	-2.63127	1	1 RP11-726G23.6	K17299
ENSG00000254344	5.13E-15	-2.63127	1	1 RP11-258J10.1	-
ENSG00000254345	5.13E-15	-2.63127	1	1 IGKV2D-23	-
ENSG00000254346	5.13E-15	-2.63127	1	1 MTND1P6	K03878
ENSG00000254347	5.13E-15	-2.63127	1	1 RP11-351E7.1	-
ENSG00000254348	5.13E-15	-2.63127	1	1 RP11-1134I14.4	-
ENSG00000254349	5.13E-15	-2.63127	1	1 RP11-758M4.1	-
ENSG00000254350	5.13E-15	-2.63127	1	1 RP11-542A14.1	-
ENSG00000254351	5.13E-15	-2.63127	1	1 ARL2BPP5	-
ENSG00000254352	5.13E-15	-2.63127	1	1	-
ENSG00000254355	5.13E-15	-2.63127	1	1 IGLVI-68	-
ENSG00000254357	5.13E-15	-2.63127	1	1 RP11-628E19.2	-
ENSG00000254358	5.13E-15	-2.63127	1	1 CYCSP22	K08738
ENSG00000254361	5.13E-15	-2.63127	1	1 RP11-238K6.2	-
ENSG00000254364	5.13E-15	-2.63127	1	1 KB-1615E4.3	-
ENSG00000254365	5.13E-15	-2.63127	1	1 CTB-180C19.1	-
ENSG00000254366	5.13E-15	-2.63127	1	1 RP11-38H17.1	-
ENSG00000254367	5.13E-15	-2.63127	1	1 RP11-211C9.1	-
ENSG00000254372	5.13E-15	-2.63127	1	1 RP11-343P9.1	-
ENSG00000254374	5.13E-15	-2.63127	1	1 GOLGA6L21P	K10595
ENSG00000254376	5.13E-15	-2.63127	1	1 SOX5P	K09269
ENSG00000254377	5.13E-15	-2.63127	1	1 LINC00966	-
ENSG00000254380	5.13E-15	-2.63127	1	1 RP11-317J10.4	-
ENSG00000254381	5.13E-15	-2.63127	1	1 TUBB8P5	K07375
ENSG00000254383	5.13E-15	-2.63127	1	1 RP11-465K16.1	-
ENSG00000254384	5.13E-15	-2.63127	1	1 MTND6P19	K03884
ENSG00000254387	5.13E-15	-2.63127	1	1 RP3-388N13.2	K12757
ENSG00000254391	5.13E-15	-2.63127	1	1 CTC-529G1.1	-
ENSG00000254392	5.13E-15	-2.63127	1	1 RP11-759A9.2	K03901
ENSG00000254394	5.13E-15	-2.63127	1	1 CTD-2272D18.1	-
ENSG00000254395	5.13E-15	-2.63127	1	1 IGHV4-55	K06856
ENSG00000254396	5.13E-15	-2.63127	1	1 RP11-56F10.3	-
ENSG00000254398	5.13E-15	-2.63127	1	1 RP11-578F21.2	K10595
ENSG00000254399	5.13E-15	-2.63127	1	1 GLYATL1P4	-
ENSG00000254400	5.13E-15	-2.63127	1	1 RP11-732A19.8	-
ENSG00000254401	5.13E-15	-2.63127	1	1 RP11-179A10.1	-
ENSG00000254402	5.13E-15	-2.63127	1	1 LRRC24	-
ENSG00000254403	5.13E-15	-2.63127	1	1 OR10Y1P	-

ENSG00000254404	5.13E-15	-2.63127	1	1 RP11-703H8.9	-
ENSG00000254406	5.13E-15	-2.63127	1	1 RP11-215D10.1	K12812
ENSG00000254407	5.13E-15	-2.63127	1	1 RP11-109E10.2	-
ENSG00000254408	5.13E-15	-2.63127	1	1 OR4A1P	K04257
ENSG00000254411	5.13E-15	-2.63127	1	1 CTD-3051L14.13	K05611
ENSG00000254412	5.13E-15	-2.63127	1	1 RP11-107P7.6	-
ENSG00000254413	5.13E-15	-2.63127	1	1 CHKB-CPT1B	K19523
ENSG00000254415	5.13E-15	-2.63127	1	1 SIGLEC14	K06549
ENSG00000254417	5.13E-15	-2.63127	1	1 ANO1-AS2	-
ENSG00000254418	5.13E-15	-2.63127	1	1 RP11-21L19.1	-
ENSG00000254422	5.13E-15	-2.63127	1	1 RP11-864G5.3	-
ENSG00000254423	5.13E-15	-2.63127	1	1 RP11-351I21.7	K11845
ENSG00000254424	5.13E-15	-2.63127	1	1 RP11-810P12.6	-
ENSG00000254425	5.13E-15	-2.63127	1	1 RP11-480O10.2	K11094
ENSG00000254427	5.13E-15	-2.63127	1	1 RP11-430H10.1	-
ENSG00000254428	5.13E-15	-2.63127	1	1 RP11-110I1.11	-
ENSG00000254430	5.13E-15	-2.63127	1	1 OR6M3P	-
ENSG00000254434	5.13E-15	-2.63127	1	1 CTD-2555I5.1	-
ENSG00000254436	5.13E-15	-2.63127	1	1 AP000648.6	K12019
ENSG00000254437	5.13E-15	-2.63127	1	1 RP11-170L9.1	-
ENSG00000254438	5.13E-15	-2.63127	1	1 RP11-231N3.1	-
ENSG00000254440	5.13E-15	-2.63127	1	1 PBOV1	K17985
ENSG00000254441	5.13E-15	-2.63127	1	1 RP11-718B12.5	K03238
ENSG00000254442	5.13E-15	-2.63127	1	1 AP000859.4	-
ENSG00000254443	5.13E-15	-2.63127	1	1 RP11-304C12.3	-
ENSG00000254444	5.13E-15	-2.63127	1	1 RP11-290F24.3	-
ENSG00000254445	5.13E-15	-2.63127	1	1 HSPB2-C11orf52	K09543
ENSG00000254447	5.13E-15	-2.63127	1	1 OR7E11P	K04257
ENSG00000254450	5.13E-15	-2.63127	1	1 ALG9-IT1	-
ENSG00000254451	5.13E-15	-2.63127	1	1 RP11-560G2.1	-
ENSG00000254452	5.13E-15	-2.63127	1	1 RP11-867G23.4	-
ENSG00000254453	5.13E-15	-2.63127	1	1 NAV2-AS2	-
ENSG00000254454	5.13E-15	-2.63127	1	1 RCC2P6	-
ENSG00000254455	5.13E-15	-2.63127	1	1 HIGD1AP10	-
ENSG00000254456	5.13E-15	-2.63127	1	1 RP11-405K6.1	-
ENSG00000254457	5.13E-15	-2.63127	1	1 OR5D2P	K04257
ENSG00000254462	5.13E-15	-2.63127	1	1 TMX2-CTNND1	K05690
ENSG00000254464	5.13E-15	-2.63127	1	1 OR4A3P	K04257
ENSG00000254465	5.13E-15	-2.63127	1	1 PRKRIRP4	-
ENSG00000254466	5.13E-15	-2.63127	1	1 OR4D10	K04257
ENSG00000254467	5.13E-15	-2.63127	1	1 RP11-634B22.4	-
ENSG00000254468	5.13E-15	-2.63127	1	1 RP11-304M2.6	-
ENSG00000254471	5.13E-15	-2.63127	1	1 RP11-885L14.1	K02605
ENSG00000254472	5.13E-15	-2.63127	1	1 OR4A49P	K04257
ENSG00000254475	5.13E-15	-2.63127	1	1 OR2AT1P	K04257
ENSG00000254480	5.13E-15	-2.63127	1	1 RP11-23F23.2	-
ENSG00000254481	5.13E-15	-2.63127	1	1 PTP4A2P2	K18041
ENSG00000254482	5.13E-15	-2.63127	1	1 RP11-386B1.1	-
ENSG00000254483	5.13E-15	-2.63127	1	1 RP11-23J9.6	K12795
ENSG00000254484	5.13E-15	-2.63127	1	1 CTA-797E19.1	-
ENSG00000254486	5.13E-15	-2.63127	1	1 RP13-631K18.2	-
ENSG00000254487	5.13E-15	-2.63127	1	1 RP11-707M1.7	-
ENSG00000254488	5.13E-15	-2.63127	1	1 RP11-65G9.1	-
ENSG00000254489	5.13E-15	-2.63127	1	1 RP5-1024C24.1	-
ENSG00000254490	5.13E-15	-2.63127	1	1 OR5M7P	K04257
ENSG00000254491	5.13E-15	-2.63127	1	1 RP11-145O15.2	-
ENSG00000254492	5.13E-15	-2.63127	1	1 KB-1073A2.1	K18193
ENSG00000254495	5.13E-15	-2.63127	1	1 AP000487.4	-

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ENSG00000254497	5.13E-15	-2.63127	1	1 CTD-2560E9.5	-
ENSG00000254498	5.13E-15	-2.63127	1	1 CTD-2119L1.1	-
ENSG00000254499	5.13E-15	-2.63127	1	1 AC002056.5	-
ENSG00000254500	5.13E-15	-2.63127	1	1 RANP3	K07936
ENSG00000254502	5.13E-15	-2.63127	1	1 FNTAL1	K05955
ENSG00000254506	5.13E-15	-2.63127	1	1 RP11-748H22.1	-
ENSG00000254507	5.13E-15	-2.63127	1	1 RP11-481A20.10	K10803
ENSG00000254508	5.13E-15	-2.63127	1	1 RP11-646J21.5	-
ENSG00000254511	5.13E-15	-2.63127	1	1 RP11-876F14.1	-
ENSG00000254514	5.13E-15	-2.63127	1	1 RP11-958J22.3	-
ENSG00000254515	5.13E-15	-2.63127	1	1 RP11-775A1.2	K04969
ENSG00000254516	5.13E-15	-2.63127	1	1 RP11-159D8.1	-
ENSG00000254517	5.13E-15	-2.63127	1	1 RP11-56P9.8	K12019
ENSG00000254518	5.13E-15	-2.63127	1	1 RP11-347H15.4	-
ENSG00000254519	5.13E-15	-2.63127	1	1 CTD-2210P24.1	-
ENSG00000254521	5.13E-15	-2.63127	1	1 SIGLEC12	K10079
ENSG00000254522	5.13E-15	-2.63127	1	1 RP11-113K21.1	K02866
ENSG00000254524	5.13E-15	-2.63127	1	1 OR8I4P	K04257
ENSG00000254526	5.13E-15	-2.63127	1	1 RP11-466I1.1	-
ENSG00000254527	5.13E-15	-2.63127	1	1 ENPP7P12	K12354
ENSG00000254528	5.13E-15	-2.63127	1	1 RP11-728F11.4	-
ENSG00000254529	5.13E-15	-2.63127	1	1 RP11-583F24.7	K08396
ENSG00000254532	5.13E-15	-2.63127	1	1 RP11-624D11.2	-
ENSG00000254533	5.13E-15	-2.63127	1	1 AF186192.1	-
ENSG00000254534	5.13E-15	-2.63127	1	1 RP11-748H22.2	K17275
ENSG00000254537	5.13E-15	-2.63127	1	1 RP1-130L23.1	-
ENSG00000254539	5.13E-15	-2.63127	1	1 RP4-791M13.3	-
ENSG00000254540	5.13E-15	-2.63127	1	1 CTD-2140G10.4	-
ENSG00000254541	5.13E-15	-2.63127	1	1 RP11-583F24.6	K08396
ENSG00000254542	5.13E-15	-2.63127	1	1 NAV2-AS3	-
ENSG00000254543	5.13E-15	-2.63127	1	1 HSPD1P2	K04077
ENSG00000254545	5.13E-15	-2.63127	1	1 RP11-84A19.3	-
ENSG00000254546	5.13E-15	-2.63127	1	1 RP11-113D6.9	K08396
ENSG00000254547	5.13E-15	-2.63127	1	1 RP11-738O11.13	-
ENSG00000254550	5.13E-15	-2.63127	1	1 OMP	-
ENSG00000254551	5.13E-15	-2.63127	1	1 RP11-727A23.7	-
ENSG00000254552	5.13E-15	-2.63127	1	1 XIRP2-AS1	-
ENSG00000254553	5.13E-15	-2.63127	1	1 RP1-27O5.3	K10495
ENSG00000254555	5.13E-15	-2.63127	1	1 RP11-379J13.1	-
ENSG00000254556	5.13E-15	-2.63127	1	1 AF131215.4	-
ENSG00000254557	5.13E-15	-2.63127	1	1 RP11-102F4.2	-
ENSG00000254558	5.13E-15	-2.63127	1	1 RP11-81M19.3	-
ENSG00000254559	5.13E-15	-2.63127	1	1 RP11-304M2.5	-
ENSG00000254560	5.13E-15	-2.63127	1	1 RP11-1L12.3	-
ENSG00000254561	5.13E-15	-2.63127	1	1 RP11-196E1.3	-
ENSG00000254562	5.13E-15	-2.63127	1	1 RP11-64I17.1	-
ENSG00000254563	5.13E-15	-2.63127	1	1 RP11-673F18.1	-
ENSG00000254564	5.13E-15	-2.63127	1	1 RP11-787P24.2	K19607
ENSG00000254565	5.13E-15	-2.63127	1	1 MTND2P26	-
ENSG00000254566	5.13E-15	-2.63127	1	1 RP11-514F3.4	-
ENSG00000254567	5.13E-15	-2.63127	1	1 RP11-107P7.4	-
ENSG00000254568	5.13E-15	-2.63127	1	1 RP11-664I21.5	-
ENSG00000254569	5.13E-15	-2.63127	1	1 RP11-693N9.1	K10408
ENSG00000254571	5.13E-15	-2.63127	1	1 RP11-60I3.4	-
ENSG00000254572	5.13E-15	-2.63127	1	1 GLULP3	K01915
ENSG00000254573	5.13E-15	-2.63127	1	1 AP004550.1	-
ENSG00000254574	5.13E-15	-2.63127	1	1 RP11-429J17.4	-

ENSG00000254575	5.13E-15	-2.63127	1	1 RP11-3G21.1	—
ENSG00000254576	5.13E-15	-2.63127	1	1 OR4C1P	K04257
ENSG00000254578	5.13E-15	-2.63127	1	1 CTD-2517M22.16	—
ENSG00000254579	5.13E-15	-2.63127	1	1 RP11-407P18.1	K09228
ENSG00000254580	5.13E-15	-2.63127	1	1 RP11-677I18.4	—
ENSG00000254581	5.13E-15	-2.63127	1	1 RP11-303G3.10	K04257
ENSG00000254582	5.13E-15	-2.63127	1	1 PSMA2P1	K02726
ENSG00000254583	5.13E-15	-2.63127	1	1 RP11-15D14.1	—
ENSG00000254585	5.13E-15	-2.63127	1	1 MAGEL2	—
ENSG00000254586	5.13E-15	-2.63127	1	1 RP11-358H18.3	—
ENSG00000254587	5.13E-15	-2.63127	1	1 RP11-360K13.1	—
ENSG00000254588	5.13E-15	-2.63127	1	1 RP11-1007G5.2	—
ENSG00000254589	5.13E-15	-2.63127	1	1 EIF4A2P3	K03257
ENSG00000254590	5.13E-15	-2.63127	1	1 RP11-334E6.2	—
ENSG00000254591	5.13E-15	-2.63127	1	1 RP11-822P1.1	—
ENSG00000254592	5.13E-15	-2.63127	1	1 RP5-1173A5.1	—
ENSG00000254594	5.13E-15	-2.63127	1	1 RP11-2F20.1	—
ENSG00000254596	5.13E-15	-2.63127	1	1 CTD-3074O7.7	—
ENSG00000254597	5.13E-15	-2.63127	1	1 FAM90A10P	—
ENSG00000254599	5.13E-15	-2.63127	1	1 RP11-115E19.1	—
ENSG00000254601	5.13E-15	-2.63127	1	1 CYCSP26	K08738
ENSG00000254603	5.13E-15	-2.63127	1	1 OR5M6P	K04257
ENSG00000254605	5.13E-15	-2.63127	1	1 RP11-626H12.2	—
ENSG00000254606	5.13E-15	-2.63127	1	1 RP11-22P4.2	—
ENSG00000254607	5.13E-15	-2.63127	1	1 RP11-115C10.1	—
ENSG00000254608	5.13E-15	-2.63127	1	1 RP11-56A10.1	K19538
ENSG00000254609	5.13E-15	-2.63127	1	1 RP11-719K4.3	K01047
ENSG00000254610	5.13E-15	-2.63127	1	1 RP5-903G2.2	—
ENSG00000254613	5.13E-15	-2.63127	1	1 OR6M2P	K04257
ENSG00000254615	5.13E-15	-2.63127	1	1 RP11-395G23.3	—
ENSG00000254616	5.13E-15	-2.63127	1	1 RP11-700F16.2	—
ENSG00000254617	5.13E-15	-2.63127	1	1 AP000648.3	K12019
ENSG00000254618	5.13E-15	-2.63127	1	1 TMED10P1	—
ENSG00000254620	5.13E-15	-2.63127	1	1 RP5-907D15.3	—
ENSG00000254621	5.13E-15	-2.63127	1	1 SETP16	K11290
ENSG00000254622	5.13E-15	-2.63127	1	1 NAV2-AS4	—
ENSG00000254623	5.13E-15	-2.63127	1	1 DEFB108P4	—
ENSG00000254624	5.13E-15	-2.63127	1	1 OR4R3P	K04257
ENSG00000254625	5.13E-15	-2.63127	1	1 GS1-24F4.3	—
ENSG00000254626	5.13E-15	-2.63127	1	1 RP11-27G22.1	—
ENSG00000254627	5.13E-15	-2.63127	1	1 RP1-17K7.1	—
ENSG00000254629	5.13E-15	-2.63127	1	1 RP11-160H12.3	K04699
ENSG00000254630	5.13E-15	-2.63127	1	1 CTD-2530H12.7	—
ENSG00000254631	5.13E-15	-2.63127	1	1 RP11-702H23.4	—
ENSG00000254633	5.13E-15	-2.63127	1	1 RP11-23J9.7	—
ENSG00000254636	5.13E-15	-2.63127	1	1 ARMS2	—
ENSG00000254637	5.13E-15	-2.63127	1	1 OR4A18P	K04257
ENSG00000254638	5.13E-15	-2.63127	1	1 RP11-356J5.4	—
ENSG00000254640	5.13E-15	-2.63127	1	1 RP11-384C21.9	K17985
ENSG00000254641	5.13E-15	-2.63127	1	1 RP11-732A19.2	—
ENSG00000254642	5.13E-15	-2.63127	1	1 COX6CP5	—
ENSG00000254644	5.13E-15	-2.63127	1	1 RP11-5A11.2	K15152
ENSG00000254645	5.13E-15	-2.63127	1	1 RP11-396O20.2	—
ENSG00000254646	5.13E-15	-2.63127	1	1 OR8B10P	K04257
ENSG00000254647	5.13E-15	-2.63127	1	1 INS	K04526
ENSG00000254649	5.13E-15	-2.63127	1	1 RP11-452H21.2	—
ENSG00000254650	5.13E-15	-2.63127	1	1 RP11-665E10.5	—
ENSG00000254651	5.13E-15	-2.63127	1	1 RP11-430H10.3	—

ENSG00000254653	5.13E-15	-2.63127	1	1 RP11-702F3.1	-
ENSG00000254654	5.13E-15	-2.63127	1	1 AC068858.1	-
ENSG00000254655	5.13E-15	-2.63127	1	1 RP11-529A4.5	-
ENSG00000254656	5.13E-15	-2.63127	1	1 RTL1	-
ENSG00000254658	5.13E-15	-2.63127	1	1 OR8J2	K04257
ENSG00000254659	5.13E-15	-2.63127	1	1 RP11-262A12.1	-
ENSG00000254660	5.13E-15	-2.63127	1	1 CTD-3051L14.14	-
ENSG00000254661	5.13E-15	-2.63127	1	1 RP11-222N13.1	-
ENSG00000254663	5.13E-15	-2.63127	1	1 OR4A11P	K04257
ENSG00000254665	5.13E-15	-2.63127	1	1 RP11-152H18.3	-
ENSG00000254668	5.13E-15	-2.63127	1	1 RP11-375D13.1	-
ENSG00000254669	5.13E-15	-2.63127	1	1 RP5-945I17.2	-
ENSG00000254673	5.13E-15	-2.63127	1	1 RP11-598P20.5	K05955
ENSG00000254674	5.13E-15	-2.63127	1	1 OR4A42P	K04257
ENSG00000254675	5.13E-15	-2.63127	1	1 RP11-7I15.4	-
ENSG00000254677	5.13E-15	-2.63127	1	1 OSBPL9P2	-
ENSG00000254678	5.13E-15	-2.63127	1	1 RP11-109L13.5	-
ENSG00000254680	5.13E-15	-2.63127	1	1 RP11-265D17.2	-
ENSG00000254683	5.13E-15	-2.63127	1	1 AF228730.12	K11095
ENSG00000254684	5.13E-15	-2.63127	1	1 RP11-882I15.1	-
ENSG00000254687	5.13E-15	-2.63127	1	1 RP11-162D9.3	-
ENSG00000254689	5.13E-15	-2.63127	1	1 RP11-354A14.1	-
ENSG00000254692	5.13E-15	-2.63127	1	1 TM9SF1	K17085
ENSG00000254695	5.13E-15	-2.63127	1	1 RP11-396O20.1	-
ENSG00000254696	5.13E-15	-2.63127	1	1 RP11-72M10.7	-
ENSG00000254697	5.13E-15	-2.63127	1	1 COPS8P3	-
ENSG00000254698	5.13E-15	-2.63127	1	1 RP11-659G9.3	-
ENSG00000254699	5.13E-15	-2.63127	1	1 RP11-12D16.2	-
ENSG00000254700	5.13E-15	-2.63127	1	1 RP11-1236K1.11	K10803
ENSG00000254702	5.13E-15	-2.63127	1	1 CTD-2651C21.3	K17921
ENSG00000254703	5.13E-15	-2.63127	1	1 SENCRCR	-
ENSG00000254704	5.13E-15	-2.63127	1	1 RP11-1036E20.7	-
ENSG00000254705	5.13E-15	-2.63127	1	1 RP11-675M1.2	-
ENSG00000254706	5.13E-15	-2.63127	1	1 RP11-565P22.6	K16513
ENSG00000254707	5.13E-15	-2.63127	1	1 RP11-35J10.4	-
ENSG00000254708	5.13E-15	-2.63127	1	1 RP1-145M24.1	-
ENSG00000254709	5.13E-15	-2.63127	1	1 IGLL5	K06554
ENSG00000254712	5.13E-15	-2.63127	1	1 RP11-560B16.5	K14291
ENSG00000254713	5.13E-15	-2.63127	1	1 HNRNPA1P72	K12741
ENSG00000254714	5.13E-15	-2.63127	1	1 RP11-163O19.1	K14592
ENSG00000254715	5.13E-15	-2.63127	1	1 OR7E154P	K04257
ENSG00000254717	5.13E-15	-2.63127	1	1 GLYATL1P2	-
ENSG00000254720	5.13E-15	-2.63127	1	1 RP11-583F24.3	K08396
ENSG00000254721	5.13E-15	-2.63127	1	1 RP11-805J14.5	-
ENSG00000254722	5.13E-15	-2.63127	1	1 FAM8A2P	-
ENSG00000254723	5.13E-15	-2.63127	1	1 OR4A12P	K04257
ENSG00000254724	5.13E-15	-2.63127	1	1 OR7E10P	K04257
ENSG00000254725	5.13E-15	-2.63127	1	1 RP11-111A24.1	-
ENSG00000254727	5.13E-15	-2.63127	1	1 PTP4A1P6	K18041
ENSG00000254728	5.13E-15	-2.63127	1	1 RP11-56P9.10	K12019
ENSG00000254733	5.13E-15	-2.63127	1	1 RP11-317J19.1	-
ENSG00000254734	5.13E-15	-2.63127	1	1 CTD-3138F19.1	-
ENSG00000254735	5.13E-15	-2.63127	1	1 HMGB1P42	K10802
ENSG00000254737	5.13E-15	-2.63127	1	1 OR10G4	K04257
ENSG00000254738	5.13E-15	-2.63127	1	1 RP11-583F24.4	K08396
ENSG00000254743	5.13E-15	-2.63127	1	1 OR10V3P	K04257
ENSG00000254744	5.13E-15	-2.63127	1	1 CTD-3076O17.1	-
ENSG00000254746	5.13E-15	-2.63127	1	1 RP11-958J22.1	-

ENSG00000254748	5.13E-15	-2.63127	1	1 HNRNPCP8	K12884
ENSG00000254749	5.13E-15	-2.63127	1	1 OR5BD1P	-
ENSG00000254750	5.13E-15	-2.63127	1	1 CASP1P2	K01370
ENSG00000254751	5.13E-15	-2.63127	1	1 TRIM64DP	K12019
ENSG00000254752	5.13E-15	-2.63127	1	1 OR5M2P	K04257
ENSG00000254753	5.13E-15	-2.63127	1	1 RP11-480O10.1	-
ENSG00000254754	5.13E-15	-2.63127	1	1 RP11-20J1.1	-
ENSG00000254755	5.13E-15	-2.63127	1	1 RP11-672A2.7	K11294
ENSG00000254757	5.13E-15	-2.63127	1	1 RP13-726E6.1	-
ENSG00000254758	5.13E-15	-2.63127	1	1 AP000889.1	-
ENSG00000254760	5.13E-15	-2.63127	1	1 CTD-2616J11.3	-
ENSG00000254764	5.13E-15	-2.63127	1	1 TRIM53CP	K12019
ENSG00000254765	5.13E-15	-2.63127	1	1 RP11-1H15.1	K01915
ENSG00000254767	5.13E-15	-2.63127	1	1 OR2AL1P	-
ENSG00000254768	5.13E-15	-2.63127	1	1 CTD-2140G10.2	-
ENSG00000254769	5.13E-15	-2.63127	1	1 OR4A4P	K04257
ENSG00000254770	5.13E-15	-2.63127	1	1 OR4D7P	K04257
ENSG00000254771	5.13E-15	-2.63127	1	1 RP11-50B3.1	K09448
ENSG00000254774	5.13E-15	-2.63127	1	1 RP11-148O21.3	-
ENSG00000254775	5.13E-15	-2.63127	1	1 RP11-27P7.1	-
ENSG00000254776	5.13E-15	-2.63127	1	1 AC084121.17	-
ENSG00000254779	5.13E-15	-2.63127	1	1 EGLN1P1	K09592
ENSG00000254781	5.13E-15	-2.63127	1	1 GVINP2	-
ENSG00000254782	5.13E-15	-2.63127	1	1 RP11-155D18.12	-
ENSG00000254784	5.13E-15	-2.63127	1	1 RP11-436H16.1	-
ENSG00000254785	5.13E-15	-2.63127	1	1 RP11-81M19.1	-
ENSG00000254786	5.13E-15	-2.63127	1	1 RP11-142C4.5	-
ENSG00000254787	5.13E-15	-2.63127	1	1 CTD-2537O9.1	-
ENSG00000254789	5.13E-15	-2.63127	1	1 RP11-531H8.2	-
ENSG00000254790	5.13E-15	-2.63127	1	1 RP11-680F20.4	-
ENSG00000254792	5.13E-15	-2.63127	1	1 RP11-119D9.4	-
ENSG00000254793	5.13E-15	-2.63127	1	1 FDPSP4	K00787
ENSG00000254794	5.13E-15	-2.63127	1	1 RP11-665E10.3	-
ENSG00000254795	5.13E-15	-2.63127	1	1 OR5AP1P	K04257
ENSG00000254796	5.13E-15	-2.63127	1	1 RP11-1118M6.2	K04257
ENSG00000254798	5.13E-15	-2.63127	1	1 TFAMP2	K11830
ENSG00000254799	5.13E-15	-2.63127	1	1 SLC25A47P1	K15123
ENSG00000254800	5.13E-15	-2.63127	1	1 RP11-163O19.3	K12019
ENSG00000254801	5.13E-15	-2.63127	1	1 CTD-2132H18.3	K11268
ENSG00000254802	5.13E-15	-2.63127	1	1 AC022182.3	-
ENSG00000254803	5.13E-15	-2.63127	1	1 RP11-529A4.9	-
ENSG00000254804	5.13E-15	-2.63127	1	1 RP11-674C21.9	-
ENSG00000254805	5.13E-15	-2.63127	1	1 RP11-167J8.4	K11095
ENSG00000254807	5.13E-15	-2.63127	1	1 OR10AK1P	-
ENSG00000254810	5.13E-15	-2.63127	1	1 RP11-672A2.4	-
ENSG00000254811	5.13E-15	-2.63127	1	1 RP11-680E19.1	K09228
ENSG00000254813	5.13E-15	-2.63127	1	1 RP11-252C15.1	-
ENSG00000254814	5.13E-15	-2.63127	1	1 RP11-535A19.1	-
ENSG00000254816	5.13E-15	-2.63127	1	1 RP11-670N15.2	-
ENSG00000254817	5.13E-15	-2.63127	1	1 OR7E160P	K04257
ENSG00000254818	5.13E-15	-2.63127	1	1 RP11-529A4.4	-
ENSG00000254819	5.13E-15	-2.63127	1	1 RP11-430L3.1	-
ENSG00000254820	5.13E-15	-2.63127	1	1 CTD-2019O4.1	-
ENSG00000254821	5.13E-15	-2.63127	1	1 RP3-400B16.4	-
ENSG00000254822	5.13E-15	-2.63127	1	1 RP11-375D13.3	-
ENSG00000254823	5.13E-15	-2.63127	1	1 RP11-109E10.1	-
ENSG00000254824	5.13E-15	-2.63127	1	1 RP11-370I6.8	-
ENSG00000254825	5.13E-15	-2.63127	1	1 OR9G2P	K04257

ENSG00000254828	5.13E-15	-2.63127	1	1 RP11-72M10.5	K12019
ENSG00000254829	5.13E-15	-2.63127	1	1 RP11-7I15.3	-
ENSG00000254830	5.13E-15	-2.63127	1	1 RP11-99C10.1	-
ENSG00000254831	5.13E-15	-2.63127	1	1 KRT18P58	K07604
ENSG00000254832	5.13E-15	-2.63127	1	1 OR4A40P	K04257
ENSG00000254834	5.13E-15	-2.63127	1	1 OR5M10	K04257
ENSG00000254835	5.13E-15	-2.63127	1	1 RNF185-AS1	-
ENSG00000254836	5.13E-15	-2.63127	1	1 RP1-17K7.3	-
ENSG00000254839	5.13E-15	-2.63127	1	1 AF131215.6	-
ENSG00000254840	5.13E-15	-2.63127	1	1 RP11-574M7.1	K03121
ENSG00000254841	5.13E-15	-2.63127	1	1 OR4V1P	K04257
ENSG00000254843	5.13E-15	-2.63127	1	1 RP11-648O15.1	K04725
ENSG00000254844	5.13E-15	-2.63127	1	1 RP11-728F11.3	-
ENSG00000254845	5.13E-15	-2.63127	1	1 OR8G7P	K04257
ENSG00000254846	5.13E-15	-2.63127	1	1 RP11-203M5.2	-
ENSG00000254848	5.13E-15	-2.63127	1	1 OR5BN1P	K04257
ENSG00000254850	5.13E-15	-2.63127	1	1 RP5-901A4.4	K02974
ENSG00000254853	5.13E-15	-2.63127	1	1 RP11-659P15.2	K15430
ENSG00000254855	5.13E-15	-2.63127	1	1 RP11-867G23.1	-
ENSG00000254856	5.13E-15	-2.63127	1	1 NDUFA3P2	-
ENSG00000254857	5.13E-15	-2.63127	1	1 RP11-113D6.3	K08396
ENSG00000254861	5.13E-15	-2.63127	1	1 RP11-945A11.2	-
ENSG00000254863	5.13E-15	-2.63127	1	1 RP11-831A10.2	-
ENSG00000254864	5.13E-15	-2.63127	1	1 CTD-2516F10.4	-
ENSG00000254865	5.13E-15	-2.63127	1	1 RP11-748C4.1	-
ENSG00000254866	5.13E-15	-2.63127	1	1 DEFB109P3	-
ENSG00000254867	5.13E-15	-2.63127	1	1 RP11-1167A19.6	-
ENSG00000254869	5.13E-15	-2.63127	1	1 RP11-91I20.2	-
ENSG00000254870	5.13E-15	-2.63127	1	1 ATP6V1G2-DDX39	K12812
ENSG00000254871	5.13E-15	-2.63127	1	1 RP11-702F3.2	-
ENSG00000254873	5.13E-15	-2.63127	1	1 RP11-770J1.5	-
ENSG00000254874	5.13E-15	-2.63127	1	1 RP11-676F20.1	-
ENSG00000254877	5.13E-15	-2.63127	1	1 RP11-142C4.4	-
ENSG00000254878	5.13E-15	-2.63127	1	1 CTD-3096P4.1	-
ENSG00000254880	5.13E-15	-2.63127	1	1 RP11-687M24.5	-
ENSG00000254883	5.13E-15	-2.63127	1	1 RP11-655M14.14	-
ENSG00000254885	5.13E-15	-2.63127	1	1 RP11-802F5.1	-
ENSG00000254886	5.13E-15	-2.63127	1	1 OR4A10P	K04257
ENSG00000254887	5.13E-15	-2.63127	1	1 CTC-378H22.1	-
ENSG00000254888	5.13E-15	-2.63127	1	1 RP11-716D19.1	K11268
ENSG00000254889	5.13E-15	-2.63127	1	1 AC084121.14	K04257
ENSG00000254890	5.13E-15	-2.63127	1	1 RP11-10A7.1	-
ENSG00000254891	5.13E-15	-2.63127	1	1 OR4A9P	K04257
ENSG00000254892	5.13E-15	-2.63127	1	1 RP11-334E6.4	-
ENSG00000254894	5.13E-15	-2.63127	1	1 NAV2-AS1	-
ENSG00000254895	5.13E-15	-2.63127	1	1 RP11-37O16.7	-
ENSG00000254896	5.13E-15	-2.63127	1	1 OPCML-IT1	-
ENSG00000254897	5.13E-15	-2.63127	1	1 RP11-482L11.1	K13184
ENSG00000254900	5.13E-15	-2.63127	1	1 RP11-152H18.4	-
ENSG00000254902	5.13E-15	-2.63127	1	1 ANO1-AS1	-
ENSG00000254903	5.13E-15	-2.63127	1	1 OR8L1P	K04257
ENSG00000254906	5.13E-15	-2.63127	1	1 RP11-701I24.3	-
ENSG00000254909	5.13E-15	-2.63127	1	1 RP11-110I1.5	-
ENSG00000254912	5.13E-15	-2.63127	1	1 RP11-632K20.2	K14559
ENSG00000254913	5.13E-15	-2.63127	1	1 RP4-791M13.5	-
ENSG00000254914	5.13E-15	-2.63127	1	1 CTD-2537L20.1	-
ENSG00000254915	5.13E-15	-2.63127	1	1 RP11-263C24.3	-
ENSG00000254916	5.13E-15	-2.63127	1	1 RP11-529A4.12	-

ENSG00000254917	5.13E-15	-2.63127	1	1 OR7E15P	K04257
ENSG00000254919	5.13E-15	-2.63127	1	1 RP11-698N11.2	-
ENSG00000254920	5.13E-15	-2.63127	1	1 RP11-56P9.6	-
ENSG00000254921	5.13E-15	-2.63127	1	1 RP11-236J17.6	-
ENSG00000254923	5.13E-15	-2.63127	1	1 RP11-1236K1.8	K11845
ENSG00000254924	5.13E-15	-2.63127	1	1 RP11-684B2.3	-
ENSG00000254925	5.13E-15	-2.63127	1	1 OR4C9P	K04257
ENSG00000254926	5.13E-15	-2.63127	1	1 AP000445.2	K15517
ENSG00000254927	5.13E-15	-2.63127	1	1 RP11-98J9.2	-
ENSG00000254928	5.13E-15	-2.63127	1	1 RP11-702H23.6	-
ENSG00000254929	5.13E-15	-2.63127	1	1 RP11-144G6.12	-
ENSG00000254930	5.13E-15	-2.63127	1	1 RP11-98J9.3	-
ENSG00000254931	5.13E-15	-2.63127	1	1 RP11-37O16.6	-
ENSG00000254932	5.13E-15	-2.63127	1	1 RP11-687M24.8	-
ENSG00000254933	5.13E-15	-2.63127	1	1 RP11-619A14.2	-
ENSG00000254934	5.13E-15	-2.63127	1	1 LINC00678	-
ENSG00000254935	5.13E-15	-2.63127	1	1 RP11-266E8.2	-
ENSG00000254936	5.13E-15	-2.63127	1	1 AF131215.3	-
ENSG00000254937	5.13E-15	-2.63127	1	1 RP11-728D14.6	-
ENSG00000254938	5.13E-15	-2.63127	1	1 RP11-688I9.4	-
ENSG00000254939	5.13E-15	-2.63127	1	1 CTD-2342I9.1	K09228
ENSG00000254940	5.13E-15	-2.63127	1	1 OR4A19P	K04257
ENSG00000254942	5.13E-15	-2.63127	1	1 RP5-1160K1.8	-
ENSG00000254943	5.13E-15	-2.63127	1	1 RP11-664I21.6	K06784
ENSG00000254944	5.13E-15	-2.63127	1	1 ATP5F1P5	K02127
ENSG00000254946	5.13E-15	-2.63127	1	1 RP11-531H8.1	-
ENSG00000254947	5.13E-15	-2.63127	1	1 OR8K4P	-
ENSG00000254948	5.13E-15	-2.63127	1	1 OR7E158P	K04257
ENSG00000254949	5.13E-15	-2.63127	1	1 GNG5P3	K04542
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ENSG00000254953	5.13E-15	-2.63127	1	1 RP11-100N3.2	-
ENSG00000254954	5.13E-15	-2.63127	1	1 SLC2A13P1	K08150
ENSG00000254957	5.13E-15	-2.63127	1	1 RP11-179A10.2	-
ENSG00000254959	5.13E-15	-2.63127	1	1 INMT-FAM188B	K00562
ENSG00000254960	5.13E-15	-2.63127	1	1 KIRREL3-AS2	-
ENSG00000254961	5.13E-15	-2.63127	1	1 TUBB4BP4	-
ENSG00000254962	5.13E-15	-2.63127	1	1 OR4A14P	K04257
ENSG00000254963	5.13E-15	-2.63127	1	1 CTD-2562J17.9	-
ENSG00000254965	5.13E-15	-2.63127	1	1 RP11-113K21.2	K12592
ENSG00000254966	5.13E-15	-2.63127	1	1 RP11-1081L13.4	-
ENSG00000254968	5.13E-15	-2.63127	1	1 RP11-65M17.3	-
ENSG00000254971	5.13E-15	-2.63127	1	1 RP11-313I2.11	-
ENSG00000254972	5.13E-15	-2.63127	1	1 RP11-167J8.3	-
ENSG00000254974	5.13E-15	-2.63127	1	1 RP11-702H23.2	K02896
ENSG00000254975	5.13E-15	-2.63127	1	1 RP11-672A2.3	-
ENSG00000254976	5.13E-15	-2.63127	1	1 OR8B7P	K04257
ENSG00000254977	5.13E-15	-2.63127	1	1 AC004878.8	-
ENSG00000254980	5.13E-15	-2.63127	1	1 RP11-794P6.6	-
ENSG00000254983	5.13E-15	-2.63127	1	1 RP11-573E11.2	-
ENSG00000254987	5.13E-15	-2.63127	1	1 RP11-563P16.1	-
ENSG00000254988	5.13E-15	-2.63127	1	1 CTD-2547H18.1	-
ENSG00000254989	5.13E-15	-2.63127	1	1 RP11-469N6.3	-
ENSG00000254990	5.13E-15	-2.63127	1	1 RP11-108O10.2	-
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ENSG00000254993	5.13E-15	-2.63127	1	1 RP11-107P7.5	K12019
ENSG00000254997	5.13E-15	-2.63127	1	1 KRTAP5-9	-
ENSG00000254998	5.13E-15	-2.63127	1	1 RP11-94P11.4	-

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ENSG00000255003	5.13E-15	-2.63127	1	1 CYCSP28	K08738
ENSG00000255004	5.13E-15	-2.63127	1	1 RP1-68D18.3	-
ENSG00000255005	5.13E-15	-2.63127	1	1 RP11-90K17.2	-
ENSG00000255006	5.13E-15	-2.63127	1	1 TCEB1P22	K03872
ENSG00000255009	5.13E-15	-2.63127	1	1 UBTFL1	-
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ENSG00000255012	5.13E-15	-2.63127	1	1 OR5M1	K04257
ENSG00000255014	5.13E-15	-2.63127	1	1 ARL6IP1P3	-
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ENSG00000255018	5.13E-15	-2.63127	1	1 RP11-413N13.1	-
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ENSG00000255020	5.13E-15	-2.63127	1	1 AF131216.5	-
ENSG00000255021	5.13E-15	-2.63127	1	1 RP11-536I6.2	-
ENSG00000255022	5.13E-15	-2.63127	1	1 RP11-665E10.1	-
ENSG00000255025	5.13E-15	-2.63127	1	1 AF228730.13	K04257
ENSG00000255027	5.13E-15	-2.63127	1	1 RP11-680F20.9	-
ENSG00000255028	5.13E-15	-2.63127	1	1 RP11-708B6.2	-
ENSG00000255029	5.13E-15	-2.63127	1	1 CTD-3012A18.1	-
ENSG00000255030	5.13E-15	-2.63127	1	1 OR8B5P	K04257
ENSG00000255032	5.13E-15	-2.63127	1	1 RP11-45A12.2	-
ENSG00000255033	5.13E-15	-2.63127	1	1 RP11-1101K5.2	-
ENSG00000255035	5.13E-15	-2.63127	1	1 SDHCP4	K00236
ENSG00000255037	5.13E-15	-2.63127	1	1 RP11-680G24.1	K01047
ENSG00000255039	5.13E-15	-2.63127	1	1 RP11-882G5.1	-
ENSG00000255040	5.13E-15	-2.63127	1	1 RP11-677N16.1	K11339
ENSG00000255041	5.13E-15	-2.63127	1	1 RP11-430H10.4	-
ENSG00000255042	5.13E-15	-2.63127	1	1 RP11-347H15.5	K16944
ENSG00000255043	5.13E-15	-2.63127	1	1 NAV2-AS5	-
ENSG00000255047	5.13E-15	-2.63127	1	1 HNRNPRP2	-
ENSG00000255048	5.13E-15	-2.63127	1	1 OR8X1P	-
ENSG00000255051	5.13E-15	-2.63127	1	1 BCAS2P1	K12861
ENSG00000255052	5.13E-15	-2.63127	1	1 FAM66D	-
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ENSG00000255054	5.13E-15	-2.63127	1	1 RP1-317E23.6	-
ENSG00000255055	5.13E-15	-2.63127	1	1 MTND1P35	-
ENSG00000255057	5.13E-15	-2.63127	1	1 RP11-567M21.3	K17985
ENSG00000255058	5.13E-15	-2.63127	1	1 AP003068.17	-
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ENSG00000255060	5.13E-15	-2.63127	1	1 RP11-219O3.2	-
ENSG00000255063	5.13E-15	-2.63127	1	1 RP11-718B12.1	K12885
ENSG00000255065	5.13E-15	-2.63127	1	1 RP11-680E19.2	K03267
ENSG00000255067	5.13E-15	-2.63127	1	1 RP11-47J17.1	-
ENSG00000255069	5.13E-15	-2.63127	1	1 RP11-145O15.3	-
ENSG00000255070	5.13E-15	-2.63127	1	1 OSBPL9P3	-
ENSG00000255071	5.13E-15	-2.63127	1	1 SAA2-SAA4	-
ENSG00000255072	5.13E-15	-2.63127	1	1 PIGY	K11001
ENSG00000255073	5.13E-15	-2.63127	1	1 ZFP91-CNTF	K05420
ENSG00000255074	5.13E-15	-2.63127	1	1 RP11-140L24.3	K02872
ENSG00000255075	5.13E-15	-2.63127	1	1 RP11-23B7.3	K11513
ENSG00000255076	5.13E-15	-2.63127	1	1 CTD-2023J5.1	-
ENSG00000255077	5.13E-15	-2.63127	1	1 OR4X7P	-
ENSG00000255078	5.13E-15	-2.63127	1	1 OR4A6P	K04257
ENSG00000255079	5.13E-15	-2.63127	1	1 RP11-45A12.1	-
ENSG00000255080	5.13E-15	-2.63127	1	1 RP11-1082L8.3	-
ENSG00000255081	5.13E-15	-2.63127	1	1 RP11-263C24.1	-

ENSG00000255082	5.13E-15	-2.63127	1	1 GRM5-AS1	-
ENSG00000255083	5.13E-15	-2.63127	1	1 OR5AK1P	K04257
ENSG00000255084	5.13E-15	-2.63127	1	1 RP11-843A23.1	-
ENSG00000255086	5.13E-15	-2.63127	1	1 RP11-336F14.1	K04532
ENSG00000255087	5.13E-15	-2.63127	1	1 RP11-168K9.2	-
ENSG00000255088	5.13E-15	-2.63127	1	1 RP11-23B7.4	-
ENSG00000255089	5.13E-15	-2.63127	1	1 RP11-326C3.10	-
ENSG00000255091	5.13E-15	-2.63127	1	1 RP11-495O11.1	-
ENSG00000255093	5.13E-15	-2.63127	1	1 RP11-794P6.2	-
ENSG00000255095	5.13E-15	-2.63127	1	1 OR1D4	K04257
ENSG00000255096	5.13E-15	-2.63127	1	1 OR5B10P	K04257
ENSG00000255097	5.13E-15	-2.63127	1	1 RP11-5L12.1	-
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ENSG00000255101	5.13E-15	-2.63127	1	1 RP11-412B14.1	-
ENSG00000255102	5.13E-15	-2.63127	1	1 RP11-164N3.2	-
ENSG00000255104	5.13E-15	-2.63127	1	1 ZNF286A	K09228
ENSG00000255105	5.13E-15	-2.63127	1	1 RP11-5A11.1	K13784
ENSG00000255106	5.13E-15	-2.63127	1	1 RP11-58K22.2	K02936
ENSG00000255107	5.13E-15	-2.63127	1	1 RP11-159H10.1	K09558
ENSG00000255109	5.13E-15	-2.63127	1	1 CTD-2572N17.1	-
ENSG00000255110	5.13E-15	-2.63127	1	1 RP11-72M10.8	-
ENSG00000255111	5.13E-15	-2.63127	1	1 RP11-163O19.8	-
ENSG00000255113	5.13E-15	-2.63127	1	1 OR4A48P	K04257
ENSG00000255114	5.13E-15	-2.63127	1	1 RP11-110I1.6	-
ENSG00000255116	5.13E-15	-2.63127	1	1 SLC5A4P1	K14384
ENSG00000255117	5.13E-15	-2.63127	1	1 RP5-1027O15.1	-
ENSG00000255118	5.13E-15	-2.63127	1	1 RP11-703H8.7	-
ENSG00000255119	5.13E-15	-2.63127	1	1 RP11-655M14.12	-
ENSG00000255121	5.13E-15	-2.63127	1	1 RP11-110I1.12	-
ENSG00000255122	5.13E-15	-2.63127	1	1 RP11-303G3.6	-
ENSG00000255123	5.13E-15	-2.63127	1	1 MTND5P21	K03883
ENSG00000255125	5.13E-15	-2.63127	1	1 RP11-685M7.5	-
ENSG00000255126	5.13E-15	-2.63127	1	1 CTD-2531D15.5	-
ENSG00000255127	5.13E-15	-2.63127	1	1 RP11-676F20.2	K03231
ENSG00000255128	5.13E-15	-2.63127	1	1 HSPD1P3	K04077
ENSG00000255129	5.13E-15	-2.63127	1	1 RP11-839D17.3	-
ENSG00000255130	5.13E-15	-2.63127	1	1 RP11-396J6.1	-
ENSG00000255131	5.13E-15	-2.63127	1	1 OR9L1P	-
ENSG00000255132	5.13E-15	-2.63127	1	1 RP11-63C8.1	-
ENSG00000255133	5.13E-15	-2.63127	1	1 RP11-646J21.2	-
ENSG00000255134	5.13E-15	-2.63127	1	1 OR8K2P	K04257
ENSG00000255136	5.13E-15	-2.63127	1	1 CTD-2562J17.4	-
ENSG00000255138	5.13E-15	-2.63127	1	1 GLTPP1	-
ENSG00000255140	5.13E-15	-2.63127	1	1 OR5BN2P	-
ENSG00000255143	5.13E-15	-2.63127	1	1 RP11-805J14.3	-
ENSG00000255144	5.13E-15	-2.63127	1	1 RP11-589N15.1	K18157
ENSG00000255146	5.13E-15	-2.63127	1	1 RP11-659P15.1	-
ENSG00000255147	5.13E-15	-2.63127	1	1 RP11-655M14.4	-
ENSG00000255148	5.13E-15	-2.63127	1	1 RP4-791M13.4	-
ENSG00000255149	5.13E-15	-2.63127	1	1 RP11-97I14.1	K00412
ENSG00000255151	5.13E-15	-2.63127	1	1 GLYATL1P3	-
ENSG00000255152	5.13E-15	-2.63127	1	1 MSH5-SAPCD1	K08741
ENSG00000255154	5.13E-15	-2.63127	1	1 RPP14	K14529
ENSG00000255155	5.13E-15	-2.63127	1	1 RP11-535N6.2	-
ENSG00000255157	5.13E-15	-2.63127	1	1 CTD-2313N18.8	-
ENSG00000255159	5.13E-15	-2.63127	1	1 RP11-318C2.1	-
ENSG00000255161	5.13E-15	-2.63127	1	1 RP11-646J21.7	K09440

ENSG00000255162	5.13E-15	-2.63127	1	1 RP11-358N4.3	-
ENSG00000255163	5.13E-15	-2.63127	1	1 HSPE1P18	K04078
ENSG00000255164	5.13E-15	-2.63127	1	1 RP5-1047A19.4	-
ENSG00000255165	5.13E-15	-2.63127	1	1 CTD-2609K8.3	-
ENSG00000255166	5.13E-15	-2.63127	1	1 RP11-726G23.11	-
ENSG00000255167	5.13E-15	-2.63127	1	1 RP11-670N15.1	-
ENSG00000255168	5.13E-15	-2.63127	1	1 RP11-458D21.5	K02599
ENSG00000255170	5.13E-15	-2.63127	1	1 RP11-313I2.6	K11268
ENSG00000255171	5.13E-15	-2.63127	1	1 RP11-375D13.2	-
ENSG00000255172	5.13E-15	-2.63127	1	1 OR5AM1P	K04257
ENSG00000255173	5.13E-15	-2.63127	1	1 AP003068.12	-
ENSG00000255174	5.13E-15	-2.63127	1	1 RP11-481A20.4	-
ENSG00000255175	5.13E-15	-2.63127	1	1 RP11-277K23.1	-
ENSG00000255176	5.13E-15	-2.63127	1	1 AP002954.3	-
ENSG00000255177	5.13E-15	-2.63127	1	1 RP11-532E4.2	-
ENSG00000255178	5.13E-15	-2.63127	1	1 RP11-686G23.2	-
ENSG00000255179	5.13E-15	-2.63127	1	1 RP11-324J3.1	-
ENSG00000255181	5.13E-15	-2.63127	1	1 CCDC166	-
ENSG00000255183	5.13E-15	-2.63127	1	1 RP11-720D4.3	-
ENSG00000255184	5.13E-15	-2.63127	1	1 RP11-313I2.7	K12019
ENSG00000255187	5.13E-15	-2.63127	1	1 RP11-699F16.2	-
ENSG00000255188	5.13E-15	-2.63127	1	1 RP11-507F16.1	-
ENSG00000255189	5.13E-15	-2.63127	1	1 GLYATL1P1	-
ENSG00000255190	5.13E-15	-2.63127	1	1 TRIM51DP	K12019
ENSG00000255191	5.13E-15	-2.63127	1	1 RP11-626H12.1	-
ENSG00000255192	5.13E-15	-2.63127	1	1 NANOGP8	K10164
ENSG00000255193	5.13E-15	-2.63127	1	1 RP11-945A11.1	-
ENSG00000255194	5.13E-15	-2.63127	1	1 SSU72P2	K15544
ENSG00000255196	5.13E-15	-2.63127	1	1 OR4A17P	K04257
ENSG00000255199	5.13E-15	-2.63127	1	1 RP11-227P3.1	K03121
ENSG00000255202	5.13E-15	-2.63127	1	1 RP4-541C22.5	-
ENSG00000255204	5.13E-15	-2.63127	1	1 RP11-738O11.9	K12019
ENSG00000255205	5.13E-15	-2.63127	1	1 MED28P5	K15141
ENSG00000255206	5.13E-15	-2.63127	1	1 RP11-403D15.2	-
ENSG00000255207	5.13E-15	-2.63127	1	1 RP1-305G21.1	-
ENSG00000255208	5.13E-15	-2.63127	1	1 RP11-794P6.3	-
ENSG00000255209	5.13E-15	-2.63127	1	1 RP11-258O13.1	-
ENSG00000255210	5.13E-15	-2.63127	1	1 RP11-344L21.1	K03013
ENSG00000255211	5.13E-15	-2.63127	1	1 RP11-1195F20.7	K11845
ENSG00000255213	5.13E-15	-2.63127	1	1 NPM1P35	K11276
ENSG00000255214	5.13E-15	-2.63127	1	1 RP11-163O19.10	K12019
ENSG00000255215	5.13E-15	-2.63127	1	1 OR4R1P	K04257
ENSG00000255216	5.13E-15	-2.63127	1	1 RP11-831A10.1	-
ENSG00000255217	5.13E-15	-2.63127	1	1 OR5J7P	K04257
ENSG00000255218	5.13E-15	-2.63127	1	1 OR5BC1P	K04257
ENSG00000255219	5.13E-15	-2.63127	1	1 RP11-716H6.2	-
ENSG00000255220	5.13E-15	-2.63127	1	1 DDX18P5	K13179
ENSG00000255221	5.13E-15	-2.63127	1	1 CARD17	K01370
ENSG00000255222	5.13E-15	-2.63127	1	1 SETP17	K11290
ENSG00000255223	5.13E-15	-2.63127	1	1 OR5M11	K04257
ENSG00000255224	5.13E-15	-2.63127	1	1 CTD-3065J16.9	-
ENSG00000255225	5.13E-15	-2.63127	1	1 OR8B6P	K04257
ENSG00000255226	5.13E-15	-2.63127	1	1 CTD-2210P24.3	-
ENSG00000255227	5.13E-15	-2.63127	1	1 RP11-460B17.2	-
ENSG00000255229	5.13E-15	-2.63127	1	1 RP11-304M2.3	-
ENSG00000255230	5.13E-15	-2.63127	1	1 RP5-901A4.5	K04257
ENSG00000255231	5.13E-15	-2.63127	1	1 MRPS36P4	K17414
ENSG00000255232	5.13E-15	-2.63127	1	1 RP11-438N5.4	-

ENSG00000255233	5.13E-15	-2.63127	1	1 RP11-755E23.3	--
ENSG00000255234	5.13E-15	-2.63127	1	1 RP11-727A23.10	--
ENSG00000255235	5.13E-15	-2.63127	1	1 RP11-313I2.8	--
ENSG00000255238	5.13E-15	-2.63127	1	1 RFPL4AP1	--
ENSG00000255239	5.13E-15	-2.63127	1	1 AP002954.6	K01194
ENSG00000255241	5.13E-15	-2.63127	1	1 RP11-164N3.3	--
ENSG00000255243	5.13E-15	-2.63127	1	1 CTD-2507G9.1	--
ENSG00000255244	5.13E-15	-2.63127	1	1 RP11-583F24.8	--
ENSG00000255245	5.13E-15	-2.63127	1	1 FXYD6-FXYD2	K13363
ENSG00000255246	5.13E-15	-2.63127	1	1 RP11-179A16.2	--
ENSG00000255247	5.13E-15	-2.63127	1	1 CTD-2523D13.1	--
ENSG00000255251	5.13E-15	-2.63127	1	1 PRR23D1	--
ENSG00000255252	5.13E-15	-2.63127	1	1 RP1-65P5.3	--
ENSG00000255253	5.13E-15	-2.63127	1	1 RP11-303G3.9	--
ENSG00000255254	5.13E-15	-2.63127	1	1 HIGD1AP5	--
ENSG00000255255	5.13E-15	-2.63127	1	1 PPP1R1AP1	--
ENSG00000255256	5.13E-15	-2.63127	1	1 RP5-916O11.2	--
ENSG00000255257	5.13E-15	-2.63127	1	1 AC025016.1	--
ENSG00000255258	5.13E-15	-2.63127	1	1 RP11-448P19.1	--
ENSG00000255259	5.13E-15	-2.63127	1	1 ZNF123P	K09228
ENSG00000255260	5.13E-15	-2.63127	1	1 CTD-3224I3.3	--
ENSG00000255261	5.13E-15	-2.63127	1	1 OR7E4P	K04257
ENSG00000255262	5.13E-15	-2.63127	1	1 TCEB2P2	K03873
ENSG00000255265	5.13E-15	-2.63127	1	1 TMA16P1	K14860
ENSG00000255266	5.13E-15	-2.63127	1	1 RP11-734C14.2	K03948
ENSG00000255267	5.13E-15	-2.63127	1	1 RP11-430H10.2	--
ENSG00000255268	5.13E-15	-2.63127	1	1 RP11-707M1.9	K12019
ENSG00000255269	5.13E-15	-2.63127	1	1 RP11-702F3.4	--
ENSG00000255270	5.13E-15	-2.63127	1	1 NAV2-IT1	--
ENSG00000255271	5.13E-15	-2.63127	1	1 RP4-594L9.2	--
ENSG00000255273	5.13E-15	-2.63127	1	1 AF238378.7	K04257
ENSG00000255274	5.13E-15	-2.63127	1	1 TMPRSS4-AS1	--
ENSG00000255275	5.13E-15	-2.63127	1	1 RP13-279N23.2	K04625
ENSG00000255276	5.13E-15	-2.63127	1	1 RRM1-AS1	--
ENSG00000255277	5.13E-15	-2.63127	1	1 ABCC6P2	K05669
ENSG00000255279	5.13E-15	-2.63127	1	1 RP11-375D13.4	--
ENSG00000255280	5.13E-15	-2.63127	1	1 CTD-2530H12.5	K02922
ENSG00000255281	5.13E-15	-2.63127	1	1 RP11-460B17.1	--
ENSG00000255282	5.13E-15	-2.63127	1	1 WTAPP1	--
ENSG00000255283	5.13E-15	-2.63127	1	1 RP11-72M10.4	--
ENSG00000255285	5.13E-15	-2.63127	1	1 RP11-358N4.5	--
ENSG00000255286	5.13E-15	-2.63127	1	1 RP11-708L7.7	K02915
ENSG00000255287	5.13E-15	-2.63127	1	1 SNRPGP16	--
ENSG00000255288	5.13E-15	-2.63127	1	1 RP4-562D20.2	--
ENSG00000255289	5.13E-15	-2.63127	1	1 RP11-91I20.1	--
ENSG00000255291	5.13E-15	-2.63127	1	1 RP11-701I24.1	K10802
ENSG00000255292	5.13E-15	-2.63127	1	1 SDHD	K19537
ENSG00000255293	5.13E-15	-2.63127	1	1 RP11-787P24.1	--
ENSG00000255294	5.13E-15	-2.63127	1	1 OR4A50P	K04257
ENSG00000255295	5.13E-15	-2.63127	1	1 RP11-745I13.1	K11253
ENSG00000255296	5.13E-15	-2.63127	1	1 RP11-757C15.4	K02880
ENSG00000255297	5.13E-15	-2.63127	1	1 OR4A41P	K04257
ENSG00000255298	5.13E-15	-2.63127	1	1 OR8G5	K04257
ENSG00000255299	5.13E-15	-2.63127	1	1 RP11-655C2.3	--
ENSG00000255300	5.13E-15	-2.63127	1	1 RP11-148I19.1	--
ENSG00000255301	5.13E-15	-2.63127	1	1 RP11-624G17.3	--
ENSG00000255303	5.13E-15	-2.63127	1	1 OR5BA1P	K04257
ENSG00000255304	5.13E-15	-2.63127	1	1 OR4A46P	K04257

ENSG00000255305	5.13E-15	-2.63127	1	1 RP11-529A4.7	-
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ENSG00000255309	5.13E-15	-2.63127	1	1 RP11-756D7.1	-
ENSG00000255310	5.13E-15	-2.63127	1	1 AF131215.2	-
ENSG00000255312	5.13E-15	-2.63127	1	1 OR4C7P	K04257
ENSG00000255313	5.13E-15	-2.63127	1	1 RP11-1082L8.2	-
ENSG00000255314	5.13E-15	-2.63127	1	1 RP11-702F3.3	-
ENSG00000255315	5.13E-15	-2.63127	1	1 OR8A3P	K04257
ENSG00000255316	5.13E-15	-2.63127	1	1 RP11-664H7.2	-
ENSG00000255317	5.13E-15	-2.63127	1	1 RP11-688I9.2	-
ENSG00000255321	5.13E-15	-2.63127	1	1 RP11-91I20.4	-
ENSG00000255323	5.13E-15	-2.63127	1	1 CTD-2140G10.1	-
ENSG00000255326	5.13E-15	-2.63127	1	1 CTD-2530H12.4	-
ENSG00000255327	5.13E-15	-2.63127	1	1 RP11-555G19.1	-
ENSG00000255329	5.13E-15	-2.63127	1	1 H2AFZP4	K11251
ENSG00000255330	5.13E-15	-2.63127	1	1 SOGA3	K17985
ENSG00000255331	5.13E-15	-2.63127	1	1 RP11-736I10.2	K16197
ENSG00000255332	5.13E-15	-2.63127	1	1 RP11-201M22.1	-
ENSG00000255333	5.13E-15	-2.63127	1	1 AP000435.3	-
ENSG00000255334	5.13E-15	-2.63127	1	1 RP11-708L7.6	-
ENSG00000255335	5.13E-15	-2.63127	1	1 RP11-358H18.2	-
ENSG00000255336	5.13E-15	-2.63127	1	1 RP11-94P11.3	-
ENSG00000255338	5.13E-15	-2.63127	1	1 RP11-107P7.2	-
ENSG00000255339	5.13E-15	-2.63127	1	1 NDUFB8	K03964
ENSG00000255340	5.13E-15	-2.63127	1	1 RP11-484D2.5	-
ENSG00000255341	5.13E-15	-2.63127	1	1 OR8Q1P	-
ENSG00000255343	5.13E-15	-2.63127	1	1 RP11-299M14.2	-
ENSG00000255344	5.13E-15	-2.63127	1	1 RP11-469N6.2	-
ENSG00000255345	5.13E-15	-2.63127	1	1 CTD-2337I7.1	-
ENSG00000255347	5.13E-15	-2.63127	1	1 RP11-40H19.1	K17578
ENSG00000255348	5.13E-15	-2.63127	1	1 RP11-700F16.3	-
ENSG00000255349	5.13E-15	-2.63127	1	1 OR4A7P	K04257
ENSG00000255350	5.13E-15	-2.63127	1	1 RP11-370I16.3	K02256
ENSG00000255351	5.13E-15	-2.63127	1	1 RP11-567I13.1	-
ENSG00000255352	5.13E-15	-2.63127	1	1 PPP1R10P1	-
ENSG00000255353	5.13E-15	-2.63127	1	1 RP11-382M14.1	K01940
ENSG00000255354	5.13E-15	-2.63127	1	1 RP11-148O21.2	-
ENSG00000255355	5.13E-15	-2.63127	1	1 AP000640.2	-
ENSG00000255356	5.13E-15	-2.63127	1	1 RP11-277E18.2	K10164
ENSG00000255357	5.13E-15	-2.63127	1	1 RP11-34N19.1	-
ENSG00000255358	5.13E-15	-2.63127	1	1 RP11-567O18.1	K18160
ENSG00000255359	5.13E-15	-2.63127	1	1 CCDC179	-
ENSG00000255360	5.13E-15	-2.63127	1	1 RP11-529A4.15	K12019
ENSG00000255361	5.13E-15	-2.63127	1	1 RP11-412B14.2	-
ENSG00000255363	5.13E-15	-2.63127	1	1 RP11-672A2.5	-
ENSG00000255364	5.13E-15	-2.63127	1	1 RP11-94A24.1	-
ENSG00000255365	5.13E-15	-2.63127	1	1 RP11-776K3.1	-
ENSG00000255366	5.13E-15	-2.63127	1	1 RP11-1134I14.8	-
ENSG00000255367	5.13E-15	-2.63127	1	1 RP13-726E6.2	-
ENSG00000255368	5.13E-15	-2.63127	1	1 RP11-54J7.2	K01097
ENSG00000255369	5.13E-15	-2.63127	1	1 RP11-740D6.3	-
ENSG00000255370	5.13E-15	-2.63127	1	1 CYCSP25	K08738
ENSG00000255371	5.13E-15	-2.63127	1	1 OPCML-IT2	-
ENSG00000255372	5.13E-15	-2.63127	1	1 CTD-3064C13.1	-
ENSG00000255374	5.13E-15	-2.63127	1	1 TAS2R43	K08474
ENSG00000255376	5.13E-15	-2.63127	1	1 RP11-360K13.2	-
ENSG00000255377	5.13E-15	-2.63127	1	1 DUXAP5	-
ENSG00000255378	5.13E-15	-2.63127	1	1 PRR23D2	-

ENSG00000255379	5.13E-15	-2.63127	1	1 CYCSP29	K08738
ENSG00000255380	5.13E-15	-2.63127	1	1 RP11-684B20.1	K09228
ENSG00000255381	5.13E-15	-2.63127	1	1 AP001258.5	-
ENSG00000255384	5.13E-15	-2.63127	1	1 RP11-770J1.4	K09186
ENSG00000255385	5.13E-15	-2.63127	1	1 RP11-313I2.2	-
ENSG00000255386	5.13E-15	-2.63127	1	1 OR5BR1P	K04257
ENSG00000255387	5.13E-15	-2.63127	1	1 RP11-23F23.3	K05762
ENSG00000255388	5.13E-15	-2.63127	1	1 RP11-124G5.3	-
ENSG00000255390	5.13E-15	-2.63127	1	1 RP11-732A19.5	-
ENSG00000255391	5.13E-15	-2.63127	1	1 CTD-2028E8.1	K11296
ENSG00000255393	5.13E-15	-2.63127	1	1 RP11-736I10.1	-
ENSG00000255394	5.13E-15	-2.63127	1	1 C8orf49	-
ENSG00000255395	5.13E-15	-2.63127	1	1 CTD-2562J17.2	-
ENSG00000255396	5.13E-15	-2.63127	1	1 AP000857.2	-
ENSG00000255399	5.13E-15	-2.63127	1	1 TBX5-AS1	-
ENSG00000255401	5.13E-15	-2.63127	1	1 RP11-15D14.2	K01412
ENSG00000255402	5.13E-15	-2.63127	1	1 RP11-696P8.2	-
ENSG00000255403	5.13E-15	-2.63127	1	1 AP000641.1	K04077
ENSG00000255404	5.13E-15	-2.63127	1	1 RP11-770G2.5	-
ENSG00000255406	5.13E-15	-2.63127	1	1 RP11-713P17.5	-
ENSG00000255408	5.13E-15	-2.63127	1	1 PCDHA3	K16493
ENSG00000255410	5.13E-15	-2.63127	1	1 RP11-732A19.6	-
ENSG00000255411	5.13E-15	-2.63127	1	1 RP11-98J9.1	-
ENSG00000255413	5.13E-15	-2.63127	1	1 RP11-436P7.2	-
ENSG00000255415	5.13E-15	-2.63127	1	1 RP11-684B2.5	K04257
ENSG00000255416	5.13E-15	-2.63127	1	1 OR10AF1P	K04257
ENSG00000255417	5.13E-15	-2.63127	1	1 RP11-370I6.4	-
ENSG00000255418	5.13E-15	-2.63127	1	1 RP11-266A24.1	-
ENSG00000255422	5.13E-15	-2.63127	1	1 AP002954.4	-
ENSG00000255424	5.13E-15	-2.63127	1	1 RP11-589F4.2	K08396
ENSG00000255425	5.13E-15	-2.63127	1	1 OR8G3P	K04257
ENSG00000255426	5.13E-15	-2.63127	1	1 CTD-2210P24.2	-
ENSG00000255428	5.13E-15	-2.63127	1	1 RP11-794P6.1	-
ENSG00000255429	5.13E-15	-2.63127	1	1 RP11-643G5.6	-
ENSG00000255430	5.13E-15	-2.63127	1	1 CASP1P1	K01370
ENSG00000255431	5.13E-15	-2.63127	1	1 OR5B19P	K04257
ENSG00000255432	5.13E-15	-2.63127	1	1 RP11-831H9.11	K13142
ENSG00000255433	5.13E-15	-2.63127	1	1 AP000479.1	-
ENSG00000255435	5.13E-15	-2.63127	1	1 RP11-770J1.3	-
ENSG00000255436	5.13E-15	-2.63127	1	1 Z95704.2	K09228
ENSG00000255437	5.13E-15	-2.63127	1	1 RP11-510I21.1	-
ENSG00000255438	5.13E-15	-2.63127	1	1 CTD-2653D5.1	-
ENSG00000255441	5.13E-15	-2.63127	1	1 CTD-2616J11.2	-
ENSG00000255442	5.13E-15	-2.63127	1	1 RP11-347H15.1	K11141
ENSG00000255444	5.13E-15	-2.63127	1	1 CYCSP27	K08738
ENSG00000255446	5.13E-15	-2.63127	1	1 CTD-2531D15.4	-
ENSG00000255447	5.13E-15	-2.63127	1	1 CTD-2210P24.6	-
ENSG00000255448	5.13E-15	-2.63127	1	1 RP1-59M18.2	-
ENSG00000255450	5.13E-15	-2.63127	1	1 CTD-2063L20.1	K03231
ENSG00000255451	5.13E-15	-2.63127	1	1 RP11-58K22.1	-
ENSG00000255452	5.13E-15	-2.63127	1	1 RP11-107P7.1	K12019
ENSG00000255454	5.13E-15	-2.63127	1	1 RP11-46P12.1	-
ENSG00000255456	5.13E-15	-2.63127	1	1 CTD-2517M22.9	-
ENSG00000255457	5.13E-15	-2.63127	1	1 RP11-436P7.1	K16939
ENSG00000255459	5.13E-15	-2.63127	1	1 RP11-52B19.10	K02927
ENSG00000255460	5.13E-15	-2.63127	1	1 ZDHHC20P3	-
ENSG00000255461	5.13E-15	-2.63127	1	1 OR8I1P	K04257
ENSG00000255462	5.13E-15	-2.63127	1	1 RP11-483L5.1	-

ENSG00000255463	5.13E-15	-2.63127	1	1 RP11-16F15.4	K13499
ENSG00000255464	5.13E-15	-2.63127	1	1 RP11-585F1.2	K16941
ENSG00000255465	5.13E-15	-2.63127	1	1 RP11-264E20.1	-
ENSG00000255466	5.13E-15	-2.63127	1	1 OR5AL2P	K04257
ENSG00000255467	5.13E-15	-2.63127	1	1 RP11-144G7.2	-
ENSG00000255469	5.13E-15	-2.63127	1	1 RP11-725K16.2	-
ENSG00000255470	5.13E-15	-2.63127	1	1 RP11-113D6.6	-
ENSG00000255472	5.13E-15	-2.63127	1	1 RP11-998D10.1	-
ENSG00000255475	5.13E-15	-2.63127	1	1 RP11-687M24.4	-
ENSG00000255476	5.13E-15	-2.63127	1	1 RP11-1H15.2	-
ENSG00000255479	5.13E-15	-2.63127	1	1 RP11-672A2.6	-
ENSG00000255480	5.13E-15	-2.63127	1	1 RP4-710M3.2	-
ENSG00000255481	5.13E-15	-2.63127	1	1 OR56A7P	K04257
ENSG00000255482	5.13E-15	-2.63127	1	1 RP11-315O6.2	-
ENSG00000255483	5.13E-15	-2.63127	1	1 AP000889.2	-
ENSG00000255484	5.13E-15	-2.63127	1	1 RP11-65M17.1	-
ENSG00000255485	5.13E-15	-2.63127	1	1 OR5G4P	K04257
ENSG00000255486	5.13E-15	-2.63127	1	1 RP11-313I2.13	-
ENSG00000255487	5.13E-15	-2.63127	1	1 RP11-513D5.5	-
ENSG00000255489	5.13E-15	-2.63127	1	1 CTC-830E23.1	K11299
ENSG00000255490	5.13E-15	-2.63127	1	1 EIF4A2P5	K03257
ENSG00000255491	5.13E-15	-2.63127	1	1 RP11-1082L8.4	-
ENSG00000255492	5.13E-15	-2.63127	1	1 CTD-2381F24.1	K11253
ENSG00000255493	5.13E-15	-2.63127	1	1 RP11-131J4.12	K04257
ENSG00000255494	5.13E-15	-2.63127	1	1 LINC00681	-
ENSG00000255495	5.13E-15	-2.63127	1	1 FAM85A	-
ENSG00000255496	5.13E-15	-2.63127	1	1 RP11-587D21.4	-
ENSG00000255497	5.13E-15	-2.63127	1	1 RP11-726G23.12	-
ENSG00000255498	5.13E-15	-2.63127	1	1 RP11-618K13.2	-
ENSG00000255499	5.13E-15	-2.63127	1	1 RP11-738O11.12	-
ENSG00000255500	5.13E-15	-2.63127	1	1 RP11-347H15.2	K09680
ENSG00000255501	5.13E-15	-2.63127	1	1 CARD18	K12806
ENSG00000255502	5.13E-15	-2.63127	1	1 RP11-379J13.2	-
ENSG00000255504	5.13E-15	-2.63127	1	1 RP11-788M5.3	K18085
ENSG00000255505	5.13E-15	-2.63127	1	1 RP11-485O14.1	-
ENSG00000255506	5.13E-15	-2.63127	1	1 RP11-203F8.1	-
ENSG00000255510	5.13E-15	-2.63127	1	1 OR8A2P	K04257
ENSG00000255511	5.13E-15	-2.63127	1	1 RP11-1081L13.3	K13402
ENSG00000255512	5.13E-15	-2.63127	1	1 AP005135.2	-
ENSG00000255513	5.13E-15	-2.63127	1	1 AC005363.9	-
ENSG00000255514	5.13E-15	-2.63127	1	1 OR4B2P	K04257
ENSG00000255515	5.13E-15	-2.63127	1	1 RP11-178H8.3	K19589
ENSG00000255516	5.13E-15	-2.63127	1	1 RP11-164N3.1	-
ENSG00000255518	5.13E-15	-2.63127	1	1 RP11-148O21.4	-
ENSG00000255519	5.13E-15	-2.63127	1	1 RP11-958J22.2	K11300
ENSG00000255520	5.13E-15	-2.63127	1	1 RP11-390K5.3	-
ENSG00000255522	5.13E-15	-2.63127	1	1 RP13-726E6.3	K11095
ENSG00000255523	5.13E-15	-2.63127	1	1 RP11-780O24.2	-
ENSG00000255525	5.13E-15	-2.63127	1	1 RP1-296L11.1	-
ENSG00000255527	5.13E-15	-2.63127	1	1 RP11-56P9.4	K12019
ENSG00000255528	5.13E-15	-2.63127	1	1 RP11-25I9.2	-
ENSG00000255530	5.13E-15	-2.63127	1	1 RP5-1047A19.6	K09228
ENSG00000255531	5.13E-15	-2.63127	1	1 NDUFS5P6	-
ENSG00000255532	5.13E-15	-2.63127	1	1 CTD-2026G22.1	-
ENSG00000255533	5.13E-15	-2.63127	1	1 RP11-326C3.4	K17403
ENSG00000255534	5.13E-15	-2.63127	1	1 OR4A43P	K04257
ENSG00000255535	5.13E-15	-2.63127	1	1 RP11-679I18.4	K02866
ENSG00000255536	5.13E-15	-2.63127	1	1 RP11-583F24.5	K08396

ENSG00000255537	5.13E-15	-2.63127	1	1 AP000708.1	K17985
ENSG00000255538	5.13E-15	-2.63127	1	1 OR10V2P	K04257
ENSG00000255539	5.13E-15	-2.63127	1	1 CTA-797E19.2	-
ENSG00000255540	5.13E-15	-2.63127	1	1 RP11-313I2.5	-
ENSG00000255541	5.13E-15	-2.63127	1	1 RP11-727A23.8	K02219
ENSG00000255542	5.13E-15	-2.63127	1	1 RP4-683L5.1	-
ENSG00000255543	5.13E-15	-2.63127	1	1 RP11-72M10.2	K12019
ENSG00000255544	5.13E-15	-2.63127	1	1 DEFB108P3	-
ENSG00000255545	5.13E-15	-2.63127	1	1 RP11-627G23.1	-
ENSG00000255546	5.13E-15	-2.63127	1	1 RP11-168K9.1	-
ENSG00000255547	5.13E-15	-2.63127	1	1 RPA2P3	K10739
ENSG00000255548	5.13E-15	-2.63127	1	1 RP11-617B3.2	-
ENSG00000255549	5.13E-15	-2.63127	1	1 ENPP7P6	K12354
ENSG00000255550	5.13E-15	-2.63127	1	1 RP11-163O19.11	-
ENSG00000255551	5.13E-15	-2.63127	1	1 RP11-56P9.5	-
ENSG00000255552	5.13E-15	-2.63127	1	1 LY6G6E	K06846
ENSG00000255554	5.13E-15	-2.63127	1	1 OR7E1P	K04257
ENSG00000255555	5.13E-15	-2.63127	1	1 AP000857.3	-
ENSG00000255556	5.13E-15	-2.63127	1	1 RP11-351I21.6	K11845
ENSG00000255558	5.13E-15	-2.63127	1	1 CTC-497E21.5	-
ENSG00000255560	5.13E-15	-2.63127	1	1 OR4R2P	-
ENSG00000255561	5.13E-15	-2.63127	1	1 FDXACB1	K03846
ENSG00000255562	5.13E-15	-2.63127	1	1 UNC93B6	K04257
ENSG00000255563	5.13E-15	-2.63127	1	1 RP11-124G5.2	K10140
ENSG00000255569	5.13E-15	-2.63127	1	1 TRAV1-1	-
ENSG00000255571	5.13E-15	-2.63127	1	1 LINC00925	-
ENSG00000255575	5.13E-15	-2.63127	1	1 RP1-267D11.1	K16742
ENSG00000255580	5.13E-15	-2.63127	1	1 AP000462.2	-
ENSG00000255581	5.13E-15	-2.63127	1	1 RP11-69M1.4	K04077
ENSG00000255582	5.13E-15	-2.63127	1	1 OR10G2	K04257
ENSG00000255583	5.13E-15	-2.63127	1	1 RP11-415I12.2	K10185
ENSG00000255585	5.13E-15	-2.63127	1	1 RP11-188C12.2	K09400
ENSG00000255587	5.13E-15	-2.63127	1	1 RAB44	-
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ENSG00000255594	5.13E-15	-2.63127	1	1 Z82188.1	-
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ENSG00000255599	5.13E-15	-2.63127	1	1 AP000997.1	-
ENSG00000255605	5.13E-15	-2.63127	1	1 RP11-644L4.1	-
ENSG00000255606	5.13E-15	-2.63127	1	1 AP000439.2	-
ENSG00000255608	5.13E-15	-2.63127	1	1 RP3-377H17.2	-
ENSG00000255618	5.13E-15	-2.63127	1	1 RP11-357K6.1	-
ENSG00000255622	5.13E-15	-2.63127	1	1 PCDHB17	K16494
ENSG00000255627	5.13E-15	-2.63127	1	1 RP11-547L9.1	K16339
ENSG00000255628	5.13E-15	-2.63127	1	1 RP11-313F23.3	-
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ENSG00000255637	5.13E-15	-2.63127	1	1 AC109992.1	-
ENSG00000255639	5.13E-15	-2.63127	1	1 RP11-234B24.6	K00710
ENSG00000255642	5.13E-15	-2.63127	1	1 PABPC1P4	K13126
ENSG00000255644	5.13E-15	-2.63127	1	1 RP11-59N23.1	-
ENSG00000255648	5.13E-15	-2.63127	1	1 RP11-361I14.2	-
ENSG00000255649	5.13E-15	-2.63127	1	1 RP11-502N13.2	-
ENSG00000255652	5.13E-15	-2.63127	1	1 RP11-313F23.4	-
ENSG00000255653	5.13E-15	-2.63127	1	1 RP11-60C6.3	-
ENSG00000255655	5.13E-15	-2.63127	1	1 RP11-256L11.3	-
ENSG00000255660	5.13E-15	-2.63127	1	1 RERG-AS1	-
ENSG00000255663	5.13E-15	-2.63127	1	1 RP11-212D19.4	K13188
ENSG00000255664	5.13E-15	-2.63127	1	1 ARL6IP1P1	-
ENSG00000255666	5.13E-15	-2.63127	1	1 RP11-867G2.6	-

ENSG00000255669	5.13E-15	-2.63127	1	1 RP11-885B4.2	--
ENSG00000255671	5.13E-15	-2.63127	1	1 RP11-283I3.1	--
ENSG00000255672	5.13E-15	-2.63127	1	1 RP11-45F15.2	--
ENSG00000255674	5.13E-15	-2.63127	1	1 AC013718.1	--
ENSG00000255679	5.13E-15	-2.63127	1	1 JRKL-AS1	--
ENSG00000255680	5.13E-15	-2.63127	1	1 RP11-732A19.9	--
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ENSG00000255686	5.13E-15	-2.63127	1	1 RP11-227B21.2	--
ENSG00000255689	5.13E-15	-2.63127	1	1 RP11-136I14.5	--
ENSG00000255690	5.13E-15	-2.63127	1	1 AC005013.1	--
ENSG00000255692	5.13E-15	-2.63127	1	1 RP1-127H14.3	K16308
ENSG00000255700	5.13E-15	-2.63127	1	1 APOOP3	--
ENSG00000255701	5.13E-15	-2.63127	1	1 AC090953.1	K06115
ENSG00000255703	5.13E-15	-2.63127	1	1 RP11-46H11.2	K12845
ENSG00000255704	5.13E-15	-2.63127	1	1 RP11-292I17.1	--
ENSG00000255713	5.13E-15	-2.63127	1	1 OR4D2	K04257
ENSG00000255714	5.13E-15	-2.63127	1	1 RP11-121J20.1	--
ENSG00000255723	5.13E-15	-2.63127	1	1 RP11-529H2.2	--
ENSG00000255726	5.13E-15	-2.63127	1	1 XXbac-BPG299F13.	--
ENSG00000255727	5.13E-15	-2.63127	1	1 RP11-508P1.2	--
ENSG00000255730	5.13E-15	-2.63127	1	1 CTC-435M10.3	K00166
ENSG00000255733	5.13E-15	-2.63127	1	1 IFNG-AS1	--
ENSG00000255734	5.13E-15	-2.63127	1	1 HNRNPABP1	K13044
ENSG00000255735	5.13E-15	-2.63127	1	1 AC110619.1	--
ENSG00000255740	5.13E-15	-2.63127	1	1 RP11-239A17.1	--
ENSG00000255741	5.13E-15	-2.63127	1	1 RP11-757G1.5	--
ENSG00000255743	5.13E-15	-2.63127	1	1 AL360078.1	--
ENSG00000255745	5.13E-15	-2.63127	1	1 RP11-625L16.1	--
ENSG00000255749	5.13E-15	-2.63127	1	1 GNAI2P1	K04630
ENSG00000255750	5.13E-15	-2.63127	1	1 RP11-283G6.5	--
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ENSG00000255757	5.13E-15	-2.63127	1	1 RP11-749H20.3	--
ENSG00000255760	5.13E-15	-2.63127	1	1 RP11-428G5.5	--
ENSG00000255763	5.13E-15	-2.63127	1	1 MRPS18CP4	K02963
ENSG00000255767	5.13E-15	-2.63127	1	1 RP13-512J5.1	K03469
ENSG00000255772	5.13E-15	-2.63127	1	1 GS1-410F4.4	--
ENSG00000255775	5.13E-15	-2.63127	1	1 RP3-454B23.1	--
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ENSG00000255780	5.13E-15	-2.63127	1	1 RP11-1029F8.1	--
ENSG00000255782	5.13E-15	-2.63127	1	1 Z83840.1	--
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ENSG00000255790	5.13E-15	-2.63127	1	1 RP11-711K1.7	--
ENSG00000255794	5.13E-15	-2.63127	1	1 RMST	--
ENSG00000255798	5.13E-15	-2.63127	1	1 RP11-817J15.3	--
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ENSG00000255801	5.13E-15	-2.63127	1	1 RP11-561P12.5	--
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ENSG00000255807	5.13E-15	-2.63127	1	1 PTP4A1P2	K18041
ENSG00000255811	5.13E-15	-2.63127	1	1 RP1-34M23.5	--
ENSG00000255813	5.13E-15	-2.63127	1	1 AL162497.1	--
ENSG00000255814	5.13E-15	-2.63127	1	1 RP11-357K6.2	--
ENSG00000255815	5.13E-15	-2.63127	1	1 KRT8P11	K07605
ENSG00000255824	5.13E-15	-2.63127	1	1 AL590369.1	K02927
ENSG00000255825	5.13E-15	-2.63127	1	1 RP5-1154L15.1	--
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ENSG00000255831	5.13E-15	-2.63127	1	1 AL139385.1	--
ENSG00000255833	5.13E-15	-2.63127	1	1 TIFAB	--
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ENSG00000255838	5.13E-15	-2.63127	1	1 RP11-753B7.2	K00944
ENSG00000255840	5.13E-15	-2.63127	1	1 AC022555.1	-
ENSG00000255845	5.13E-15	-2.63127	1	1 RP11-804A23.1	-
ENSG00000255850	5.13E-15	-2.63127	1	1 TMEM5-AS1	-
ENSG00000255851	5.13E-15	-2.63127	1	1 AC061975.9	K09254
ENSG00000255853	5.13E-15	-2.63127	1	1 RP11-407A16.1	K10841
ENSG00000255854	5.13E-15	-2.63127	1	1 PPIAL4B	K12738
ENSG00000255855	5.13E-15	-2.63127	1	1 RP11-735A19.2	K06709
ENSG00000255856	5.13E-15	-2.63127	1	1 RP11-87C12.5	-
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ENSG00000255864	5.13E-15	-2.63127	1	1 RP11-444D3.1	-
ENSG00000255866	5.13E-15	-2.63127	1	1 RP11-221N13.2	-
ENSG00000255870	5.13E-15	-2.63127	1	1 RP11-667M19.5	K11247
ENSG00000255872	5.13E-15	-2.63127	1	1 RP11-613M10.9	K03681
ENSG00000255875	5.13E-15	-2.63127	1	1 CTD-2102P23.1	K14396
ENSG00000255882	5.13E-15	-2.63127	1	1 RP11-290C10.1	-
ENSG00000255885	5.13E-15	-2.63127	1	1 RP11-815D16.1	K12755
ENSG00000255886	5.13E-15	-2.63127	1	1 RP11-196H14.2	-
ENSG00000255892	5.13E-15	-2.63127	1	1 RP11-459D22.2	-
ENSG00000255899	5.13E-15	-2.63127	1	1 XXbac-BPG299F13.	-
ENSG00000255900	5.13E-15	-2.63127	1	1 RP11-407A16.8	-
ENSG00000255902	5.13E-15	-2.63127	1	1 AP001062.1	-
ENSG00000255903	5.13E-15	-2.63127	1	1 RP11-136I14.4	K02870
ENSG00000255905	5.13E-15	-2.63127	1	1 AL391319.1	-
ENSG00000255909	5.13E-15	-2.63127	1	1 RP11-841C19.3	K06875
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ENSG00000255916	5.13E-15	-2.63127	1	1 RP13-895J2.7	-
ENSG00000255919	5.13E-15	-2.63127	1	1 AC226150.3	K05073
ENSG00000255920	5.13E-15	-2.63127	1	1 CCND2-AS2	-
ENSG00000255921	5.13E-15	-2.63127	1	1 RP11-662I13.2	-
ENSG00000255923	5.13E-15	-2.63127	1	1 RP11-983C2.1	K17599
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ENSG00000255929	5.13E-15	-2.63127	1	1 RP11-867G2.8	-
ENSG00000255931	5.13E-15	-2.63127	1	1 RP11-286N22.10	-
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ENSG00000255944	5.13E-15	-2.63127	1	1 RP11-407A16.4	-
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ENSG00000255949	5.13E-15	-2.63127	1	1 AP003419.16	-
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ENSG00000255958	5.13E-15	-2.63127	1	1 RP11-656E20.5	-
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ENSG00000255963	5.13E-15	-2.63127	1	1 PPIAL4A	K12738
ENSG00000255964	5.13E-15	-2.63127	1	1 RP11-69M1.3	K04077
ENSG00000255965	5.13E-15	-2.63127	1	1 RP11-408I18.9	-
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ENSG00000255973	5.13E-15	-2.63127	1	1 RP11-592H6.3	K10419
ENSG00000255976	5.13E-15	-2.63127	1	1 RAB11AP2	-
ENSG00000255977	5.13E-15	-2.63127	1	1 RP11-444J21.2	K04644
ENSG00000255980	5.13E-15	-2.63127	1	1 AP000439.1	-
ENSG00000255982	5.13E-15	-2.63127	1	1 NXPE2P1	-
ENSG00000255983	5.13E-15	-2.63127	1	1 RP11-1038A11.1	-
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ENSG00000255991	5.13E-15	-2.63127	1	1 RP11-242C24.2	K02936
ENSG00000255993	5.13E-15	-2.63127	1	1 PSMC1P9	K03062
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ENSG00000256014	5.13E-15	-2.63127	1	1 AL031390.1	-
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ENSG00000256020	5.13E-15	-2.63127	1	1 RP5-1154L15.2	-
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ENSG00000256022	5.13E-15	-2.63127	1	1 RP11-526P6.1	-
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ENSG00000256029	5.13E-15	-2.63127	1	1 RP11-190A12.7	-
ENSG00000256031	5.13E-15	-2.63127	1	1 RP11-364C11.3	-
ENSG00000256034	5.13E-15	-2.63127	1	1 RP11-707G14.1	-
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ENSG00000256040	5.13E-15	-2.63127	1	1 PAPPAS-AS1	-
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ENSG00000256043	5.13E-15	-2.63127	1	1 CTSO	K01374
ENSG00000256044	5.13E-15	-2.63127	1	1 RP11-324E6.4	-
ENSG00000256045	5.13E-15	-2.63127	1	1 MTRNR2L10	K01982
ENSG00000256049	5.13E-15	-2.63127	1	1 PADI6	-
ENSG00000256056	5.13E-15	-2.63127	1	1 RP11-709A23.2	-
ENSG00000256064	5.13E-15	-2.63127	1	1 RP11-117L5.4	-
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ENSG00000256070	5.13E-15	-2.63127	1	1 RP11-56H16.1	K09560
ENSG00000256071	5.13E-15	-2.63127	1	1 RP11-465L8.1	-
ENSG00000256072	5.13E-15	-2.63127	1	1 RP11-335I12.2	-
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ENSG00000256077	5.13E-15	-2.63127	1	1 RP11-335O4.1	-
ENSG00000256079	5.13E-15	-2.63127	1	1 RP11-318G8.2	-
ENSG00000256081	5.13E-15	-2.63127	1	1 AE000658.25	K18584
ENSG00000256083	5.13E-15	-2.63127	1	1 RP11-366L20.3	-
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ENSG00000256085	5.13E-15	-2.63127	1	1 RP11-337L12.1	-
ENSG00000256091	5.13E-15	-2.63127	1	1 RP11-627G1.1	K02835
ENSG00000256093	5.13E-15	-2.63127	1	1 RP11-158L12.2	K17772
ENSG00000256098	5.13E-15	-2.63127	1	1 RP11-691F15.1	-
ENSG00000256100	5.13E-15	-2.63127	1	1 AP000721.4	K02273
ENSG00000256101	5.13E-15	-2.63127	1	1 RP11-90D4.3	-
ENSG00000256103	5.13E-15	-2.63127	1	1 RP1-96H9.5	K02130
ENSG00000256108	5.13E-15	-2.63127	1	1 RP13-672B3.5	-
ENSG00000256115	5.13E-15	-2.63127	1	1 RP11-319E16.1	-
ENSG00000256120	5.13E-15	-2.63127	1	1 RP11-778H2.1	-
ENSG00000256121	5.13E-15	-2.63127	1	1 AC010296.1	-
ENSG00000256122	5.13E-15	-2.63127	1	1 AC093334.1	-
ENSG00000256124	5.13E-15	-2.63127	1	1 LINC01152	-
ENSG00000256125	5.13E-15	-2.63127	1	1 RP5-944M2.4	K13120
ENSG00000256128	5.13E-15	-2.63127	1	1 LINC00944	-
ENSG00000256134	5.13E-15	-2.63127	1	1 RP11-674J14.3	K09592
ENSG00000256136	5.13E-15	-2.63127	1	1 RP11-113C12.8	K04257
ENSG00000256137	5.13E-15	-2.63127	1	1 RP11-174M13.2	-

ENSG00000256138	5.13E-15	-2.63127	1	1 RP11-127B1.1	K09229
ENSG00000256142	5.13E-15	-2.63127	1	1 AL513327.1	-
ENSG00000256143	5.13E-15	-2.63127	1	1 Z95704.5	K02927
ENSG00000256146	5.13E-15	-2.63127	1	1 RP11-319E16.2	-
ENSG00000256148	5.13E-15	-2.63127	1	1 RP11-809N8.5	K02256
ENSG00000256149	5.13E-15	-2.63127	1	1 RP11-357K6.3	-
ENSG00000256150	5.13E-15	-2.63127	1	1 RP11-885B4.1	-
ENSG00000256151	5.13E-15	-2.63127	1	1 RP11-76C10.5	-
ENSG00000256152	5.13E-15	-2.63127	1	1 RP11-463O12.3	-
ENSG00000256157	5.13E-15	-2.63127	1	1 RP11-80N2.2	K11887
ENSG00000256162	5.13E-15	-2.63127	1	1 SMLR1	-
ENSG00000256164	5.13E-15	-2.63127	1	1 CCND2-AS1	-
ENSG00000256166	5.13E-15	-2.63127	1	1 XXbac-BPG248L24.	-
ENSG00000256167	5.13E-15	-2.63127	1	1 ATF4P4	K04374
ENSG00000256171	5.13E-15	-2.63127	1	1 GCSHP4	K02437
ENSG00000256172	5.13E-15	-2.63127	1	1 RP11-473M14.3	-
ENSG00000256178	5.13E-15	-2.63127	1	1 AC004889.1	-
ENSG00000256181	5.13E-15	-2.63127	1	1 AP000438.4	K08206
ENSG00000256182	5.13E-15	-2.63127	1	1 AL590325.1	-
ENSG00000256186	5.13E-15	-2.63127	1	1 AL732372.1	K14404
ENSG00000256188	5.13E-15	-2.63127	1	1 TAS2R30	K08474
ENSG00000256189	5.13E-15	-2.63127	1	1 RP11-167N4.5	-
ENSG00000256192	5.13E-15	-2.63127	1	1 RP11-290I21.2	-
ENSG00000256193	5.13E-15	-2.63127	1	1 LINC00507	-
ENSG00000256197	5.13E-15	-2.63127	1	1 TSPAN9-IT1	-
ENSG00000256199	5.13E-15	-2.63127	1	1 RP11-439H13.2	-
ENSG00000256204	5.13E-15	-2.63127	1	1 RP11-243M5.1	-
ENSG00000256206	5.13E-15	-2.63127	1	1 PSMA1	K02725
ENSG00000256209	5.13E-15	-2.63127	1	1 RP11-897M7.1	-
ENSG00000256211	5.13E-15	-2.63127	1	1 RP11-1018J11.1	K03094
ENSG00000256212	5.13E-15	-2.63127	1	1 AL773602.1	-
ENSG00000256218	5.13E-15	-2.63127	1	1 RP11-1038A11.2	-
ENSG00000256220	5.13E-15	-2.63127	1	1 CTD-2331C18.5	-
ENSG00000256221	5.13E-15	-2.63127	1	1 AE000661.36	-
ENSG00000256222	5.13E-15	-2.63127	1	1 MTRNR2L3	K01982
ENSG00000256225	5.13E-15	-2.63127	1	1 AL590710.1	-
ENSG00000256226	5.13E-15	-2.63127	1	1 RP11-582E3.2	-
ENSG00000256229	5.13E-15	-2.63127	1	1 ZNF486	K09228
ENSG00000256232	5.13E-15	-2.63127	1	1 RP11-771K4.1	-
ENSG00000256235	5.13E-15	-2.63127	1	1 SMIM3	-
ENSG00000256237	5.13E-15	-2.63127	1	1 RP11-434C1.2	-
ENSG00000256239	5.13E-15	-2.63127	1	1 AL589642.1	K03125
ENSG00000256240	5.13E-15	-2.63127	1	1 AC010620.1	K09228
ENSG00000256248	5.13E-15	-2.63127	1	1 RP11-123O10.4	-
ENSG00000256249	5.13E-15	-2.63127	1	1 RP11-324E6.6	-
ENSG00000256254	5.13E-15	-2.63127	1	1 AP000647.3	K17592
ENSG00000256256	5.13E-15	-2.63127	1	1 RP11-443N24.4	-
ENSG00000256257	5.13E-15	-2.63127	1	1 CACNA1C-IT2	-
ENSG00000256258	5.13E-15	-2.63127	1	1 RP11-495K9.9	-
ENSG00000256259	5.13E-15	-2.63127	1	1 RP11-366L20.4	-
ENSG00000256261	5.13E-15	-2.63127	1	1 AC104698.1	-
ENSG00000256262	5.13E-15	-2.63127	1	1 USP30-AS1	-
ENSG00000256271	5.13E-15	-2.63127	1	1 CACNA1C-AS2	-
ENSG00000256273	5.13E-15	-2.63127	1	1 RP11-71J4.2	-
ENSG00000256274	5.13E-15	-2.63127	1	1 TAS2R64P	K08474
ENSG00000256276	5.13E-15	-2.63127	1	1 RP5-916L7.2	-
ENSG00000256280	5.13E-15	-2.63127	1	1 RP11-466C23.5	K02140
ENSG00000256281	5.13E-15	-2.63127	1	1 RP11-136I14.2	-

ENSG00000256283	5.13E-15	-2.63127	1	1 RP11-365O10.1	--
ENSG00000256285	5.13E-15	-2.63127	1	1 OSBPL9P5	--
ENSG00000256286	5.13E-15	-2.63127	1	1 RP11-983C2.3	--
ENSG00000256292	5.13E-15	-2.63127	1	1 RP11-955H22.1	--
ENSG00000256295	5.13E-15	-2.63127	1	1 AC005086.2	K02159
ENSG00000256298	5.13E-15	-2.63127	1	1 RP11-474D1.1	--
ENSG00000256301	5.13E-15	-2.63127	1	1 AC138031.2	K14404
ENSG00000256305	5.13E-15	-2.63127	1	1 AL359757.1	--
ENSG00000256306	5.13E-15	-2.63127	1	1 RP11-4N23.1	--
ENSG00000256309	5.13E-15	-2.63127	1	1 AC009469.1	--
ENSG00000256310	5.13E-15	-2.63127	1	1 NDUFA5P6	K03949
ENSG00000256311	5.13E-15	-2.63127	1	1 RP11-64B16.5	--
ENSG00000256312	5.13E-15	-2.63127	1	1 RP13-977J11.8	--
ENSG00000256314	5.13E-15	-2.63127	1	1 RP11-338E21.3	--
ENSG00000256315	5.13E-15	-2.63127	1	1 AP000462.1	--
ENSG00000256321	5.13E-15	-2.63127	1	1 RP11-153K16.1	--
ENSG00000256323	5.13E-15	-2.63127	1	1 AL049542.1	--
ENSG00000256331	5.13E-15	-2.63127	1	1 NIFKP3	K14838
ENSG00000256338	5.13E-15	-2.63127	1	1 RPL41P2	K02928
ENSG00000256339	5.13E-15	-2.63127	1	1 RP11-233G1.4	--
ENSG00000256340	5.13E-15	-2.63127	1	1 ABCC6P1	K05669
ENSG00000256341	5.13E-15	-2.63127	1	1 RP11-21A7A.3	--
ENSG00000256342	5.13E-15	-2.63127	1	1 RP3-446N13.1	--
ENSG00000256343	5.13E-15	-2.63127	1	1 RP11-662M24.1	--
ENSG00000256346	5.13E-15	-2.63127	1	1 RP11-72J9.1	--
ENSG00000256347	5.13E-15	-2.63127	1	1 OR8R1P	--
ENSG00000256349	5.13E-15	-2.63127	1	1 CTD-3074O7.11	K16746
ENSG00000256350	5.13E-15	-2.63127	1	1 AE000658.30	K19327
ENSG00000256352	5.13E-15	-2.63127	1	1 AL109922.2	--
ENSG00000256353	5.13E-15	-2.63127	1	1 RP11-686N4.1	--
ENSG00000256354	5.13E-15	-2.63127	1	1 AC104304.1	--
ENSG00000256355	5.13E-15	-2.63127	1	1 NTAN1P3	--
ENSG00000256357	5.13E-15	-2.63127	1	1 RP11-349I1.2	--
ENSG00000256358	5.13E-15	-2.63127	1	1 RPL31P57	K02910
ENSG00000256362	5.13E-15	-2.63127	1	1 RP11-955H22.3	--
ENSG00000256364	5.13E-15	-2.63127	1	1 RP11-173P15.3	--
ENSG00000256371	5.13E-15	-2.63127	1	1 RP11-359J14.3	--
ENSG00000256372	5.13E-15	-2.63127	1	1 RP11-428G5.4	--
ENSG00000256373	5.13E-15	-2.63127	1	1 RP11-711K1.8	--
ENSG00000256374	5.13E-15	-2.63127	1	1 PPIAL4D	K12738
ENSG00000256378	5.13E-15	-2.63127	1	1 RP11-993B23.1	--
ENSG00000256379	5.13E-15	-2.63127	1	1 TRAV8-5	--
ENSG00000256385	5.13E-15	-2.63127	1	1 AE000658.27	K10580
ENSG00000256386	5.13E-15	-2.63127	1	1 AP000244.1	--
ENSG00000256389	5.13E-15	-2.63127	1	1 RP11-606D9.1	--
ENSG00000256390	5.13E-15	-2.63127	1	1 AC092143.1	K04199
ENSG00000256394	5.13E-15	-2.63127	1	1 ASIC5	K04832
ENSG00000256399	5.13E-15	-2.63127	1	1 RP11-274J7.3	--
ENSG00000256400	5.13E-15	-2.63127	1	1 RP11-673D15.7	--
ENSG00000256403	5.13E-15	-2.63127	1	1 RP11-7N14.1	--
ENSG00000256404	5.13E-15	-2.63127	1	1 AC109133.1	--
ENSG00000256417	5.13E-15	-2.63127	1	1 RP11-1038A11.3	--
ENSG00000256420	5.13E-15	-2.63127	1	1 OSBPL9P4	--
ENSG00000256422	5.13E-15	-2.63127	1	1 RP11-886D15.1	--
ENSG00000256424	5.13E-15	-2.63127	1	1 RP11-495K9.7	--
ENSG00000256425	5.13E-15	-2.63127	1	1 AC092989.1	--
ENSG00000256436	5.13E-15	-2.63127	1	1 TAS2R31	K08474
ENSG00000256439	5.13E-15	-2.63127	1	1 AC008731.1	--

ENSG00000256440	5.13E-15	-2.63127	1	1 RP11-443N24.3	—
ENSG00000256441	5.13E-15	-2.63127	1	1 RP11-300I6.5	K09512
ENSG00000256442	5.13E-15	-2.63127	1	1 RP11-705C15.4	—
ENSG00000256450	5.13E-15	-2.63127	1	1 RP11-424M22.1	K14455
ENSG00000256452	5.13E-15	-2.63127	1	1 RP11-667M19.10	—
ENSG00000256453	5.13E-15	-2.63127	1	1 DND1	—
ENSG00000256458	5.13E-15	-2.63127	1	1 RP11-363J17.1	—
ENSG00000256462	5.13E-15	-2.63127	1	1 RP11-116G8.5	—
ENSG00000256463	5.13E-15	-2.63127	1	1 SALL3	K09219
ENSG00000256464	5.13E-15	-2.63127	1	1 RP11-613F22.5	K16197
ENSG00000256465	5.13E-15	-2.63127	1	1 RP11-428G5.6	—
ENSG00000256466	5.13E-15	-2.63127	1	1 AP003026.1	—
ENSG00000256469	5.13E-15	-2.63127	1	1 RP11-856F16.2	—
ENSG00000256473	5.13E-15	-2.63127	1	1 RP11-437F6.1	—
ENSG00000256474	5.13E-15	-2.63127	1	1 TRAV11	—
ENSG00000256480	5.13E-15	-2.63127	1	1 RP11-185H22.1	K01896
ENSG00000256482	5.13E-15	-2.63127	1	1 RP11-625L16.3	—
ENSG00000256484	5.13E-15	-2.63127	1	1 RP13-507P19.1	—
ENSG00000256492	5.13E-15	-2.63127	1	1 AL118508.1	—
ENSG00000256494	5.13E-15	-2.63127	1	1 RP5-944M2.1	—
ENSG00000256496	5.13E-15	-2.63127	1	1 RP11-955H22.4	K17599
ENSG00000256498	5.13E-15	-2.63127	1	1 AL928654.1	—
ENSG00000256500	5.13E-15	-2.63127	1	1 RP11-73M18.2	K10407
ENSG00000256502	5.13E-15	-2.63127	1	1 RP11-955H22.2	K17599
ENSG00000256504	5.13E-15	-2.63127	1	1 RP11-1060J15.7	—
ENSG00000256508	5.13E-15	-2.63127	1	1 RP11-554A11.6	—
ENSG00000256512	5.13E-15	-2.63127	1	1 RP11-860B13.3	—
ENSG00000256513	5.13E-15	-2.63127	1	1 RP11-977P2.1	—
ENSG00000256514	5.13E-15	-2.63127	1	1 AP003419.11	—
ENSG00000256515	5.13E-15	-2.63127	1	1 CCL3L3	K05408
ENSG00000256518	5.13E-15	-2.63127	1	1 RP11-807H22.5	K13649
ENSG00000256527	5.13E-15	-2.63127	1	1 AP002833.1	—
ENSG00000256528	5.13E-15	-2.63127	1	1 AP006285.1	—
ENSG00000256530	5.13E-15	-2.63127	1	1 AC019294.1	K01528
ENSG00000256533	5.13E-15	-2.63127	1	1 RP11-212D19.5	K18764
ENSG00000256537	5.13E-15	-2.63127	1	1 RP11-785H5.1	—
ENSG00000256540	5.13E-15	-2.63127	1	1 RP11-598F7.6	—
ENSG00000256542	5.13E-15	-2.63127	1	1 RP13-895J2.3	—
ENSG00000256545	5.13E-15	-2.63127	1	1 AL139819.1	—
ENSG00000256551	5.13E-15	-2.63127	1	1 RP13-653N12.1	—
ENSG00000256552	5.13E-15	-2.63127	1	1 RP11-113C12.4	K02974
ENSG00000256553	5.13E-15	-2.63127	1	1 TRAV1-2	—
ENSG00000256557	5.13E-15	-2.63127	1	1 RP11-1060J15.3	—
ENSG00000256560	5.13E-15	-2.63127	1	1 RP11-256L11.1	—
ENSG00000256563	5.13E-15	-2.63127	1	1 NANOGNBP2	—
ENSG00000256566	5.13E-15	-2.63127	1	1 RP4-734P14.4	K09228
ENSG00000256568	5.13E-15	-2.63127	1	1 RP11-800A3.3	—
ENSG00000256569	5.13E-15	-2.63127	1	1 RP11-173P15.5	—
ENSG00000256571	5.13E-15	-2.63127	1	1 RP11-274J7.2	—
ENSG00000256574	5.13E-15	-2.63127	1	1 OR13A1	K04257
ENSG00000256577	5.13E-15	-2.63127	1	1 RP11-283I3.2	—
ENSG00000256579	5.13E-15	-2.63127	1	1 AC135776.1	—
ENSG00000256581	5.13E-15	-2.63127	1	1 NLRP9P	—
ENSG00000256582	5.13E-15	-2.63127	1	1 RP11-75L1.1	—
ENSG00000256586	5.13E-15	-2.63127	1	1 AC091171.1	—
ENSG00000256589	5.13E-15	-2.63127	1	1 ENPP7P5	K12354
ENSG00000256590	5.13E-15	-2.63127	1	1 TRDV3	—
ENSG00000256594	5.13E-15	-2.63127	1	1 RP11-705C15.2	K10072

ENSG00000256596	5.13E-15	-2.63127	1	1 RP11-522N14.2	-
ENSG00000256597	5.13E-15	-2.63127	1	1 RP11-749H20.4	-
ENSG00000256599	5.13E-15	-2.63127	1	1 AC020663.1	-
ENSG00000256603	5.13E-15	-2.63127	1	1 RP11-667M19.2	-
ENSG00000256609	5.13E-15	-2.63127	1	1 RP11-64B16.4	-
ENSG00000256614	5.13E-15	-2.63127	1	1 RP13-7D7.1	K18532
ENSG00000256615	5.13E-15	-2.63127	1	1 RP11-59N23.3	-
ENSG00000256618	5.13E-15	-2.63127	1	1 MTRNR2L1	K01982
ENSG00000256625	5.13E-15	-2.63127	1	1 RP11-582E3.4	-
ENSG00000256626	5.13E-15	-2.63127	1	1 RP11-133L14.2	K10070
ENSG00000256627	5.13E-15	-2.63127	1	1 RP11-6B19.3	K02992
ENSG00000256629	5.13E-15	-2.63127	1	1 TAS2R67P	K08474
ENSG00000256630	5.13E-15	-2.63127	1	1 RP11-428I12.1	K02991
ENSG00000256632	5.13E-15	-2.63127	1	1 RP13-672B3.2	K13347
ENSG00000256637	5.13E-15	-2.63127	1	1 RP11-76I14.1	-
ENSG00000256640	5.13E-15	-2.63127	1	1 RP11-666F17.2	-
ENSG00000256642	5.13E-15	-2.63127	1	1 LINC00273	-
ENSG00000256643	5.13E-15	-2.63127	1	1 RP11-349K16.1	-
ENSG00000256646	5.13E-15	-2.63127	1	1 PSMA2	K02726
ENSG00000256651	5.13E-15	-2.63127	1	1 RP11-144O23.8	K08474
ENSG00000256654	5.13E-15	-2.63127	1	1 RP11-429A20.4	-
ENSG00000256657	5.13E-15	-2.63127	1	1 RP11-144O23.20	-
ENSG00000256658	5.13E-15	-2.63127	1	1 RP11-180M15.4	-
ENSG00000256659	5.13E-15	-2.63127	1	1 RP13-653N12.2	-
ENSG00000256660	5.13E-15	-2.63127	1	1 CLEC12B	K17517
ENSG00000256661	5.13E-15	-2.63127	1	1 A2ML1-AS1	-
ENSG00000256664	5.13E-15	-2.63127	1	1 RP11-611O2.3	K01296
ENSG00000256670	5.13E-15	-2.63127	1	1 RP11-338E21.1	-
ENSG00000256672	5.13E-15	-2.63127	1	1 RP11-218M22.2	-
ENSG00000256674	5.13E-15	-2.63127	1	1 RP11-172C16.4	K06067
ENSG00000256678	5.13E-15	-2.63127	1	1 RP11-611O2.2	-
ENSG00000256681	5.13E-15	-2.63127	1	1 CCDC58P5	K16741
ENSG00000256682	5.13E-15	-2.63127	1	1 TAS2R12	-
ENSG00000256684	5.13E-15	-2.63127	1	1 RP11-49K4.2	-
ENSG00000256686	5.13E-15	-2.63127	1	1 RP11-443N24.2	-
ENSG00000256691	5.13E-15	-2.63127	1	1 RP11-476M19.3	-
ENSG00000256692	5.13E-15	-2.63127	1	1 AC139099.1	K14404
ENSG00000256694	5.13E-15	-2.63127	1	1 RP11-598F7.5	-
ENSG00000256695	5.13E-15	-2.63127	1	1 RP1-166H1.2	-
ENSG00000256699	5.13E-15	-2.63127	1	1 RP11-669N7.3	-
ENSG00000256704	5.13E-15	-2.63127	1	1 SDCCAG3P1	-
ENSG00000256705	5.13E-15	-2.63127	1	1 CTD-2017C7.1	-
ENSG00000256706	5.13E-15	-2.63127	1	1 RP5-1096D14.3	-
ENSG00000256708	5.13E-15	-2.63127	1	1 RP11-444B24.2	K02888
ENSG00000256709	5.13E-15	-2.63127	1	1 AL139812.1	K00746
ENSG00000256712	5.13E-15	-2.63127	1	1 RP11-785H5.2	-
ENSG00000256713	5.13E-15	-2.63127	1	1 PGA5	K06002
ENSG00000256714	5.13E-15	-2.63127	1	1 RP11-73M14.1	-
ENSG00000256715	5.13E-15	-2.63127	1	1 AL050302.1	-
ENSG00000256717	5.13E-15	-2.63127	1	1 AP000797.3	-
ENSG00000256721	5.13E-15	-2.63127	1	1 CACNA1C-IT3	-
ENSG00000256723	5.13E-15	-2.63127	1	1 RP11-167N4.4	-
ENSG00000256725	5.13E-15	-2.63127	1	1 RP11-662M24.2	-
ENSG00000256732	5.13E-15	-2.63127	1	1 RP11-407A16.3	-
ENSG00000256733	5.13E-15	-2.63127	1	1 RP11-881M11.8	-
ENSG00000256734	5.13E-15	-2.63127	1	1 RP11-613F22.7	-
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ENSG00000256742	5.13E-15	-2.63127	1	1 RP13-941N14.1	-

ENSG00000256747	5.13E-15	-2.63127	1	1 RP11-860B13.1	--
ENSG00000256748	5.13E-15	-2.63127	1	1 RP11-234B24.5	--
ENSG00000256750	5.13E-15	-2.63127	1	1 RP11-3L23.2	--
ENSG00000256751	5.13E-15	-2.63127	1	1 RP11-695J4.2	--
ENSG00000256752	5.13E-15	-2.63127	1	1 HPRTP3	K00760
ENSG00000256756	5.13E-15	-2.63127	1	1 RP11-871F6.2	K17795
ENSG00000256757	5.13E-15	-2.63127	1	1 RP11-159N11.3	--
ENSG00000256761	5.13E-15	-2.63127	1	1 AL008733.1	--
ENSG00000256762	5.13E-15	-2.63127	1	1 STH	--
ENSG00000256763	5.13E-15	-2.63127	1	1 RP1-116K23.1	--
ENSG00000256769	5.13E-15	-2.63127	1	1 CACNA1C-AS3	--
ENSG00000256774	5.13E-15	-2.63127	1	1 RP11-268P4.2	--
ENSG00000256777	5.13E-15	-2.63127	1	1 PDCL3P7	--
ENSG00000256779	5.13E-15	-2.63127	1	1 RP11-60C6.5	K12891
ENSG00000256783	5.13E-15	-2.63127	1	1 RP11-503G7.1	--
ENSG00000256786	5.13E-15	-2.63127	1	1 AP001029.1	--
ENSG00000256789	5.13E-15	-2.63127	1	1 RP11-697H9.2	--
ENSG00000256790	5.13E-15	-2.63127	1	1 RP11-429A20.3	--
ENSG00000256797	5.13E-15	-2.63127	1	1 KLRF2	--
ENSG00000256799	5.13E-15	-2.63127	1	1 RP11-500M8.6	K07887
ENSG00000256802	5.13E-15	-2.63127	1	1 RP11-680F8.1	--
ENSG00000256803	5.13E-15	-2.63127	1	1 RP11-133L14.5	--
ENSG00000256804	5.13E-15	-2.63127	1	1 RP13-977J11.5	--
ENSG00000256806	5.13E-15	-2.63127	1	1 AC004706.1	--
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ENSG00000256811	5.13E-15	-2.63127	1	1 RP11-7M8.2	--
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ENSG00000256814	5.13E-15	-2.63127	1	1 RP11-158L12.5	--
ENSG00000256815	5.13E-15	-2.63127	1	1 AL590325.2	--
ENSG00000256818	5.13E-15	-2.63127	1	1 AP001069.1	--
ENSG00000256822	5.13E-15	-2.63127	1	1 AC084125.2	K16467
ENSG00000256825	5.13E-15	-2.63127	1	1 CTD-2140B24.4	K09228
ENSG00000256826	5.13E-15	-2.63127	1	1 AC138744.2	K02130
ENSG00000256827	5.13E-15	-2.63127	1	1 RP11-214K3.5	--
ENSG00000256835	5.13E-15	-2.63127	1	1 GS1-410F4.5	K09228
ENSG00000256837	5.13E-15	-2.63127	1	1 CACNA1C-IT1	--
ENSG00000256844	5.13E-15	-2.63127	1	1 RP11-282K24.2	--
ENSG00000256845	5.13E-15	-2.63127	1	1 AC007401.1	K11447
ENSG00000256847	5.13E-15	-2.63127	1	1 CCND2P1	K10151
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ENSG00000256862	5.13E-15	-2.63127	1	1 RP11-664D1.1	--
ENSG00000256863	5.13E-15	-2.63127	1	1 RP11-959F10.6	K08206
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ENSG00000256873	5.13E-15	-2.63127	1	1 AL021977.1	--
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ENSG00000256888	5.13E-15	-2.63127	1	1 RP13-81N3.2	--
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ENSG00000256896	5.13E-15	-2.63127	1	1 PSMC1P8	K03062
ENSG00000256902	5.13E-15	-2.63127	1	1 RP11-986G18.1	K12495
ENSG00000256904	5.13E-15	-2.63127	1	1 A2ML1-AS2	--
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ENSG00000256912	5.13E-15	-2.63127	1	1 RP11-75L1.6	-
ENSG00000256913	5.13E-15	-2.63127	1	1 RP1-102E24.6	K12642
ENSG00000256915	5.13E-15	-2.63127	1	1 RP11-221N13.4	-
ENSG00000256917	5.13E-15	-2.63127	1	1 RP11-81H14.4	-
ENSG00000256922	5.13E-15	-2.63127	1	1 RP11-749H20.1	-
ENSG00000256923	5.13E-15	-2.63127	1	1 RP11-449P1.1	-
ENSG00000256925	5.13E-15	-2.63127	1	1 GPR123-AS1	-
ENSG00000256927	5.13E-15	-2.63127	1	1 RP5-944M2.2	-
ENSG00000256928	5.13E-15	-2.63127	1	1 RP11-809N8.2	-
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ENSG00000256947	5.13E-15	-2.63127	1	1 RP11-64D24.2	-
ENSG00000256948	5.13E-15	-2.63127	1	1 RP11-598F7.3	-
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ENSG00000256963	5.13E-15	-2.63127	1	1 RP11-216P16.4	-
ENSG00000256969	5.13E-15	-2.63127	1	1 RP11-320N7.2	-
ENSG00000256971	5.13E-15	-2.63127	1	1 LINC00508	-
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ENSG00000256973	5.13E-15	-2.63127	1	1 RP11-359J14.2	-
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ENSG00000256977	5.13E-15	-2.63127	1	1 LIMS3	-
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ENSG00000256986	5.13E-15	-2.63127	1	1 RP11-313F23.2	-
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ENSG00000256988	5.13E-15	-2.63127	1	1 RP11-234B24.4	-
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ENSG00000256994	5.13E-15	-2.63127	1	1 RP11-871F6.3	-
ENSG00000256995	5.13E-15	-2.63127	1	1 RP11-114G22.1	-
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ENSG00000257002	5.13E-15	-2.63127	1	1 AP000438.2	-
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ENSG00000257005	5.13E-15	-2.63127	1	1 RP11-972L6.2	-
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ENSG00000257012	5.13E-15	-2.63127	1	1 RP11-60C6.6	K06709
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ENSG00000257022	5.13E-15	-2.63127	1	1 RP11-729I10.2	-
ENSG00000257023	5.13E-15	-2.63127	1	1 RP11-268P4.4	-
ENSG00000257025	5.13E-15	-2.63127	1	1 RP11-553N19.1	-
ENSG00000257026	5.13E-15	-2.63127	1	1 AC040173.1	-
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ENSG00000257033	5.13E-15	-2.63127	1	1 AL391357.1	K05688
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ENSG00000257045	5.13E-15	-2.63127	1	1 RP11-486F17.1	-
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ENSG00000257061	5.13E-15	-2.63127	1	1 RP4-809F18.2	-
ENSG00000257062	5.13E-15	-2.63127	1	1 RP11-125O5.2	K05043
ENSG00000257065	5.13E-15	-2.63127	1	1 RP3-468K18.5	K14798
ENSG00000257067	5.13E-15	-2.63127	1	1 AP000797.4	-
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ENSG00000257088	5.13E-15	-2.63127	1	1 PNMA6D	-
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ENSG00000257095	5.13E-15	-2.63127	1	1 RP11-364C11.2	-
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ENSG00000257126	5.13E-15	-2.63127	1	1 RP11-966I7.1	-
ENSG00000257127	5.13E-15	-2.63127	1	1 CLLU1	K12581
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ENSG00000257141	5.13E-15	-2.63127	1	1 RP11-554D14.7	-
ENSG00000257142	5.13E-15	-2.63127	1	1 RP11-536C10.19	K13356
ENSG00000257146	5.13E-15	-2.63127	1	1 RP11-813P10.1	-
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ENSG00000257156	5.13E-15	-2.63127	1	1 RP11-13A1.3	-
ENSG00000257157	5.13E-15	-2.63127	1	1 RP11-528M18.3	K13807
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ENSG00000257173	5.13E-15	-2.63127	1	1 RP11-297L6.2	K18532
ENSG00000257176	5.13E-15	-2.63127	1	1 RP11-996F15.2	-
ENSG00000257178	5.13E-15	-2.63127	1	1 MIR10A	-
ENSG00000257179	5.13E-15	-2.63127	1	1 HMGN2P6	K11300
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ENSG00000257181	5.13E-15	-2.63127	1	1 RP11-611O2.5	-
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ENSG00000257194	5.13E-15	-2.63127	1	1 RP11-567C2.1	-
ENSG00000257195	5.13E-15	-2.63127	1	1 HNRNPA1P50	K12741
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ENSG00000257202	5.13E-15	-2.63127	1	1 RP11-512N21.3	-
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ENSG00000257220	5.13E-15	-2.63127	1	1 RP11-136F16.2	-
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ENSG00000257226	5.13E-15	-2.63127	1	1 CTD-2252P21.1	-
ENSG00000257227	5.13E-15	-2.63127	1	1 DUXAP10	-
ENSG00000257228	5.13E-15	-2.63127	1	1 RP11-413B19.2	-
ENSG00000257231	5.13E-15	-2.63127	1	1 RP11-438N16.2	K10418
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ENSG00000257239	5.13E-15	-2.63127	1	1 RP11-630C16.2	-
ENSG00000257252	5.13E-15	-2.63127	1	1 RP11-486A14.2	-
ENSG00000257253	5.13E-15	-2.63127	1	1 RP11-70F11.7	-
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ENSG00000257259	5.13E-15	-2.63127	1	1 RP11-767I20.1	-
ENSG00000257262	5.13E-15	-2.63127	1	1 RP11-776A13.1	-
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ENSG00000257270	5.13E-15	-2.63127	1	1 RP11-521B24.5	-
ENSG00000257271	5.13E-15	-2.63127	1	1 KIRREL3-AS1	-
ENSG00000257275	5.13E-15	-2.63127	1	1 RP11-164H13.1	-
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ENSG00000257284	5.13E-15	-2.63127	1	1 RP11-190J23.1	-
ENSG00000257286	5.13E-15	-2.63127	1	1 RP11-545P7.4	-
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ENSG00000257288	5.13E-15	-2.63127	1	1 RP11-557F20.2	-
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ENSG00000257294	5.13E-15	-2.63127	1	1 RP11-316A16.1	-
ENSG00000257296	5.13E-15	-2.63127	1	1 RP11-701B6.1	-
ENSG00000257300	5.13E-15	-2.63127	1	1 HAUS8P1	-
ENSG00000257307	5.13E-15	-2.63127	1	1 RP11-317N8.4	K13209
ENSG00000257308	5.13E-15	-2.63127	1	1 RP11-471N19.1	K10841
ENSG00000257310	5.13E-15	-2.63127	1	1 RP11-496I2.2	-
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ENSG00000257319	5.13E-15	-2.63127	1	1 RP11-478B9.1	-
ENSG00000257322	5.13E-15	-2.63127	1	1 RP11-511B23.2	-
ENSG00000257323	5.13E-15	-2.63127	1	1 RP11-361A23.1	-
ENSG00000257325	5.13E-15	-2.63127	1	1 RP11-263E1.1	-
ENSG00000257329	5.13E-15	-2.63127	1	1 RP11-290L1.5	-
ENSG00000257331	5.13E-15	-2.63127	1	1 RP11-478B9.3	K16733
ENSG00000257332	5.13E-15	-2.63127	1	1 HNRNPA1P69	K12741
ENSG00000257335	5.13E-15	-2.63127	1	1 MGAM	K12047
ENSG00000257341	5.13E-15	-2.63127	1	1 CRIP1	-
ENSG00000257342	5.13E-15	-2.63127	1	1 RP11-571M6.7	-
ENSG00000257343	5.13E-15	-2.63127	1	1 RP11-641A6.8	K07605
ENSG00000257345	5.13E-15	-2.63127	1	1 RP11-511B23.1	-
ENSG00000257346	5.13E-15	-2.63127	1	1 RP11-386G11.8	-
ENSG00000257350	5.13E-15	-2.63127	1	1 RP11-616L12.4	K09415

ENSG00000257355	5.13E-15	-2.63127	1	1 CTD-2006C1.10	K09228
ENSG00000257356	5.13E-15	-2.63127	1	1 RP11-754I20.2	--
ENSG00000257357	5.13E-15	-2.63127	1	1 RP11-244H18.3	--
ENSG00000257359	5.13E-15	-2.63127	1	1 RP11-780K2.1	--
ENSG00000257360	5.13E-15	-2.63127	1	1 RP11-74K11.1	--
ENSG00000257364	5.13E-15	-2.63127	1	1 RP11-81H3.1	--
ENSG00000257366	5.13E-15	-2.63127	1	1 MIR3180-2	--
ENSG00000257368	5.13E-15	-2.63127	1	1 RP11-438E8.2	--
ENSG00000257373	5.13E-15	-2.63127	1	1 RP11-547C5.2	--
ENSG00000257376	5.13E-15	-2.63127	1	1 RP11-328C8.2	K15516
ENSG00000257378	5.13E-15	-2.63127	1	1 RP11-469H8.8	--
ENSG00000257379	5.13E-15	-2.63127	1	1 RP11-793H13.8	--
ENSG00000257381	5.13E-15	-2.63127	1	1 MIR3179-2	--
ENSG00000257386	5.13E-15	-2.63127	1	1 RP11-56G10.2	--
ENSG00000257389	5.13E-15	-2.63127	1	1 RP11-153F5.3	--
ENSG00000257391	5.13E-15	-2.63127	1	1 MIR3180-4	--
ENSG00000257392	5.13E-15	-2.63127	1	1 RP11-554D14.5	--
ENSG00000257395	5.13E-15	-2.63127	1	1 RP11-597A11.2	--
ENSG00000257398	5.13E-15	-2.63127	1	1 RP11-554D14.6	--
ENSG00000257400	5.13E-15	-2.63127	1	1 RP11-778J16.3	--
ENSG00000257402	5.13E-15	-2.63127	1	1 KRT126P	K07605
ENSG00000257404	5.13E-15	-2.63127	1	1 RP11-153F5.2	--
ENSG00000257405	5.13E-15	-2.63127	1	1 RP11-609L23.2	--
ENSG00000257407	5.13E-15	-2.63127	1	1 RP11-1028N23.4	--
ENSG00000257408	5.13E-15	-2.63127	1	1 RP11-645C24.4	--
ENSG00000257411	5.13E-15	-2.63127	1	1 RP11-603J24.9	K05084
ENSG00000257414	5.13E-15	-2.63127	1	1 OR6C73P	K04257
ENSG00000257415	5.13E-15	-2.63127	1	1 RP11-626I20.1	K00252
ENSG00000257426	5.13E-15	-2.63127	1	1 RP11-554D14.3	K13886
ENSG00000257429	5.13E-15	-2.63127	1	1 RP11-272K23.3	--
ENSG00000257431	5.13E-15	-2.63127	1	1 RP11-263K4.3	--
ENSG00000257432	5.13E-15	-2.63127	1	1 RP11-244H18.4	K08857
ENSG00000257434	5.13E-15	-2.63127	1	1 RP11-81K13.1	--
ENSG00000257435	5.13E-15	-2.63127	1	1 RP11-267D19.1	--
ENSG00000257444	5.13E-15	-2.63127	1	1 SETP7	K11290
ENSG00000257446	5.13E-15	-2.63127	1	1 ZNF878	K09228
ENSG00000257449	5.13E-15	-2.63127	1	1 RP11-603J24.4	--
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ENSG00000257453	5.13E-15	-2.63127	1	1 RP11-290L1.3	--
ENSG00000257454	5.13E-15	-2.63127	1	1 CTD-2021H9.2	--
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ENSG00000257465	5.13E-15	-2.63127	1	1 TCEB1P32	K03872
ENSG00000257467	5.13E-15	-2.63127	1	1 RP11-121G22.3	--
ENSG00000257470	5.13E-15	-2.63127	1	1 RP11-397H6.1	--
ENSG00000257472	5.13E-15	-2.63127	1	1 RP11-159D23.2	--
ENSG00000257476	5.13E-15	-2.63127	1	1 RP11-139B1.1	--
ENSG00000257477	5.13E-15	-2.63127	1	1 LINC01154	--
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ENSG00000257482	5.13E-15	-2.63127	1	1 ZNF727	K09228
ENSG00000257493	5.13E-15	-2.63127	1	1 RP11-536C10.20	K13356
ENSG00000257494	5.13E-15	-2.63127	1	1 RP3-521E19.2	--
ENSG00000257495	5.13E-15	-2.63127	1	1 RP11-641A6.2	--
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ENSG00000257500	5.13E-15	-2.63127	1	1 RP11-1020M18.10	--
ENSG00000257503	5.13E-15	-2.63127	1	1 CYB5AP5	--
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ENSG00000257506	5.13E-15	-2.63127	1	1 RP11-231C14.5	K01047
ENSG00000257510	5.13E-15	-2.63127	1	1 RP11-609L23.1	--

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ENSG00000257514	5.13E-15	-2.63127	1	1 RP11-755O11.2	--
ENSG00000257515	5.13E-15	-2.63127	1	1 RP11-498M15.1	--
ENSG00000257517	5.13E-15	-2.63127	1	1 RP4-601P9.1	--
ENSG00000257519	5.13E-15	-2.63127	1	1 RP11-116D17.2	--
ENSG00000257520	5.13E-15	-2.63127	1	1 RP11-896J10.3	--
ENSG00000257522	5.13E-15	-2.63127	1	1 RP11-562L8.1	--
ENSG00000257523	5.13E-15	-2.63127	1	1 CTD-2384A14.2	--
ENSG00000257528	5.13E-15	-2.63127	1	1 KRT8P19	K07605
ENSG00000257530	5.13E-15	-2.63127	1	1 RP11-843B15.2	--
ENSG00000257539	5.13E-15	-2.63127	1	1 HSPA8P14	K03283
ENSG00000257541	5.13E-15	-2.63127	1	1 RP11-58A17.4	--
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ENSG00000257548	5.13E-15	-2.63127	1	1 RP11-797M17.1	--
ENSG00000257550	5.13E-15	-2.63127	1	1 RP11-793H13.3	--
ENSG00000257551	5.13E-15	-2.63127	1	1 HLA-AS1	--
ENSG00000257553	5.13E-15	-2.63127	1	1 RP11-603J24.17	--
ENSG00000257556	5.13E-15	-2.63127	1	1 RP11-44N21.1	--
ENSG00000257558	5.13E-15	-2.63127	1	1 RP11-536C10.15	--
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ENSG00000257564	5.13E-15	-2.63127	1	1 RP11-123M21.2	K07834
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ENSG00000257572	5.13E-15	-2.63127	1	1 RP11-478B9.2	K11090
ENSG00000257579	5.13E-15	-2.63127	1	1 RP11-128P10.1	--
ENSG00000257580	5.13E-15	-2.63127	1	1 RP11-718L23.1	--
ENSG00000257582	5.13E-15	-2.63127	1	1 RP11-129J12.2	--
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ENSG00000257587	5.13E-15	-2.63127	1	1 RP11-711C17.1	--
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ENSG00000257607	5.13E-15	-2.63127	1	1 RP11-449P15.1	--
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ENSG00000257614	5.13E-15	-2.63127	1	1 RP11-116N8.2	--
ENSG00000257616	5.13E-15	-2.63127	1	1 RP11-641A6.5	K12858
ENSG00000257622	5.13E-15	-2.63127	1	1 RP11-44N21.4	--
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ENSG00000257634	5.13E-15	-2.63127	1	1 RP11-850F7.7	--
ENSG00000257635	5.13E-15	-2.63127	1	1 RP11-536C10.10	K08857
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ENSG00000257642	5.13E-15	-2.63127	1	1 RP11-474B16.1	--
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ENSG00000257654	5.13E-15	-2.63127	1	1 RP11-497G19.2	--
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ENSG00000257664	5.13E-15	-2.63127	1	1 RSL24D1P5	K02896
ENSG00000257666	5.13E-15	-2.63127	1	1 CBX3P5	K11586
ENSG00000257668	5.13E-15	-2.63127	1	1 RP11-58A17.2	K09560
ENSG00000257672	5.13E-15	-2.63127	1	1 RP11-536C10.17	K13356
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ENSG00000257683	5.13E-15	-2.63127	1	1 RP11-110L15.2	-
ENSG00000257687	5.13E-15	-2.63127	1	1 RP11-609L23.3	-
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ENSG00000257696	5.13E-15	-2.63127	1	1 RP11-175P13.2	-
ENSG00000257700	5.13E-15	-2.63127	1	1 RP11-641A6.3	-
ENSG00000257703	5.13E-15	-2.63127	1	1 RP11-328J6.1	-
ENSG00000257711	5.13E-15	-2.63127	1	1 RP11-482D24.2	-
ENSG00000257715	5.13E-15	-2.63127	1	1 RP11-256L6.2	-
ENSG00000257720	5.13E-15	-2.63127	1	1 ILF2P2	K13089
ENSG00000257721	5.13E-15	-2.63127	1	1 RP11-536C10.2	-
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ENSG00000257725	5.13E-15	-2.63127	1	1 RP11-654D12.3	-
ENSG00000257729	5.13E-15	-2.63127	1	1 RP11-788H18.1	-
ENSG00000257730	5.13E-15	-2.63127	1	1 LSM6P2	K12625
ENSG00000257731	5.13E-15	-2.63127	1	1 RP11-536C10.11	-
ENSG00000257737	5.13E-15	-2.63127	1	1 RP11-341G23.2	-
ENSG00000257738	5.13E-15	-2.63127	1	1 RP11-139E19.2	-
ENSG00000257741	5.13E-15	-2.63127	1	1 RP11-540D4.3	-
ENSG00000257743	5.13E-15	-2.63127	1	1 RP11-1220K2.2	K12047
ENSG00000257746	5.13E-15	-2.63127	1	1 RP11-202G11.2	-
ENSG00000257747	5.13E-15	-2.63127	1	1 RP11-362A1.1	-
ENSG00000257748	5.13E-15	-2.63127	1	1 RP11-966I7.3	-
ENSG00000257749	5.13E-15	-2.63127	1	1 CTD-2314B22.2	-
ENSG00000257750	5.13E-15	-2.63127	1	1 RP11-295G12.1	-
ENSG00000257751	5.13E-15	-2.63127	1	1 RP11-536C10.21	-
ENSG00000257754	5.13E-15	-2.63127	1	1 RP11-650K20.2	-
ENSG00000257756	5.13E-15	-2.63127	1	1 RP11-776A13.3	-
ENSG00000257757	5.13E-15	-2.63127	1	1 OR6C7P	K04257
ENSG00000257758	5.13E-15	-2.63127	1	1 KRT18P20	K07604
ENSG00000257759	5.13E-15	-2.63127	1	1 RP11-486O13.4	-
ENSG00000257761	5.13E-15	-2.63127	1	1 RP11-186F10.2	-
ENSG00000257762	5.13E-15	-2.63127	1	1 RP11-626I20.3	-
ENSG00000257763	5.13E-15	-2.63127	1	1 OR5BK1P	K04257
ENSG00000257764	5.13E-15	-2.63127	1	1 RP11-1143G9.4	-
ENSG00000257766	5.13E-15	-2.63127	1	1 RP11-341G23.3	-
ENSG00000257767	5.13E-15	-2.63127	1	1 RP11-162P23.2	K00128
ENSG00000257769	5.13E-15	-2.63127	1	1 CTB-193M12.1	-
ENSG00000257777	5.13E-15	-2.63127	1	1 RP11-25J3.2	K00033
ENSG00000257779	5.13E-15	-2.63127	1	1 RP11-848D3.4	-
ENSG00000257780	5.13E-15	-2.63127	1	1 GLYCAM1	K06815
ENSG00000257781	5.13E-15	-2.63127	1	1 RP11-110L15.1	-
ENSG00000257784	5.13E-15	-2.63127	1	1 RP11-630C16.1	-
ENSG00000257786	5.13E-15	-2.63127	1	1 RP11-272K23.4	-
ENSG00000257787	5.13E-15	-2.63127	1	1 RP11-20L19.1	-
ENSG00000257792	5.13E-15	-2.63127	1	1 OR5BJ1P	K04257
ENSG00000257794	5.13E-15	-2.63127	1	1 RP11-125N22.4	-
ENSG00000257797	5.13E-15	-2.63127	1	1 CTD-2382E5.2	-
ENSG00000257807	5.13E-15	-2.63127	1	1 RP1-90J4.3	-

ENSG00000257808	5.13E-15	-2.63127	1	1 RP11-1136G11.8	-
ENSG00000257809	5.13E-15	-2.63127	1	1 RP11-603J24.14	-
ENSG00000257813	5.13E-15	-2.63127	1	1 RP11-73B8.2	-
ENSG00000257820	5.13E-15	-2.63127	1	1 MRPS6P4	K02990
ENSG00000257823	5.13E-15	-2.63127	1	1 RP11-560G2.2	K19482
ENSG00000257824	5.13E-15	-2.63127	1	1 RP11-1049A21.2	-
ENSG00000257825	5.13E-15	-2.63127	1	1 RP11-536C10.5	-
ENSG00000257826	5.13E-15	-2.63127	1	1 RP11-116N8.4	-
ENSG00000257835	5.13E-15	-2.63127	1	1 RP1-97G4.1	-
ENSG00000257837	5.13E-15	-2.63127	1	1 RP11-263K4.4	-
ENSG00000257838	5.13E-15	-2.63127	1	1 RP11-368J21.3	-
ENSG00000257839	5.13E-15	-2.63127	1	1 RP11-290L1.2	-
ENSG00000257842	5.13E-15	-2.63127	1	1 NOVA1-AS1	-
ENSG00000257844	5.13E-15	-2.63127	1	1 KRT124P	K07605
ENSG00000257845	5.13E-15	-2.63127	1	1 RP11-626P14.1	-
ENSG00000257846	5.13E-15	-2.63127	1	1 RP11-597A11.3	-
ENSG00000257847	5.13E-15	-2.63127	1	1 LSM3P2	K12622
ENSG00000257848	5.13E-15	-2.63127	1	1 RP11-474C8.5	K10950
ENSG00000257849	5.13E-15	-2.63127	1	1 RP11-547C5.1	-
ENSG00000257852	5.13E-15	-2.63127	1	1 RP11-843B15.1	K05189
ENSG00000257853	5.13E-15	-2.63127	1	1 MED15P1	K15157
ENSG00000257855	5.13E-15	-2.63127	1	1 RP11-629O19.1	-
ENSG00000257858	5.13E-15	-2.63127	1	1 MTND1P24	-
ENSG00000257860	5.13E-15	-2.63127	1	1 RP11-552I14.1	-
ENSG00000257863	5.13E-15	-2.63127	1	1 RP11-587P21.3	-
ENSG00000257864	5.13E-15	-2.63127	1	1 RP11-46I1.2	-
ENSG00000257865	5.13E-15	-2.63127	1	1 RP11-154D9.1	-
ENSG00000257868	5.13E-15	-2.63127	1	1 CTD-2311B13.8	-
ENSG00000257869	5.13E-15	-2.63127	1	1 CTD-2591A6.2	-
ENSG00000257870	5.13E-15	-2.63127	1	1 RP11-616L12.1	-
ENSG00000257872	5.13E-15	-2.63127	1	1 RP11-453D16.2	-
ENSG00000257875	5.13E-15	-2.63127	1	1 RP11-263K4.1	-
ENSG00000257877	5.13E-15	-2.63127	1	1 RP3-462E2.3	-
ENSG00000257878	5.13E-15	-2.63127	1	1 RP11-256L6.3	-
ENSG00000257879	5.13E-15	-2.63127	1	1 RP11-90C1.1	-
ENSG00000257880	5.13E-15	-2.63127	1	1 RP11-769N19.2	-
ENSG00000257883	5.13E-15	-2.63127	1	1 RP11-497G19.1	-
ENSG00000257884	5.13E-15	-2.63127	1	1 RP11-597A11.4	K11841
ENSG00000257885	5.13E-15	-2.63127	1	1 RP11-474C8.4	K17080
ENSG00000257891	5.13E-15	-2.63127	1	1 CTD-2311B13.1	-
ENSG00000257897	5.13E-15	-2.63127	1	1 RP11-812D23.1	-
ENSG00000257899	5.13E-15	-2.63127	1	1 RP11-125N22.3	-
ENSG00000257900	5.13E-15	-2.63127	1	1 RP11-454K7.1	-
ENSG00000257904	5.13E-15	-2.63127	1	1 RP11-269C4.2	-
ENSG00000257905	5.13E-15	-2.63127	1	1 RP3-432I18.1	K08770
ENSG00000257906	5.13E-15	-2.63127	1	1 RP1-90J4.1	-
ENSG00000257907	5.13E-15	-2.63127	1	1 EEF1A1P17	K03231
ENSG00000257912	5.13E-15	-2.63127	1	1 RP11-248E9.5	-
ENSG00000257915	5.13E-15	-2.63127	1	1 GLULP5	-
ENSG00000257920	5.13E-15	-2.63127	1	1 RP11-541G9.2	-
ENSG00000257925	5.13E-15	-2.63127	1	1 RP11-493L12.3	-
ENSG00000257927	5.13E-15	-2.63127	1	1 MRPS36P5	K17414
ENSG00000257931	5.13E-15	-2.63127	1	1 CTD-2311B13.7	-
ENSG00000257932	5.13E-15	-2.63127	1	1 RP11-155I9.1	-
ENSG00000257933	5.13E-15	-2.63127	1	1 RP11-125N22.1	-
ENSG00000257935	5.13E-15	-2.63127	1	1 RP11-82C23.2	-
ENSG00000257943	5.13E-15	-2.63127	1	1 RP11-167N24.3	-
ENSG00000257948	5.13E-15	-2.63127	1	1 RP11-123M21.1	-

ENSG00000257951	5.13E-15	-2.63127	1	1 RP11-554D14.4	--
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ENSG00000257958	5.13E-15	-2.63127	1	1 RP11-25E2.1	--
ENSG00000257959	5.13E-15	-2.63127	1	1 RP11-536C10.4	--
ENSG00000257962	5.13E-15	-2.63127	1	1 RP11-219B4.6	--
ENSG00000257964	5.13E-15	-2.63127	1	1 RP11-133N21.10	--
ENSG00000257976	5.13E-15	-2.63127	1	1 RP11-388G3.1	K13506
ENSG00000257977	5.13E-15	-2.63127	1	1 RP11-496I2.6	--
ENSG00000257979	5.13E-15	-2.63127	1	1 SNRPGP18	K11099
ENSG00000257985	5.13E-15	-2.63127	1	1 RP1-228P16.4	--
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ENSG00000257987	5.13E-15	-2.63127	1	1 LINC00935	--
ENSG00000257989	5.13E-15	-2.63127	1	1 RP1-288H2.2	--
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ENSG00000257991	5.13E-15	-2.63127	1	1 RP11-2H8.3	K12193
ENSG00000257994	5.13E-15	-2.63127	1	1 RP11-626I20.2	K19535
ENSG00000257995	5.13E-15	-2.63127	1	1 RP11-632B21.1	--
ENSG00000257997	5.13E-15	-2.63127	1	1 RP11-100F15.2	--
ENSG00000257998	5.13E-15	-2.63127	1	1 RP11-361A23.3	K14535
ENSG00000258001	5.13E-15	-2.63127	1	1 RP11-756H6.1	--
ENSG00000258007	5.13E-15	-2.63127	1	1 RP11-350G24.1	--
ENSG00000258010	5.13E-15	-2.63127	1	1 RP11-210M15.1	--
ENSG00000258011	5.13E-15	-2.63127	1	1 HMGA1P3	K09282
ENSG00000258012	5.13E-15	-2.63127	1	1 RP11-603K19.1	K00789
ENSG00000258013	5.13E-15	-2.63127	1	1 RPL3P13	K02925
ENSG00000258016	5.13E-15	-2.63127	1	1 HIGD1AP1	--
ENSG00000258018	5.13E-15	-2.63127	1	1 RP11-148B3.1	--
ENSG00000258021	5.13E-15	-2.63127	1	1 RP11-1100L3.4	K04437
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ENSG00000258026	5.13E-15	-2.63127	1	1 RP11-543H12.1	--
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ENSG00000258035	5.13E-15	-2.63127	1	1 RP11-74K11.2	--
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ENSG00000258039	5.13E-15	-2.63127	1	1 RP11-406H4.1	--
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ENSG00000258050	5.13E-15	-2.63127	1	1 RP11-698F20.3	--
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ENSG00000258052	5.13E-15	-2.63127	1	1 AC025263.3	K16779
ENSG00000258053	5.13E-15	-2.63127	1	1 CTD-2021H9.3	--
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ENSG00000258068	5.13E-15	-2.63127	1	1 RP11-328C8.5	--
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ENSG00000258072	5.13E-15	-2.63127	1	1 RP11-554D14.2	K14801
ENSG00000258073	5.13E-15	-2.63127	1	1 RP11-1079J22.1	K11096
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ENSG00000258114	5.13E-15	-2.63127	1	1 CTA-109P11.4	-
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ENSG00000258121	5.13E-15	-2.63127	1	1 RP11-722P11.4	-
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ENSG00000258125	5.13E-15	-2.63127	1	1 RP11-1041F24.1	-
ENSG00000258131	5.13E-15	-2.63127	1	1 RP11-541G9.1	-
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ENSG00000258134	5.13E-15	-2.63127	1	1 RP11-956A19.1	-
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ENSG00000258140	5.13E-15	-2.63127	1	1 RP11-324P9.1	-
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ENSG00000258159	5.13E-15	-2.63127	1	1 RP1-71H24.4	K09647
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ENSG00000258254	5.13E-15	-2.63127	1	1 RP11-162N7.1	-
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ENSG00000258271	5.13E-15	-2.63127	1	1 RP11-356O22.4	-
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ENSG00000258276	5.13E-15	-2.63127	1	1 RP11-244H18.1	-
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ENSG00000258288	5.13E-15	-2.63127	1	1 RP11-554E23.3	-
ENSG00000258290	5.13E-15	-2.63127	1	1 RP11-654D12.1	K11798
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ENSG00000258308	5.13E-15	-2.63127	1	1 RP11-554E23.2	-
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ENSG00000258313	5.13E-15	-2.63127	1	1 RP11-167N24.5	-
ENSG00000258314	5.13E-15	-2.63127	1	1 CTD-2314B22.1	-
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ENSG00000258320	5.13E-15	-2.63127	1	1 RP11-274M17.1	K13096
ENSG00000258323	5.13E-15	-2.63127	1	1 RP1-267L14.3	-
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ENSG00000258338	5.13E-15	-2.63127	1	1 RP11-87P13.2	-
ENSG00000258342	5.13E-15	-2.63127	1	1 RP11-116N8.1	-
ENSG00000258345	5.13E-15	-2.63127	1	1 RP11-603J24.6	-
ENSG00000258346	5.13E-15	-2.63127	1	1 RP11-148B3.2	-
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ENSG00000258364	5.13E-15	-2.63127	1	1 RP11-536C10.16	-
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ENSG00000258377	5.13E-15	-2.63127	1	1 RP11-649E7.5	-
ENSG00000258378	5.13E-15	-2.63127	1	1 RP11-517O13.1	-
ENSG00000258379	5.13E-15	-2.63127	1	1 RP11-204N11.2	-
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ENSG00000258386	5.13E-15	-2.63127	1	1 RP11-187E13.2	-
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ENSG00000258389	5.13E-15	-2.63127	1	1 DUX4	-
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ENSG00000258394	5.13E-15	-2.63127	1	1 CTD-2307P3.1	-
ENSG00000258395	5.13E-15	-2.63127	1	1 RP11-65I12.1	-
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ENSG00000258399	5.13E-15	-2.63127	1	1 MEG8	-
ENSG00000258400	5.13E-15	-2.63127	1	1 RP11-831F12.2	-
ENSG00000258401	5.13E-15	-2.63127	1	1 RP11-326E7.1	K02128
ENSG00000258402	5.13E-15	-2.63127	1	1 RP11-516J2.1	-
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ENSG00000258412	5.13E-15	-2.63127	1	1 RP11-404P21.5	-
ENSG00000258413	5.13E-15	-2.63127	1	1 RP11-665C16.6	-
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ENSG00000258416	5.13E-15	-2.63127	1	1 RP11-526N18.1	-
ENSG00000258417	5.13E-15	-2.63127	1	1 OC90	-
ENSG00000258418	5.13E-15	-2.63127	1	1 RP11-662J14.1	-
ENSG00000258419	5.13E-15	-2.63127	1	1 RP11-588P7.1	-
ENSG00000258420	5.13E-15	-2.63127	1	1 RP11-403B2.3	-
ENSG00000258421	5.13E-15	-2.63127	1	1 FRDAP	K19054
ENSG00000258422	5.13E-15	-2.63127	1	1 RP11-486O13.2	-
ENSG00000258423	5.13E-15	-2.63127	1	1 OR7E105P	K04257
ENSG00000258426	5.13E-15	-2.63127	1	1 RP11-452D21.1	-
ENSG00000258430	5.13E-15	-2.63127	1	1 RP11-982M15.2	-
ENSG00000258431	5.13E-15	-2.63127	1	1 RP1-292L20.2	-
ENSG00000258433	5.13E-15	-2.63127	1	1 RP11-255M2.1	-
ENSG00000258434	5.13E-15	-2.63127	1	1 DUX4L11	-
ENSG00000258435	5.13E-15	-2.63127	1	1 RP11-711D18.2	-
ENSG00000258436	5.13E-15	-2.63127	1	1 RNASE12	K16633
ENSG00000258437	5.13E-15	-2.63127	1	1 RP11-661G16.1	-
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ENSG00000258448	5.13E-15	-2.63127	1	1 RP11-109N23.5	-
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ENSG00000258450	5.13E-15	-2.63127	1	1 RP11-649E7.7	-
ENSG00000258451	5.13E-15	-2.63127	1	1 RP11-903H12.3	-
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ENSG00000258459	5.13E-15	-2.63127	1	1 CTD-2292M16.7	-
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ENSG00000258463	5.13E-15	-2.63127	1	1 RP11-173D3.3	K14958
ENSG00000258464	5.13E-15	-2.63127	1	1 RP11-388E23.2	-
ENSG00000258465	5.13E-15	-2.63127	1	1 DCAF8	K11804
ENSG00000258467	5.13E-15	-2.63127	1	1 PHKBP2	K07190
ENSG00000258468	5.13E-15	-2.63127	1	1 OR11G1P	K04257
ENSG00000258473	5.13E-15	-2.63127	1	1 RP11-7F17.4	-
ENSG00000258474	5.13E-15	-2.63127	1	1 RP11-187E13.1	-
ENSG00000258475	5.13E-15	-2.63127	1	1 U85056.3	-
ENSG00000258476	5.13E-15	-2.63127	1	1 RP11-76E17.3	-
ENSG00000258477	5.13E-15	-2.63127	1	1 PPIAP6	K03767
ENSG00000258478	5.13E-15	-2.63127	1	1 RP11-232C2.1	-
ENSG00000258479	5.13E-15	-2.63127	1	1 LINC00640	-
ENSG00000258480	5.13E-15	-2.63127	1	1 RP11-662J14.2	-
ENSG00000258481	5.13E-15	-2.63127	1	1 RP11-472N19.3	-
ENSG00000258482	5.13E-15	-2.63127	1	1 TRAV15	-
ENSG00000258483	5.13E-15	-2.63127	1	1 AC144835.1	-
ENSG00000258484	5.13E-15	-2.63127	1	1 SPESP1	-
ENSG00000258487	5.13E-15	-2.63127	1	1 RP11-99L13.1	-
ENSG00000258489	5.13E-15	-2.63127	1	1 RP11-398J10.2	-
ENSG00000258490	5.13E-15	-2.63127	1	1 RP11-862P13.1	-
ENSG00000258491	5.13E-15	-2.63127	1	1 ZFP64P1	-
ENSG00000258493	5.13E-15	-2.63127	1	1 RP11-73E17.3	K12160
ENSG00000258494	5.13E-15	-2.63127	1	1 OR11J5P	K04257
ENSG00000258496	5.13E-15	-2.63127	1	1 RP11-1141N12.1	-
ENSG00000258497	5.13E-15	-2.63127	1	1 CTD-2561F5.1	-
ENSG00000258499	5.13E-15	-2.63127	1	1 RP11-862G15.2	-
ENSG00000258500	5.13E-15	-2.63127	1	1 CTD-2062F14.2	K11299
ENSG00000258501	5.13E-15	-2.63127	1	1 EIF3LP1	K15029
ENSG00000258502	5.13E-15	-2.63127	1	1 RP11-783L4.1	-
ENSG00000258503	5.13E-15	-2.63127	1	1 RP11-368P15.1	K03959
ENSG00000258504	5.13E-15	-2.63127	1	1 RP11-638I2.6	-
ENSG00000258505	5.13E-15	-2.63127	1	1 RP11-90P16.1	-
ENSG00000258506	5.13E-15	-2.63127	1	1 RP11-688D15.1	K02872
ENSG00000258507	5.13E-15	-2.63127	1	1 RP13-582L3.4	-
ENSG00000258509	5.13E-15	-2.63127	1	1 RP11-857B24.3	K11792
ENSG00000258510	5.13E-15	-2.63127	1	1 RP11-493G17.4	K05681
ENSG00000258511	5.13E-15	-2.63127	1	1 RP11-61O1.2	-
ENSG00000258513	5.13E-15	-2.63127	1	1 RP5-892G5.2	K12160
ENSG00000258514	5.13E-15	-2.63127	1	1 DUX4L14	-
ENSG00000258516	5.13E-15	-2.63127	1	1 RP11-185P18.2	-
ENSG00000258517	5.13E-15	-2.63127	1	1 RP6-91H8.1	-
ENSG00000258519	5.13E-15	-2.63127	1	1 RP11-349A22.3	-
ENSG00000258520	5.13E-15	-2.63127	1	1 RP11-363J20.2	-
ENSG00000258524	5.13E-15	-2.63127	1	1 NT5CP1	K01068
ENSG00000258525	5.13E-15	-2.63127	1	1 RP11-829H16.3	-
ENSG00000258529	5.13E-15	-2.63127	1	1 ALG9	K03846
ENSG00000258531	5.13E-15	-2.63127	1	1 BANF1P1	-
ENSG00000258532	5.13E-15	-2.63127	1	1 RP11-353P15.1	-
ENSG00000258534	5.13E-15	-2.63127	1	1 CTD-2134A5.4	-
ENSG00000258535	5.13E-15	-2.63127	1	1 RP11-280K24.4	-
ENSG00000258536	5.13E-15	-2.63127	1	1 RP11-1053O12.1	-
ENSG00000258537	5.13E-15	-2.63127	1	1 FRMD6-AS2	-
ENSG00000258538	5.13E-15	-2.63127	1	1 RP11-753D20.3	-

ENSG00000258540	5.13E-15	-2.63127	1	1 RP11-692C24.3	K05765
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ENSG00000258542	5.13E-15	-2.63127	1	1 AC068831.11	-
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ENSG00000258545	5.13E-15	-2.63127	1	1 RP4-755D9.1	-
ENSG00000258546	5.13E-15	-2.63127	1	1 RP11-713N11.3	K11513
ENSG00000258548	5.13E-15	-2.63127	1	1 LINC00645	-
ENSG00000258549	5.13E-15	-2.63127	1	1 RP11-22K10.1	K09228
ENSG00000258550	5.13E-15	-2.63127	1	1 OR7E106P	K04257
ENSG00000258551	5.13E-15	-2.63127	1	1 RP11-661P17.1	-
ENSG00000258552	5.13E-15	-2.63127	1	1 RP11-463C8.5	-
ENSG00000258554	5.13E-15	-2.63127	1	1 RP11-973D8.4	-
ENSG00000258555	5.13E-15	-2.63127	1	1 SPECC1L-ADORA2	K04266
ENSG00000258556	5.13E-15	-2.63127	1	1 CTD-2568P8.1	-
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ENSG00000258558	5.13E-15	-2.63127	1	1 RP11-159L20.2	-
ENSG00000258560	5.13E-15	-2.63127	1	1 CTD-2376I20.1	-
ENSG00000258561	5.13E-15	-2.63127	1	1 RP11-72M17.1	-
ENSG00000258562	5.13E-15	-2.63127	1	1 CTD-2313J17.3	-
ENSG00000258563	5.13E-15	-2.63127	1	1 PSMA3P	K02727
ENSG00000258564	5.13E-15	-2.63127	1	1 OR4N1P	K04257
ENSG00000258565	5.13E-15	-2.63127	1	1 BLZF2P	-
ENSG00000258566	5.13E-15	-2.63127	1	1 RP11-99E15.3	-
ENSG00000258567	5.13E-15	-2.63127	1	1 DUX4L16	-
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ENSG00000258570	5.13E-15	-2.63127	1	1 RP11-452K20.1	K11253
ENSG00000258573	5.13E-15	-2.63127	1	1 RP11-14J7.6	-
ENSG00000258576	5.13E-15	-2.63127	1	1 CTD-2644I21.1	-
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ENSG00000258580	5.13E-15	-2.63127	1	1 RP11-320M16.2	-
ENSG00000258582	5.13E-15	-2.63127	1	1 RP11-44L9.1	-
ENSG00000258584	5.13E-15	-2.63127	1	1 FAM181A-AS1	-
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ENSG00000258587	5.13E-15	-2.63127	1	1 RP11-316E14.2	-
ENSG00000258588	5.13E-15	-2.63127	1	1 TRIM6-TRIM34	K11999
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ENSG00000258592	5.13E-15	-2.63127	1	1 RP11-108M12.3	-
ENSG00000258594	5.13E-15	-2.63127	1	1 RP11-30G8.2	-
ENSG00000258595	5.13E-15	-2.63127	1	1 RP11-371E8.2	-
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ENSG00000258598	5.13E-15	-2.63127	1	1 RP11-260M19.1	-
ENSG00000258600	5.13E-15	-2.63127	1	1 RP11-452D21.2	-
ENSG00000258602	5.13E-15	-2.63127	1	1 RP11-7F17.7	-
ENSG00000258603	5.13E-15	-2.63127	1	1 RP3-414A15.10	-
ENSG00000258604	5.13E-15	-2.63127	1	1 AL161668.5	-
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ENSG00000258609	5.13E-15	-2.63127	1	1 LINC-ROR	-
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ENSG00000258612	5.13E-15	-2.63127	1	1 RP11-671J11.6	-
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ENSG00000258616	5.13E-15	-2.63127	1	1 RP11-369C8.1	-
ENSG00000258617	5.13E-15	-2.63127	1	1 DUX4L13	-
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ENSG00000258619	5.13E-15	-2.63127	1	1 RP11-134E15.1	-
ENSG00000258622	5.13E-15	-2.63127	1	1 RP11-90P16.2	-
ENSG00000258624	5.13E-15	-2.63127	1	1 AC145436.1	K16643
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ENSG00000258627	5.13E-15	-2.63127	1	1 RP11-76E17.1	K02924
ENSG00000258629	5.13E-15	-2.63127	1	1 CTD-2014B16.1	K09289
ENSG00000258630	5.13E-15	-2.63127	1	1 RP11-725G5.2	-
ENSG00000258631	5.13E-15	-2.63127	1	1 RP11-739G5.1	-
ENSG00000258633	5.13E-15	-2.63127	1	1 RP11-857B24.1	-
ENSG00000258636	5.13E-15	-2.63127	1	1 CTD-2298J14.2	-
ENSG00000258637	5.13E-15	-2.63127	1	1 RP11-242P2.1	-
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ENSG00000258639	5.13E-15	-2.63127	1	1 RP11-10A2.1	K11863
ENSG00000258640	5.13E-15	-2.63127	1	1 RPL21P5	K02889
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ENSG00000258642	5.13E-15	-2.63127	1	1 RP11-219E7.2	-
ENSG00000258644	5.13E-15	-2.63127	1	1 SYNJ2BP-COX16	-
ENSG00000258647	5.13E-15	-2.63127	1	1 LINC00930	-
ENSG00000258648	5.13E-15	-2.63127	1	1 UBE2CP1	K06688
ENSG00000258649	5.13E-15	-2.63127	1	1 CTD-2142D14.1	-
ENSG00000258650	5.13E-15	-2.63127	1	1 HSBP1P1	K19765
ENSG00000258651	5.13E-15	-2.63127	1	1 RP11-545M17.1	-
ENSG00000258652	5.13E-15	-2.63127	1	1 OR4Q1P	K04257
ENSG00000258653	5.13E-15	-2.63127	1	1 RP5-1021I20.4	K13949
ENSG00000258656	5.13E-15	-2.63127	1	1 RP11-193F5.4	K11300
ENSG00000258657	5.13E-15	-2.63127	1	1 RP11-104E19.1	-
ENSG00000258660	5.13E-15	-2.63127	1	1 RP4-693M11.3	-
ENSG00000258661	5.13E-15	-2.63127	1	1 RP11-964E11.2	-
ENSG00000258662	5.13E-15	-2.63127	1	1 RP11-588P7.2	-
ENSG00000258663	5.13E-15	-2.63127	1	1 RP11-123M6.2	-
ENSG00000258664	5.13E-15	-2.63127	1	1 IFRG15	K11794
ENSG00000258665	5.13E-15	-2.63127	1	1 AC068831.12	-
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ENSG00000258668	5.13E-15	-2.63127	1	1 COX6CP11	K02268
ENSG00000258670	5.13E-15	-2.63127	1	1 RP11-1042B17.3	-
ENSG00000258671	5.13E-15	-2.63127	1	1 RP11-407N17.2	-
ENSG00000258672	5.13E-15	-2.63127	1	1 RP11-543C4.3	-
ENSG00000258674	5.13E-15	-2.63127	1	1 CTC-260F20.3	K11353
ENSG00000258676	5.13E-15	-2.63127	1	1 RP11-386M24.3	-
ENSG00000258677	5.13E-15	-2.63127	1	1 RP11-463D19.2	K10688
ENSG00000258678	5.13E-15	-2.63127	1	1 RP11-1078H9.1	-
ENSG00000258680	5.13E-15	-2.63127	1	1 RP11-506K19.1	-
ENSG00000258681	5.13E-15	-2.63127	1	1 RP11-8L8.1	-
ENSG00000258683	5.13E-15	-2.63127	1	1 RP11-11K13.1	-
ENSG00000258685	5.13E-15	-2.63127	1	1 CTD-2315A10.2	K00011
ENSG00000258687	5.13E-15	-2.63127	1	1 RP11-218E20.2	-
ENSG00000258690	5.13E-15	-2.63127	1	1 RP11-81F13.1	-
ENSG00000258691	5.13E-15	-2.63127	1	1 RP11-404P21.8	K03915
ENSG00000258692	5.13E-15	-2.63127	1	1 SALL4P7	-
ENSG00000258693	5.13E-15	-2.63127	1	1 RP11-436M15.3	-
ENSG00000258694	5.13E-15	-2.63127	1	1 RP11-1033H12.1	-
ENSG00000258696	5.13E-15	-2.63127	1	1 CTD-2058B24.3	-
ENSG00000258697	5.13E-15	-2.63127	1	1 DUX4L6	-
ENSG00000258698	5.13E-15	-2.63127	1	1 RP11-589M4.3	-
ENSG00000258699	5.13E-15	-2.63127	1	1 RP11-356K23.2	-
ENSG00000258700	5.13E-15	-2.63127	1	1 LINC00871	-
ENSG00000258702	5.13E-15	-2.63127	1	1 RP11-433J8.1	-
ENSG00000258703	5.13E-15	-2.63127	1	1 RP11-1085N6.4	-
ENSG00000258705	5.13E-15	-2.63127	1	1 AE000660.4	-
ENSG00000258706	5.13E-15	-2.63127	1	1 SLC20A1P3	-
ENSG00000258707	5.13E-15	-2.63127	1	1 RP11-467L19.11	-

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ENSG00000258714	5.13E-15	-2.63127	1	1 RP11-998D10.7	-
ENSG00000258716	5.13E-15	-2.63127	1	1 RP11-661G16.2	-
ENSG00000258718	5.13E-15	-2.63127	1	1 RP11-226P1.2	-
ENSG00000258719	5.13E-15	-2.63127	1	1 RP11-232C2.3	-
ENSG00000258721	5.13E-15	-2.63127	1	1 OR11H3P	K04257
ENSG00000258722	5.13E-15	-2.63127	1	1 RP11-998D10.5	K16769
ENSG00000258723	5.13E-15	-2.63127	1	1 RP11-332E19.2	-
ENSG00000258724	5.13E-15	-2.63127	1	1 SOX7	K09270
ENSG00000258726	5.13E-15	-2.63127	1	1 DUXAP6	-
ENSG00000258728	5.13E-15	-2.63127	1	1 GALT	K05056
ENSG00000258729	5.13E-15	-2.63127	1	1 DKFZP434O1614	-
ENSG00000258730	5.13E-15	-2.63127	1	1 ITPK1-AS1	-
ENSG00000258731	5.13E-15	-2.63127	1	1 RP11-547D23.1	-
ENSG00000258732	5.13E-15	-2.63127	1	1 RP11-603B24.1	K05628
ENSG00000258734	5.13E-15	-2.63127	1	1 RP11-112J1.3	-
ENSG00000258735	5.13E-15	-2.63127	1	1 LINC00637	-
ENSG00000258736	5.13E-15	-2.63127	1	1 RP11-982M15.7	-
ENSG00000258737	5.13E-15	-2.63127	1	1 SUB1P2	-
ENSG00000258739	5.13E-15	-2.63127	1	1 ENO1P2	-
ENSG00000258740	5.13E-15	-2.63127	1	1 RP11-293M10.1	-
ENSG00000258742	5.13E-15	-2.63127	1	1 RP11-862G15.1	-
ENSG00000258743	5.13E-15	-2.63127	1	1 RP11-406A9.2	-
ENSG00000258744	5.13E-15	-2.63127	1	1 RP11-80A15.1	K01329
ENSG00000258746	5.13E-15	-2.63127	1	1 RP11-454K7.2	K16733
ENSG00000258747	5.13E-15	-2.63127	1	1 RP11-163M18.1	-
ENSG00000258749	5.13E-15	-2.63127	1	1 RP11-688G15.3	-
ENSG00000258750	5.13E-15	-2.63127	1	1 RP11-2G1.2	-
ENSG00000258751	5.13E-15	-2.63127	1	1 RP11-2G1.1	-
ENSG00000258752	5.13E-15	-2.63127	1	1 RP11-356K23.1	-
ENSG00000258753	5.13E-15	-2.63127	1	1 RP11-794A8.1	-
ENSG00000258754	5.13E-15	-2.63127	1	1 CTD-3049M7.1	-
ENSG00000258755	5.13E-15	-2.63127	1	1 DUX4L7	-
ENSG00000258757	5.13E-15	-2.63127	1	1 RP11-841O20.2	-
ENSG00000258758	5.13E-15	-2.63127	1	1 RP11-613G13.1	K12597
ENSG00000258761	5.13E-15	-2.63127	1	1 RP11-24J19.1	-
ENSG00000258762	5.13E-15	-2.63127	1	1 CTD-2320B12.3	-
ENSG00000258763	5.13E-15	-2.63127	1	1 RP11-110A12.2	-
ENSG00000258764	5.13E-15	-2.63127	1	1 RP11-1042B17.4	-
ENSG00000258765	5.13E-15	-2.63127	1	1 RP11-692C24.2	-
ENSG00000258766	5.13E-15	-2.63127	1	1 DIO2-AS1	-
ENSG00000258767	5.13E-15	-2.63127	1	1 RP11-32B5.5	-
ENSG00000258769	5.13E-15	-2.63127	1	1 RAP1AP	K04353
ENSG00000258770	5.13E-15	-2.63127	1	1 CTD-2007A10.1	-
ENSG00000258771	5.13E-15	-2.63127	1	1 RP11-854K16.2	K05726
ENSG00000258772	5.13E-15	-2.63127	1	1 RP11-84C10.3	-
ENSG00000258773	5.13E-15	-2.63127	1	1 RP11-255M2.2	-
ENSG00000258774	5.13E-15	-2.63127	1	1 NANOGP7	K10164
ENSG00000258776	5.13E-15	-2.63127	1	1 RP11-1085N6.5	-
ENSG00000258778	5.13E-15	-2.63127	1	1 RP11-804M7.1	K03238
ENSG00000258779	5.13E-15	-2.63127	1	1 RP11-140I24.1	-
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ENSG00000258781	5.13E-15	-2.63127	1	1 RP11-496I2.4	-
ENSG00000258782	5.13E-15	-2.63127	1	1 RP11-701B16.2	-
ENSG00000258783	5.13E-15	-2.63127	1	1 KRT18P6	K07604
ENSG00000258784	5.13E-15	-2.63127	1	1 RP11-813I20.2	-
ENSG00000258785	5.13E-15	-2.63127	1	1 CTD-2643K12.2	-

ENSG00000258786	5.13E-15	-2.63127	1	1 RP11-928F19.3	K04257
ENSG00000258787	5.13E-15	-2.63127	1	1 RP11-164C12.1	K01008
ENSG00000258788	5.13E-15	-2.63127	1	1 RP11-404P21.9	K02219
ENSG00000258792	5.13E-15	-2.63127	1	1 RP11-944C7.1	K16467
ENSG00000258793	5.13E-15	-2.63127	1	1 RP11-404P21.3	-
ENSG00000258794	5.13E-15	-2.63127	1	1 RP11-313F23.5	-
ENSG00000258795	5.13E-15	-2.63127	1	1 RP11-1082A3.1	-
ENSG00000258796	5.13E-15	-2.63127	1	1 CTD-2560C21.1	K02896
ENSG00000258797	5.13E-15	-2.63127	1	1 RP11-467L19.6	K14559
ENSG00000258798	5.13E-15	-2.63127	1	1 RP11-895M11.3	-
ENSG00000258799	5.13E-15	-2.63127	1	1 RP11-810K23.5	K09228
ENSG00000258800	5.13E-15	-2.63127	1	1 CTD-2302E22.2	-
ENSG00000258803	5.13E-15	-2.63127	1	1 RP11-624J12.1	-
ENSG00000258804	5.13E-15	-2.63127	1	1 RP11-322L20.1	K04613
ENSG00000258805	5.13E-15	-2.63127	1	1 ADIPOR1P2	K07297
ENSG00000258806	5.13E-15	-2.63127	1	1 OR11H7	K04257
ENSG00000258807	5.13E-15	-2.63127	1	1 RP11-1152H15.1	-
ENSG00000258808	5.13E-15	-2.63127	1	1 RP11-255G12.3	-
ENSG00000258810	5.13E-15	-2.63127	1	1 RP11-219E7.1	-
ENSG00000258812	5.13E-15	-2.63127	1	1 TRAV33	-
ENSG00000258814	5.13E-15	-2.63127	1	1 CTD-2128A3.3	-
ENSG00000258816	5.13E-15	-2.63127	1	1 RP11-74M13.3	-
ENSG00000258817	5.13E-15	-2.63127	1	1 OR4C13	K04257
ENSG00000258820	5.13E-15	-2.63127	1	1 RP11-293M10.2	-
ENSG00000258822	5.13E-15	-2.63127	1	1 OR4K16P	K04257
ENSG00000258825	5.13E-15	-2.63127	1	1 AL133168.3	-
ENSG00000258826	5.13E-15	-2.63127	1	1 RP11-300J18.1	-
ENSG00000258827	5.13E-15	-2.63127	1	1 RP11-537P22.2	-
ENSG00000258828	5.13E-15	-2.63127	1	1 KRT8P2	K07605
ENSG00000258829	5.13E-15	-2.63127	1	1 CTD-2243E23.1	-
ENSG00000258830	5.13E-15	-2.63127	1	1 RP11-123K3.4	-
ENSG00000258831	5.13E-15	-2.63127	1	1 RP11-76E17.4	-
ENSG00000258834	5.13E-15	-2.63127	1	1 DUX4L4	-
ENSG00000258835	5.13E-15	-2.63127	1	1 TRAV28	-
ENSG00000258836	5.13E-15	-2.63127	1	1 RP11-349A22.2	K11488
ENSG00000258837	5.13E-15	-2.63127	1	1 CTD-2566J3.1	-
ENSG00000258838	5.13E-15	-2.63127	1	1 ERCC6-PGBD3	K10841
ENSG00000258841	5.13E-15	-2.63127	1	1 RP11-226P1.3	K03231
ENSG00000258842	5.13E-15	-2.63127	1	1 RP11-355I22.5	-
ENSG00000258843	5.13E-15	-2.63127	1	1 RP11-286O18.1	-
ENSG00000258844	5.13E-15	-2.63127	1	1 RP11-259K15.2	-
ENSG00000258846	5.13E-15	-2.63127	1	1 EEF1A1P33	K03231
ENSG00000258847	5.13E-15	-2.63127	1	1 CTD-2014B16.3	K07560
ENSG00000258848	5.13E-15	-2.63127	1	1 GRAMD4P6	-
ENSG00000258849	5.13E-15	-2.63127	1	1 OR7E159P	K04257
ENSG00000258850	5.13E-15	-2.63127	1	1 RP11-214N1.1	-
ENSG00000258853	5.13E-15	-2.63127	1	1 RP11-30G8.1	-
ENSG00000258854	5.13E-15	-2.63127	1	1 RP11-463J10.4	-
ENSG00000258855	5.13E-15	-2.63127	1	1 OR11J2P	K04257
ENSG00000258856	5.13E-15	-2.63127	1	1 CTD-2325K12.1	K12900
ENSG00000258859	5.13E-15	-2.63127	1	1 RP11-594C13.1	-
ENSG00000258860	5.13E-15	-2.63127	1	1 RP11-561B11.3	-
ENSG00000258861	5.13E-15	-2.63127	1	1 MIR381HG	-
ENSG00000258863	5.13E-15	-2.63127	1	1 SETP1	K11290
ENSG00000258864	5.13E-15	-2.63127	1	1 CTC-554D6.1	K03105
ENSG00000258866	5.13E-15	-2.63127	1	1 RP11-991C1.2	-
ENSG00000258867	5.13E-15	-2.63127	1	1 LINC01146	-
ENSG00000258868	5.13E-15	-2.63127	1	1 RP11-816J8.1	-

ENSG00000258869	5.13E-15	-2.63127	1	1 RP11-204N11.1	—
ENSG00000258870	5.13E-15	-2.63127	1	1 EIF4EBP1P1	K07205
ENSG00000258871	5.13E-15	-2.63127	1	1 RP3-514A23.2	—
ENSG00000258872	5.13E-15	-2.63127	1	1 FDPSP3	K00787
ENSG00000258873	5.13E-15	-2.63127	1	1 DUXA	K01082
ENSG00000258874	5.13E-15	-2.63127	1	1 RP11-232C2.2	—
ENSG00000258875	5.13E-15	-2.63127	1	1 CTD-2547L24.3	—
ENSG00000258876	5.13E-15	-2.63127	1	1 RP11-270M14.5	—
ENSG00000258877	5.13E-15	-2.63127	1	1 RP11-395B20.1	K02132
ENSG00000258878	5.13E-15	-2.63127	1	1 CTD-2509G16.3	—
ENSG00000258879	5.13E-15	-2.63127	1	1 RP11-713N11.5	—
ENSG00000258881	5.13E-15	-2.63127	1	1 AC007040.11	—
ENSG00000258882	5.13E-15	-2.63127	1	1 CTD-2277K2.1	—
ENSG00000258883	5.13E-15	-2.63127	1	1 RP11-32B5.2	—
ENSG00000258884	5.13E-15	-2.63127	1	1 CTD-3035D6.2	—
ENSG00000258885	5.13E-15	-2.63127	1	1 RP11-344B23.2	—
ENSG00000258886	5.13E-15	-2.63127	1	1 HIGD1AP17	—
ENSG00000258887	5.13E-15	-2.63127	1	1 RP11-388E23.3	K11164
ENSG00000258888	5.13E-15	-2.63127	1	1 RP11-326A13.1	—
ENSG00000258892	5.13E-15	-2.63127	1	1 RP11-193F5.1	—
ENSG00000258893	5.13E-15	-2.63127	1	1 SETP2	K11290
ENSG00000258894	5.13E-15	-2.63127	1	1 RP11-557C9.1	—
ENSG00000258895	5.13E-15	-2.63127	1	1 CTD-2643K12.1	K13126
ENSG00000258897	5.13E-15	-2.63127	1	1 EGLN3-AS1	—
ENSG00000258899	5.13E-15	-2.63127	1	1 OR4U1P	K04257
ENSG00000258901	5.13E-15	-2.63127	1	1 CTD-2298J14.1	K06689
ENSG00000258902	5.13E-15	-2.63127	1	1 CTD-2128A3.2	—
ENSG00000258903	5.13E-15	-2.63127	1	1 RP11-355I22.2	—
ENSG00000258905	5.13E-15	-2.63127	1	1 TRAV32	—
ENSG00000258906	5.13E-15	-2.63127	1	1 CTD-2552B11.3	—
ENSG00000258907	5.13E-15	-2.63127	1	1 RP11-644F5.15	K02735
ENSG00000258908	5.13E-15	-2.63127	1	1 RP11-203M5.8	—
ENSG00000258909	5.13E-15	-2.63127	1	1 RP11-164C12.2	—
ENSG00000258910	5.13E-15	-2.63127	1	1 RP11-19E11.1	—
ENSG00000258911	5.13E-15	-2.63127	1	1 DUX4L10	—
ENSG00000258912	5.13E-15	-2.63127	1	1 RP11-1079H9.1	—
ENSG00000258913	5.13E-15	-2.63127	1	1 RP11-260M19.2	—
ENSG00000258914	5.13E-15	-2.63127	1	1 CTD-2134A5.3	—
ENSG00000258915	5.13E-15	-2.63127	1	1 RP11-114N19.2	—
ENSG00000258916	5.13E-15	-2.63127	1	1 SPATA31E2P	—
ENSG00000258918	5.13E-15	-2.63127	1	1 RP11-219E7.4	—
ENSG00000258919	5.13E-15	-2.63127	1	1 RP11-1029J19.4	—
ENSG00000258921	5.13E-15	-2.63127	1	1 RP11-644F5.16	—
ENSG00000258923	5.13E-15	-2.63127	1	1 CTD-2320B12.1	K03883
ENSG00000258924	5.13E-15	-2.63127	1	1 CTB-96E2.3	—
ENSG00000258925	5.13E-15	-2.63127	1	1 NPM1P5	K11276
ENSG00000258926	5.13E-15	-2.63127	1	1 RP11-47I22.1	—
ENSG00000258928	5.13E-15	-2.63127	1	1 RP11-463J10.2	—
ENSG00000258930	5.13E-15	-2.63127	1	1 RP5-1163L11.2	—
ENSG00000258931	5.13E-15	-2.63127	1	1 RP11-1084I9.2	—
ENSG00000258932	5.13E-15	-2.63127	1	1 CTD-3006G17.2	—
ENSG00000258933	5.13E-15	-2.63127	1	1 RP11-991C1.1	—
ENSG00000258934	5.13E-15	-2.63127	1	1 RP11-97N10.1	—
ENSG00000258935	5.13E-15	-2.63127	1	1 RP11-1078H9.2	—
ENSG00000258941	5.13E-15	-2.63127	1	1 RP11-407N17.3	—
ENSG00000258942	5.13E-15	-2.63127	1	1 RP11-255G12.2	—
ENSG00000258943	5.13E-15	-2.63127	1	1 RP11-696D21.2	—
ENSG00000258945	5.13E-15	-2.63127	1	1 RP11-497E19.2	—

ENSG00000258946	5.13E-15	-2.63127	1	1 RP11-58E21.4	-
ENSG00000258948	5.13E-15	-2.63127	1	1 KRT8P1	K07605
ENSG00000258949	5.13E-15	-2.63127	1	1 RP11-857B24.5	-
ENSG00000258951	5.13E-15	-2.63127	1	1 KRT18P7	K07604
ENSG00000258952	5.13E-15	-2.63127	1	1 RP11-1042B17.5	-
ENSG00000258954	5.13E-15	-2.63127	1	1 RP11-692C24.1	-
ENSG00000258955	5.13E-15	-2.63127	1	1 LINC00519	-
ENSG00000258956	5.13E-15	-2.63127	1	1 COX4I1P1	K02263
ENSG00000258958	5.13E-15	-2.63127	1	1 RP11-594C13.2	-
ENSG00000258960	5.13E-15	-2.63127	1	1 CTD-2014B16.2	K00522
ENSG00000258962	5.13E-15	-2.63127	1	1 RP11-747H7.1	K00898
ENSG00000258963	5.13E-15	-2.63127	1	1 RP11-903H12.4	-
ENSG00000258964	5.13E-15	-2.63127	1	1 RP11-618G20.1	-
ENSG00000258965	5.13E-15	-2.63127	1	1 RP11-446P9.1	K02963
ENSG00000258966	5.13E-15	-2.63127	1	1 RP5-1163L11.3	-
ENSG00000258967	5.13E-15	-2.63127	1	1 HMGN1P3	K11299
ENSG00000258968	5.13E-15	-2.63127	1	1 RP11-829H16.5	K16473
ENSG00000258969	5.13E-15	-2.63127	1	1 RP11-305B6.3	-
ENSG00000258970	5.13E-15	-2.63127	1	1 RP11-100M12.1	-
ENSG00000258971	5.13E-15	-2.63127	1	1 RP11-326A13.3	-
ENSG00000258972	5.13E-15	-2.63127	1	1 NDUFB8P1	K03964
ENSG00000258973	5.13E-15	-2.63127	1	1 RP11-934B9.3	K08044
ENSG00000258975	5.13E-15	-2.63127	1	1 RP11-753D20.1	-
ENSG00000258976	5.13E-15	-2.63127	1	1 CTD-2207P18.2	-
ENSG00000258977	5.13E-15	-2.63127	1	1 RP11-799P8.1	-
ENSG00000258978	5.13E-15	-2.63127	1	1 HIF1AP1	K08268
ENSG00000258979	5.13E-15	-2.63127	1	1 RP11-433J8.2	-
ENSG00000258980	5.13E-15	-2.63127	1	1 EIF1AXP2	K03236
ENSG00000258981	5.13E-15	-2.63127	1	1 COX5AP2	K02264
ENSG00000258983	5.13E-15	-2.63127	1	1 RP11-507K2.2	-
ENSG00000258986	5.13E-15	-2.63127	1	1 TMEM179	-
ENSG00000258987	5.13E-15	-2.63127	1	1 RP11-131H24.4	K10324
ENSG00000258988	5.13E-15	-2.63127	1	1 RP11-125H8.1	K12831
ENSG00000258989	5.13E-15	-2.63127	1	1 RP11-47I22.4	K18051
ENSG00000258990	5.13E-15	-2.63127	1	1 MPPE1P1	-
ENSG00000258991	5.13E-15	-2.63127	1	1 DUX4L19	-
ENSG00000258992	5.13E-15	-2.63127	1	1 TSPY1	K11284
ENSG00000258993	5.13E-15	-2.63127	1	1 RP11-368P15.2	-
ENSG00000258994	5.13E-15	-2.63127	1	1 RP11-26L16.1	-
ENSG00000258995	5.13E-15	-2.63127	1	1 RP11-1112J20.1	K10798
ENSG00000258996	5.13E-15	-2.63127	1	1 CTD-2315A10.1	K03767
ENSG00000258997	5.13E-15	-2.63127	1	1 NF1P2	K08052
ENSG00000258998	5.13E-15	-2.63127	1	1 RP11-398E10.1	-
ENSG00000258999	5.13E-15	-2.63127	1	1 RP11-114N19.3	-
ENSG00000259000	5.13E-15	-2.63127	1	1 CTD-2373J19.1	-
ENSG00000259003	5.13E-15	-2.63127	1	1 AE000662.92	-
ENSG00000259004	5.13E-15	-2.63127	1	1 RP11-8L8.2	-
ENSG00000259006	5.13E-15	-2.63127	1	1 RP11-566K11.4	-
ENSG00000259007	5.13E-15	-2.63127	1	1 RP11-463J10.3	-
ENSG00000259008	5.13E-15	-2.63127	1	1 RP11-932A10.1	-
ENSG00000259009	5.13E-15	-2.63127	1	1 TPRX2P	K09337
ENSG00000259010	5.13E-15	-2.63127	1	1 RP11-973N13.2	K14295
ENSG00000259011	5.13E-15	-2.63127	1	1 RP11-2C7.1	-
ENSG00000259012	5.13E-15	-2.63127	1	1 CTD-2320B12.2	-
ENSG00000259013	5.13E-15	-2.63127	1	1 RP11-1017G21.3	K03948
ENSG00000259016	5.13E-15	-2.63127	1	1 CTD-2335L22.6	K04257
ENSG00000259017	5.13E-15	-2.63127	1	1 RP11-561B11.6	-
ENSG00000259018	5.13E-15	-2.63127	1	1 RP11-124D2.3	-

ENSG00000259019	5.13E-15	-2.63127	1	1 RP11-305B6.2	K03258
ENSG00000259021	5.13E-15	-2.63127	1	1 TPRX1P1	-
ENSG00000259023	5.13E-15	-2.63127	1	1 LINC00524	-
ENSG00000259025	5.13E-15	-2.63127	1	1 RP11-810K23.6	-
ENSG00000259026	5.13E-15	-2.63127	1	1 RP11-907D1.1	-
ENSG00000259028	5.13E-15	-2.63127	1	1 RP11-325D8.1	-
ENSG00000259029	5.13E-15	-2.63127	1	1 DUX4L18	-
ENSG00000259030	5.13E-15	-2.63127	1	1 FPGT-TNNI3K	K17535
ENSG00000259033	5.13E-15	-2.63127	1	1 RP11-718G2.5	-
ENSG00000259034	5.13E-15	-2.63127	1	1 DUX4L3	-
ENSG00000259035	5.13E-15	-2.63127	1	1 RP11-666E17.1	-
ENSG00000259036	5.13E-15	-2.63127	1	1 RP11-404P21.1	-
ENSG00000259037	5.13E-15	-2.63127	1	1 RP11-614O9.1	-
ENSG00000259038	5.13E-15	-2.63127	1	1 CTD-2325P2.4	-
ENSG00000259039	5.13E-15	-2.63127	1	1 RP11-409I10.2	-
ENSG00000259041	5.13E-15	-2.63127	1	1 RP11-167B3.1	-
ENSG00000259042	5.13E-15	-2.63127	1	1 AE000661.50	-
ENSG00000259043	5.13E-15	-2.63127	1	1 BRD7P1	K11723
ENSG00000259044	5.13E-15	-2.63127	1	1 RP11-789A21.1	-
ENSG00000259045	5.13E-15	-2.63127	1	1 RP11-320M16.1	K02256
ENSG00000259046	5.13E-15	-2.63127	1	1 RP11-857B24.2	K16185
ENSG00000259047	5.13E-15	-2.63127	1	1 RP11-16O13.1	K00699
ENSG00000259049	5.13E-15	-2.63127	1	1 RP11-589M4.1	-
ENSG00000259050	5.13E-15	-2.63127	1	1 CHORDC2P	K16729
ENSG00000259052	5.13E-15	-2.63127	1	1 AL157871.2	-
ENSG00000259053	5.13E-15	-2.63127	1	1 RP11-33N16.3	-
ENSG00000259054	5.13E-15	-2.63127	1	1 AE000662.93	-
ENSG00000259055	5.13E-15	-2.63127	1	1 RP11-1140I5.1	-
ENSG00000259057	5.13E-15	-2.63127	1	1 CTD-2343P13.1	K13112
ENSG00000259058	5.13E-15	-2.63127	1	1 RP11-488C13.4	-
ENSG00000259059	5.13E-15	-2.63127	1	1 PEBP1P1	-
ENSG00000259060	5.13E-15	-2.63127	1	1 RNASE11	K16633
ENSG00000259061	5.13E-15	-2.63127	1	1 RP11-736P16.1	-
ENSG00000259062	5.13E-15	-2.63127	1	1 ACTN1-AS1	-
ENSG00000259063	5.13E-15	-2.63127	1	1 DUX4L5	-
ENSG00000259064	5.13E-15	-2.63127	1	1 RP11-386M24.5	K04370
ENSG00000259066	5.13E-15	-2.63127	1	1 RP11-371E8.4	K11979
ENSG00000259067	5.13E-15	-2.63127	1	1 CTD-3051D23.3	-
ENSG00000259068	5.13E-15	-2.63127	1	1 TRAV37	-
ENSG00000259069	5.13E-15	-2.63127	1	1 RP11-597A11.6	-
ENSG00000259072	5.13E-15	-2.63127	1	1 RP11-96D24.1	-
ENSG00000259073	5.13E-15	-2.63127	1	1 FOXN3-AS2	-
ENSG00000259074	5.13E-15	-2.63127	1	1 PSMB7P1	K02739
ENSG00000259075	5.13E-15	-2.63127	1	1 POC1B-GALNT4	K00710
ENSG00000259076	5.13E-15	-2.63127	1	1 RP11-973N13.3	-
ENSG00000259077	5.13E-15	-2.63127	1	1 RP11-804L24.2	-
ENSG00000259080	5.13E-15	-2.63127	1	1 RP11-158I13.2	-
ENSG00000259081	5.13E-15	-2.63127	1	1 RP11-488C13.6	-
ENSG00000259082	5.13E-15	-2.63127	1	1 RP11-168L7.3	-
ENSG00000259084	5.13E-15	-2.63127	1	1 RP11-1070N10.6	-
ENSG00000259087	5.13E-15	-2.63127	1	1 RP11-356O9.2	-
ENSG00000259089	5.13E-15	-2.63127	1	1 GRAMD4P5	-
ENSG00000259090	5.13E-15	-2.63127	1	1 RP11-173D9.5	K16944
ENSG00000259092	5.13E-15	-2.63127	1	1 TRAV30	-
ENSG00000259093	5.13E-15	-2.63127	1	1 RP11-1112J20.2	-
ENSG00000259094	5.13E-15	-2.63127	1	1 RP11-77A13.1	-
ENSG00000259095	5.13E-15	-2.63127	1	1 RP11-98N22.6	K03121
ENSG00000259097	5.13E-15	-2.63127	1	1 RP11-61O1.1	-

ENSG00000259098	5.13E-15	-2.63127	1	1 RP11-603B24.2	-
ENSG00000259099	5.13E-15	-2.63127	1	1 RP11-348M3.2	K16810
ENSG00000259100	5.13E-15	-2.63127	1	1 RP11-1074O12.1	K13150
ENSG00000259102	5.13E-15	-2.63127	1	1 CTD-2552B11.2	K11651
ENSG00000259103	5.13E-15	-2.63127	1	1 RP11-270M14.4	-
ENSG00000259104	5.13E-15	-2.63127	1	1 PTCSC3	-
ENSG00000259105	5.13E-15	-2.63127	1	1 RPS3AP4	K02984
ENSG00000259106	5.13E-15	-2.63127	1	1 RP11-242P2.2	-
ENSG00000259107	5.13E-15	-2.63127	1	1 LINC00911	-
ENSG00000259108	5.13E-15	-2.63127	1	1 CTD-3098H1.2	-
ENSG00000259109	5.13E-15	-2.63127	1	1 RP4-687K1.2	-
ENSG00000259110	5.13E-15	-2.63127	1	1 RP11-359N5.1	-
ENSG00000259111	5.13E-15	-2.63127	1	1 RP11-280K24.1	-
ENSG00000259112	5.13E-15	-2.63127	1	1 NDUFC2-KCTD14	K03968
ENSG00000259114	5.13E-15	-2.63127	1	1 AC005484.5	-
ENSG00000259115	5.13E-15	-2.63127	1	1 CTD-2540L5.5	-
ENSG00000259117	5.13E-15	-2.63127	1	1 RP11-476J6.1	-
ENSG00000259118	5.13E-15	-2.63127	1	1 RP11-840I19.3	-
ENSG00000259119	5.13E-15	-2.63127	1	1 RP11-1127D7.1	-
ENSG00000259121	5.13E-15	-2.63127	1	1 RP11-545M17.2	K02942
ENSG00000259122	5.13E-15	-2.63127	1	1 TVP23BP1	-
ENSG00000259123	5.13E-15	-2.63127	1	1 RP11-76E17.2	-
ENSG00000259124	5.13E-15	-2.63127	1	1 RP11-187O7.3	-
ENSG00000259125	5.13E-15	-2.63127	1	1 RP11-545N8.3	-
ENSG00000259126	5.13E-15	-2.63127	1	1 RP11-99L13.2	-
ENSG00000259128	5.13E-15	-2.63127	1	1 DUX4L2	-
ENSG00000259130	5.13E-15	-2.63127	1	1 RP11-219E7.3	-
ENSG00000259132	5.13E-15	-2.63127	1	1 RP11-298I3.5	K16587
ENSG00000259133	5.13E-15	-2.63127	1	1 RP11-1085N6.3	K09228
ENSG00000259134	5.13E-15	-2.63127	1	1 LINC00924	-
ENSG00000259135	5.13E-15	-2.63127	1	1 RP11-671J11.4	-
ENSG00000259136	5.13E-15	-2.63127	1	1 RP11-108M12.2	K12597
ENSG00000259137	5.13E-15	-2.63127	1	1 RP11-305B6.1	-
ENSG00000259139	5.13E-15	-2.63127	1	1 DUX4L12	-
ENSG00000259140	5.13E-15	-2.63127	1	1 RP11-986E7.2	-
ENSG00000259142	5.13E-15	-2.63127	1	1 LINC00644	-
ENSG00000259143	5.13E-15	-2.63127	1	1 CTD-2240H23.2	-
ENSG00000259144	5.13E-15	-2.63127	1	1 RANBP20P	-
ENSG00000259145	5.13E-15	-2.63127	1	1 RP11-566K19.9	-
ENSG00000259148	5.13E-15	-2.63127	1	1 RP11-322L17.1	K16197
ENSG00000259149	5.13E-15	-2.63127	1	1 RP11-313C4.1	-
ENSG00000259150	5.13E-15	-2.63127	1	1 LINC00929	-
ENSG00000259152	5.13E-15	-2.63127	1	1 RP11-100M12.2	-
ENSG00000259154	5.13E-15	-2.63127	1	1 DUX4L17	-
ENSG00000259156	5.13E-15	-2.63127	1	1 CHEK2P2	K06641
ENSG00000259157	5.13E-15	-2.63127	1	1 RP11-280K24.6	-
ENSG00000259159	5.13E-15	-2.63127	1	1 MFRP	-
ENSG00000259160	5.13E-15	-2.63127	1	1 RP11-973N13.5	K02883
ENSG00000259161	5.13E-15	-2.63127	1	1 CTD-2017C7.3	K11276
ENSG00000259162	5.13E-15	-2.63127	1	1 RP11-203M5.6	-
ENSG00000259163	5.13E-15	-2.63127	1	1 RP11-1078H9.5	-
ENSG00000259164	5.13E-15	-2.63127	1	1 RP11-463C8.4	-
ENSG00000259166	5.13E-15	-2.63127	1	1 RP11-1029J19.2	-
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ENSG00000259168	5.13E-15	-2.63127	1	1 RP11-100M12.3	-
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ENSG00000259170	5.13E-15	-2.63127	1	1 RP11-763K15.1	-
ENSG00000259171	5.13E-15	-2.63127	1	1 AL163636.6	K16632

ENSG00000259173	5.13E-15	-2.63127	1	1 RP11-30K9.7	K02140
ENSG00000259174	5.13E-15	-2.63127	1	1 RP11-1180F24.1	K04679
ENSG00000259175	5.13E-15	-2.63127	1	1 RP11-379K22.2	-
ENSG00000259176	5.13E-15	-2.63127	1	1 RP11-69H14.6	-
ENSG00000259178	5.13E-15	-2.63127	1	1 CTD-2184D3.3	-
ENSG00000259179	5.13E-15	-2.63127	1	1 UBE2CP4	K06688
ENSG00000259180	5.13E-15	-2.63127	1	1 RP11-420M1.2	-
ENSG00000259181	5.13E-15	-2.63127	1	1 RP11-463I20.3	-
ENSG00000259183	5.13E-15	-2.63127	1	1 MED28P6	-
ENSG00000259184	5.13E-15	-2.63127	1	1 RP11-566K19.4	K14559
ENSG00000259185	5.13E-15	-2.63127	1	1 RP11-56B16.4	-
ENSG00000259186	5.13E-15	-2.63127	1	1 MRPS15P1	-
ENSG00000259187	5.13E-15	-2.63127	1	1 CTD-2008A1.1	-
ENSG00000259188	5.13E-15	-2.63127	1	1 CTD-2647E9.3	-
ENSG00000259192	5.13E-15	-2.63127	1	1 AC109631.1	K15731
ENSG00000259194	5.13E-15	-2.63127	1	1 RP11-108K3.4	-
ENSG00000259195	5.13E-15	-2.63127	1	1 RP11-158M2.6	K02981
ENSG00000259196	5.13E-15	-2.63127	1	1 HMBOX1-IT1	-
ENSG00000259198	5.13E-15	-2.63127	1	1 RP11-133K1.6	-
ENSG00000259199	5.13E-15	-2.63127	1	1 CTD-2544M6.1	-
ENSG00000259200	5.13E-15	-2.63127	1	1 RP11-718O11.1	-
ENSG00000259202	5.13E-15	-2.63127	1	1 RP11-342M21.2	-
ENSG00000259203	5.13E-15	-2.63127	1	1 RP11-209K10.2	-
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ENSG00000259206	5.13E-15	-2.63127	1	1 RP13-608F4.8	-
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ENSG00000259208	5.13E-15	-2.63127	1	1 RP11-621H8.1	-
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ENSG00000259214	5.13E-15	-2.63127	1	1 RP11-810K23.7	-
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ENSG00000259218	5.13E-15	-2.63127	1	1 LINC00928	-
ENSG00000259219	5.13E-15	-2.63127	1	1 CTD-3076O17.2	-
ENSG00000259221	5.13E-15	-2.63127	1	1 CTD-2050N2.1	-
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ENSG00000259225	5.13E-15	-2.63127	1	1 RP11-1008C21.1	-
ENSG00000259227	5.13E-15	-2.63127	1	1 RP11-64K10.1	-
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ENSG00000259231	5.13E-15	-2.63127	1	1 CTD-2014N11.2	K12651
ENSG00000259233	5.13E-15	-2.63127	1	1 RP11-467N20.6	K14559
ENSG00000259234	5.13E-15	-2.63127	1	1 RP11-17L5.4	-
ENSG00000259235	5.13E-15	-2.63127	1	1 RP11-605F22.2	-
ENSG00000259236	5.13E-15	-2.63127	1	1 CTD-2611K5.5	K10595
ENSG00000259237	5.13E-15	-2.63127	1	1 RP11-209E8.1	-
ENSG00000259239	5.13E-15	-2.63127	1	1 RP11-521C20.1	K03883
ENSG00000259240	5.13E-15	-2.63127	1	1 RP11-108K3.1	-
ENSG00000259241	5.13E-15	-2.63127	1	1 RP11-313P18.2	-
ENSG00000259245	5.13E-15	-2.63127	1	1 RP11-684B21.1	-
ENSG00000259246	5.13E-15	-2.63127	1	1 HMGN2P47	K11300
ENSG00000259247	5.13E-15	-2.63127	1	1 TTTY25P	-
ENSG00000259252	5.13E-15	-2.63127	1	1 AC011648.1	-
ENSG00000259254	5.13E-15	-2.63127	1	1 CTD-2339L15.3	-
ENSG00000259255	5.13E-15	-2.63127	1	1 RP11-627D16.1	-
ENSG00000259257	5.13E-15	-2.63127	1	1 RP11-616M17.1	-
ENSG00000259258	5.13E-15	-2.63127	1	1 RP11-325L12.3	K02880
ENSG00000259259	5.13E-15	-2.63127	1	1 NPM1P42	K11276
ENSG00000259261	5.13E-15	-2.63127	1	1 IGHV4OR15-8	K06856

ENSG00000259266	5.13E-15	-2.63127	1	1 RP11-183E24.1	-
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ENSG00000259269	5.13E-15	-2.63127	1	1 RP11-624L4.2	-
ENSG00000259270	5.13E-15	-2.63127	1	1 RP11-561C5.1	K11644
ENSG00000259271	5.13E-15	-2.63127	1	1 ANKRD62P1	-
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ENSG00000259275	5.13E-15	-2.63127	1	1 RP11-522B15.3	-
ENSG00000259276	5.13E-15	-2.63127	1	1 RP11-815J21.3	-
ENSG00000259277	5.13E-15	-2.63127	1	1 RP13-126C7.1	-
ENSG00000259278	5.13E-15	-2.63127	1	1 RP11-62C7.2	-
ENSG00000259279	5.13E-15	-2.63127	1	1 CTD-2033D15.1	-
ENSG00000259280	5.13E-15	-2.63127	1	1 RP11-122D10.1	-
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ENSG00000259282	5.13E-15	-2.63127	1	1 SPATA8-AS1	-
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ENSG00000259284	5.13E-15	-2.63127	1	1 RP11-162I7.1	-
ENSG00000259285	5.13E-15	-2.63127	1	1 CTD-2330J20.2	-
ENSG00000259288	5.13E-15	-2.63127	1	1 RP11-133K1.2	K06637
ENSG00000259289	5.13E-15	-2.63127	1	1 RP11-798K3.3	-
ENSG00000259290	5.13E-15	-2.63127	1	1 RP11-687M24.7	-
ENSG00000259293	5.13E-15	-2.63127	1	1 RP11-355N15.1	-
ENSG00000259296	5.13E-15	-2.63127	1	1 RP11-313P18.1	-
ENSG00000259299	5.13E-15	-2.63127	1	1 RP11-37J13.1	K11795
ENSG00000259300	5.13E-15	-2.63127	1	1 TUBBP8	K07375
ENSG00000259301	5.13E-15	-2.63127	1	1 RP11-643A5.1	-
ENSG00000259302	5.13E-15	-2.63127	1	1 RP11-182J1.11	-
ENSG00000259303	5.13E-15	-2.63127	1	1 IGHV2OR16-5	-
ENSG00000259304	5.13E-15	-2.63127	1	1 CTD-2014N11.3	K12651
ENSG00000259306	5.13E-15	-2.63127	1	1 RP11-108K3.2	-
ENSG00000259307	5.13E-15	-2.63127	1	1 PLCB2-AS1	-
ENSG00000259308	5.13E-15	-2.63127	1	1 RP11-382A20.1	K08754
ENSG00000259309	5.13E-15	-2.63127	1	1 RP11-19J5.2	-
ENSG00000259310	5.13E-15	-2.63127	1	1 RP11-152F13.8	-
ENSG00000259312	5.13E-15	-2.63127	1	1 RP11-522B15.5	-
ENSG00000259317	5.13E-15	-2.63127	1	1 RP11-561C5.7	K06063
ENSG00000259320	5.13E-15	-2.63127	1	1 RP11-183E24.2	-
ENSG00000259324	5.13E-15	-2.63127	1	1 OR11K1P	K04257
ENSG00000259325	5.13E-15	-2.63127	1	1 SPATA31E3P	-
ENSG00000259331	5.13E-15	-2.63127	1	1 RP11-57P19.1	-
ENSG00000259333	5.13E-15	-2.63127	1	1 RP11-630H24.4	-
ENSG00000259334	5.13E-15	-2.63127	1	1 LINC00596	-
ENSG00000259336	5.13E-15	-2.63127	1	1 RP11-323I15.5	-
ENSG00000259337	5.13E-15	-2.63127	1	1 IGHV1OR15-2	K06856
ENSG00000259338	5.13E-15	-2.63127	1	1 CTD-2651B20.2	K11253
ENSG00000259339	5.13E-15	-2.63127	1	1 TGIF1P1	K19383
ENSG00000259340	5.13E-15	-2.63127	1	1 CTD-2027G2.1	K02219
ENSG00000259342	5.13E-15	-2.63127	1	1 RP11-519G16.5	-
ENSG00000259344	5.13E-15	-2.63127	1	1 RP11-566K19.6	K10595
ENSG00000259346	5.13E-15	-2.63127	1	1 RP11-349G13.2	K08818
ENSG00000259347	5.13E-15	-2.63127	1	1 RP11-798K3.2	-
ENSG00000259350	5.13E-15	-2.63127	1	1 RP11-63A23.2	K11299
ENSG00000259352	5.13E-15	-2.63127	1	1 RP11-109D20.2	-
ENSG00000259353	5.13E-15	-2.63127	1	1 RP11-30K9.5	-
ENSG00000259356	5.13E-15	-2.63127	1	1 RP11-90E5.1	-
ENSG00000259357	5.13E-15	-2.63127	1	1 RP11-316M1.12	-
ENSG00000259359	5.13E-15	-2.63127	1	1 RP11-327J17.2	-
ENSG00000259360	5.13E-15	-2.63127	1	1 RP11-142J21.1	-
ENSG00000259361	5.13E-15	-2.63127	1	1 LINC00927	-

ENSG00000259362	5.13E-15	-2.63127	1	1 RP11-307C19.1	—
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ENSG00000259365	5.13E-15	-2.63127	1	1 RP11-424I19.1	—
ENSG00000259367	5.13E-15	-2.63127	1	1 RP11-815J21.4	—
ENSG00000259368	5.13E-15	-2.63127	1	1 RP11-64K12.4	—
ENSG00000259369	5.13E-15	-2.63127	1	1 RP11-291H24.1	K02885
ENSG00000259370	5.13E-15	-2.63127	1	1 RP11-1069G10.1	—
ENSG00000259372	5.13E-15	-2.63127	1	1 CTD-2240J17.1	—
ENSG00000259374	5.13E-15	-2.63127	1	1 RP11-736N17.4	K03960
ENSG00000259375	5.13E-15	-2.63127	1	1 RP11-815J21.2	—
ENSG00000259376	5.13E-15	-2.63127	1	1 RP11-505E24.3	—
ENSG00000259377	5.13E-15	-2.63127	1	1 CTD-2308G16.1	—
ENSG00000259379	5.13E-15	-2.63127	1	1 RP11-925D8.5	—
ENSG00000259380	5.13E-15	-2.63127	1	1 RP11-346D14.1	—
ENSG00000259383	5.13E-15	-2.63127	1	1 RP11-403B2.6	—
ENSG00000259384	5.13E-15	-2.63127	1	1 GH1	K05438
ENSG00000259385	5.13E-15	-2.63127	1	1 RP11-605F22.1	—
ENSG00000259387	5.13E-15	-2.63127	1	1 ADAMTS7P2	K08622
ENSG00000259388	5.13E-15	-2.63127	1	1 CTD-2647E9.1	K16271
ENSG00000259389	5.13E-15	-2.63127	1	1 H3F3AP1	K11253
ENSG00000259390	5.13E-15	-2.63127	1	1 RP11-27M9.1	—
ENSG00000259392	5.13E-15	-2.63127	1	1 RP11-758N13.3	K10435
ENSG00000259393	5.13E-15	-2.63127	1	1 RP11-313H3.1	—
ENSG00000259394	5.13E-15	-2.63127	1	1 RP11-244F12.1	K09276
ENSG00000259395	5.13E-15	-2.63127	1	1 RP11-475A13.2	—
ENSG00000259396	5.13E-15	-2.63127	1	1 RP11-16O9.2	—
ENSG00000259397	5.13E-15	-2.63127	1	1 RP11-323I15.2	K12836
ENSG00000259398	5.13E-15	-2.63127	1	1 RP11-430B1.1	—
ENSG00000259400	5.13E-15	-2.63127	1	1 ELMO2P1	K18985
ENSG00000259401	5.13E-15	-2.63127	1	1 RP11-566K19.8	—
ENSG00000259403	5.13E-15	-2.63127	1	1 RP11-315L6.1	—
ENSG00000259404	5.13E-15	-2.63127	1	1 EFTUD1P1	K14536
ENSG00000259409	5.13E-15	-2.63127	1	1 RP11-521C20.3	—
ENSG00000259413	5.13E-15	-2.63127	1	1 RP11-5O23.1	—
ENSG00000259418	5.13E-15	-2.63127	1	1 RP11-109D20.1	—
ENSG00000259419	5.13E-15	-2.63127	1	1 HNRNPCP3	K12884
ENSG00000259420	5.13E-15	-2.63127	1	1 RP11-307C19.2	—
ENSG00000259421	5.13E-15	-2.63127	1	1 CTA-150C2.20	K18750
ENSG00000259423	5.13E-15	-2.63127	1	1 RP11-265N7.2	—
ENSG00000259425	5.13E-15	-2.63127	1	1 RP11-566K19.5	—
ENSG00000259427	5.13E-15	-2.63127	1	1 DPPA5P2	—
ENSG00000259428	5.13E-15	-2.63127	1	1 HMGB3P26	K11296
ENSG00000259430	5.13E-15	-2.63127	1	1 RP11-168G16.2	—
ENSG00000259432	5.13E-15	-2.63127	1	1 RP11-37C7.2	—
ENSG00000259433	5.13E-15	-2.63127	1	1 CTD-2651B20.4	—
ENSG00000259434	5.13E-15	-2.63127	1	1 RP11-720L8.1	—
ENSG00000259435	5.13E-15	-2.63127	1	1 OR4N3P	K04257
ENSG00000259436	5.13E-15	-2.63127	1	1 CTC-378H22.2	—
ENSG00000259437	5.13E-15	-2.63127	1	1 RP11-798K3.4	—
ENSG00000259439	5.13E-15	-2.63127	1	1 RP11-89K21.1	—
ENSG00000259440	5.13E-15	-2.63127	1	1 NPM1P43	K11276
ENSG00000259443	5.13E-15	-2.63127	1	1 RP11-403B2.5	—
ENSG00000259444	5.13E-15	-2.63127	1	1 RP11-736N17.8	—
ENSG00000259445	5.13E-15	-2.63127	1	1 RP11-276M12.1	—
ENSG00000259446	5.13E-15	-2.63127	1	1 RP11-489D6.2	—
ENSG00000259447	5.13E-15	-2.63127	1	1 RP11-462P6.1	—
ENSG00000259449	5.13E-15	-2.63127	1	1 NIFKP8	K14838
ENSG00000259452	5.13E-15	-2.63127	1	1 RP11-138H8.4	K02905

ENSG00000259454	5.13E-15	-2.63127	1	1 WBP1LP5	-
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ENSG00000259457	5.13E-15	-2.63127	1	1 RP11-279F6.2	-
ENSG00000259458	5.13E-15	-2.63127	1	1 RP11-625H11.1	-
ENSG00000259459	5.13E-15	-2.63127	1	1 RP11-321G12.1	-
ENSG00000259460	5.13E-15	-2.63127	1	1 RP11-128A17.1	-
ENSG00000259461	5.13E-15	-2.63127	1	1 ANP32BP3	K18647
ENSG00000259463	5.13E-15	-2.63127	1	1 RP11-540O11.7	-
ENSG00000259464	5.13E-15	-2.63127	1	1 RP11-14C10.1	K11095
ENSG00000259465	5.13E-15	-2.63127	1	1 AHCYP7	K01251
ENSG00000259466	5.13E-15	-2.63127	1	1 NPM1P47	K11276
ENSG00000259468	5.13E-15	-2.63127	1	1 RP11-1084A12.2	-
ENSG00000259470	5.13E-15	-2.63127	1	1 KRT8P9	K07605
ENSG00000259471	5.13E-15	-2.63127	1	1 RP11-321F6.1	K09228
ENSG00000259475	5.13E-15	-2.63127	1	1 RP11-654A16.3	-
ENSG00000259476	5.13E-15	-2.63127	1	1 RP11-50C13.2	-
ENSG00000259477	5.13E-15	-2.63127	1	1 RP11-86K22.1	-
ENSG00000259478	5.13E-15	-2.63127	1	1 RP11-753A21.1	-
ENSG00000259481	5.13E-15	-2.63127	1	1 RP11-39M21.1	-
ENSG00000259482	5.13E-15	-2.63127	1	1 RP11-219B17.2	-
ENSG00000259483	5.13E-15	-2.63127	1	1 RP11-930O11.2	-
ENSG00000259489	5.13E-15	-2.63127	1	1 KRT18P47	K07604
ENSG00000259490	5.13E-15	-2.63127	1	1 IGHV3OR15-7	K06856
ENSG00000259493	5.13E-15	-2.63127	1	1 RP11-621H8.2	K04683
ENSG00000259495	5.13E-15	-2.63127	1	1 RP11-210M15.2	-
ENSG00000259496	5.13E-15	-2.63127	1	1 RP11-19J5.1	K13136
ENSG00000259499	5.13E-15	-2.63127	1	1 RP11-616K22.2	-
ENSG00000259500	5.13E-15	-2.63127	1	1 KRT8P24	K07605
ENSG00000259502	5.13E-15	-2.63127	1	1 RP11-643G16.3	K18051
ENSG00000259503	5.13E-15	-2.63127	1	1 RP11-543G18.1	-
ENSG00000259505	5.13E-15	-2.63127	1	1 RP11-74D7.1	-
ENSG00000259507	5.13E-15	-2.63127	1	1 RP11-719C20.1	K17578
ENSG00000259508	5.13E-15	-2.63127	1	1 RP11-661D19.3	-
ENSG00000259509	5.13E-15	-2.63127	1	1 RP11-627D16.2	-
ENSG00000259511	5.13E-15	-2.63127	1	1 UBE2Q2L	K10582
ENSG00000259512	5.13E-15	-2.63127	1	1 HNRNPA1P5	K12741
ENSG00000259513	5.13E-15	-2.63127	1	1 CYCSP38	K08738
ENSG00000259517	5.13E-15	-2.63127	1	1 RP11-324D17.1	-
ENSG00000259518	5.13E-15	-2.63127	1	1 RP11-597K23.2	-
ENSG00000259519	5.13E-15	-2.63127	1	1 RP11-519G16.2	-
ENSG00000259520	5.13E-15	-2.63127	1	1 CTD-2651B20.3	-
ENSG00000259522	5.13E-15	-2.63127	1	1 RP11-468E2.2	K17085
ENSG00000259525	5.13E-15	-2.63127	1	1 GCSHP2	K02437
ENSG00000259528	5.13E-15	-2.63127	1	1 RP11-272D12.2	-
ENSG00000259530	5.13E-15	-2.63127	1	1 RP11-259A24.1	-
ENSG00000259533	5.13E-15	-2.63127	1	1 RP11-630H24.3	-
ENSG00000259534	5.13E-15	-2.63127	1	1 RP11-522B15.7	-
ENSG00000259535	5.13E-15	-2.63127	1	1 RPL21P12	K02889
ENSG00000259538	5.13E-15	-2.63127	1	1 UBE2Q2P11	K10582
ENSG00000259539	5.13E-15	-2.63127	1	1 CTD-2651B20.1	-
ENSG00000259540	5.13E-15	-2.63127	1	1 RP11-526I2.1	-
ENSG00000259541	5.13E-15	-2.63127	1	1 RP11-778O17.4	-
ENSG00000259542	5.13E-15	-2.63127	1	1 RP11-522B15.4	-
ENSG00000259543	5.13E-15	-2.63127	1	1 CTD-2034I4.1	-
ENSG00000259544	5.13E-15	-2.63127	1	1 RP11-158M2.2	-
ENSG00000259545	5.13E-15	-2.63127	1	1 RP11-325E5.4	K02877
ENSG00000259546	5.13E-15	-2.63127	1	1 RP11-351M8.2	-
ENSG00000259547	5.13E-15	-2.63127	1	1 CYCSP2	K08738

ENSG00000259548	5.13E-15	-2.63127	1	1 RP11-38G5.2	-
ENSG00000259549	5.13E-15	-2.63127	1	1 RP11-115K3.1	-
ENSG00000259550	5.13E-15	-2.63127	1	1 HNRNPA1P74	K12741
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ENSG00000259553	5.13E-15	-2.63127	1	1 MIR1302-11	-
ENSG00000259554	5.13E-15	-2.63127	1	1 RP11-408J6.1	-
ENSG00000259555	5.13E-15	-2.63127	1	1 RP11-335K5.2	-
ENSG00000259557	5.13E-15	-2.63127	1	1 HMGN1P26	K11299
ENSG00000259558	5.13E-15	-2.63127	1	1 MESTP2	-
ENSG00000259560	5.13E-15	-2.63127	1	1 RP11-648K4.2	-
ENSG00000259561	5.13E-15	-2.63127	1	1 RP11-300G22.2	-
ENSG00000259564	5.13E-15	-2.63127	1	1 RP11-16B9.1	-
ENSG00000259565	5.13E-15	-2.63127	1	1 KRT8P23	K07605
ENSG00000259567	5.13E-15	-2.63127	1	1 DNMI1P38	K01528
ENSG00000259569	5.13E-15	-2.63127	1	1 RP11-97O12.3	K09659
ENSG00000259572	5.13E-15	-2.63127	1	1 RP11-198M11.2	-
ENSG00000259575	5.13E-15	-2.63127	1	1 RP11-39M21.2	-
ENSG00000259579	5.13E-15	-2.63127	1	1 RP11-66B24.5	-
ENSG00000259580	5.13E-15	-2.63127	1	1 RP11-37C7.1	-
ENSG00000259585	5.13E-15	-2.63127	1	1 RP11-150L8.4	K12840
ENSG00000259586	5.13E-15	-2.63127	1	1 RP11-66B24.3	K12834
ENSG00000259587	5.13E-15	-2.63127	1	1 RP11-463I20.2	-
ENSG00000259588	5.13E-15	-2.63127	1	1 RP11-552E10.1	-
ENSG00000259589	5.13E-15	-2.63127	1	1 RP11-317G6.1	-
ENSG00000259590	5.13E-15	-2.63127	1	1 RP11-20G13.3	-
ENSG00000259591	5.13E-15	-2.63127	1	1 RP11-554D20.1	-
ENSG00000259592	5.13E-15	-2.63127	1	1 PRELID1P4	-
ENSG00000259593	5.13E-15	-2.63127	1	1 RP11-64O12.1	-
ENSG00000259594	5.13E-15	-2.63127	1	1 CTD-2034I4.2	-
ENSG00000259596	5.13E-15	-2.63127	1	1 RP11-566K19.3	-
ENSG00000259598	5.13E-15	-2.63127	1	1 RP11-275I4.1	-
ENSG00000259600	5.13E-15	-2.63127	1	1 RP11-925D8.3	K03881
ENSG00000259601	5.13E-15	-2.63127	1	1 RP11-568G20.2	K13179
ENSG00000259602	5.13E-15	-2.63127	1	1 RP11-138E16.1	-
ENSG00000259603	5.13E-15	-2.63127	1	1 CTD-2012M11.3	-
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ENSG00000259607	5.13E-15	-2.63127	1	1 CTD-2647L4.5	-
ENSG00000259608	5.13E-15	-2.63127	1	1 RP11-23A22.1	-
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ENSG00000259610	5.13E-15	-2.63127	1	1 RP11-499F3.1	-
ENSG00000259611	5.13E-15	-2.63127	1	1 CTD-2544M6.2	-
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ENSG00000259613	5.13E-15	-2.63127	1	1 RP13-608F4.6	K02602
ENSG00000259614	5.13E-15	-2.63127	1	1 RP11-522B15.6	K07374
ENSG00000259615	5.13E-15	-2.63127	1	1 RP11-429B14.3	-
ENSG00000259616	5.13E-15	-2.63127	1	1 RP11-507B12.2	-
ENSG00000259619	5.13E-15	-2.63127	1	1 RP11-390M11.1	K19678
ENSG00000259620	5.13E-15	-2.63127	1	1 RP11-133L19.1	-
ENSG00000259622	5.13E-15	-2.63127	1	1 RP11-597K23.1	K09579
ENSG00000259623	5.13E-15	-2.63127	1	1 RP11-156E6.1	-
ENSG00000259624	5.13E-15	-2.63127	1	1 RP11-138H8.3	-
ENSG00000259626	5.13E-15	-2.63127	1	1 RP11-925D8.2	-
ENSG00000259627	5.13E-15	-2.63127	1	1 RP11-244F12.2	-
ENSG00000259628	5.13E-15	-2.63127	1	1 RP11-467H10.2	-
ENSG00000259631	5.13E-15	-2.63127	1	1 RP11-557C18.4	-
ENSG00000259633	5.13E-15	-2.63127	1	1 UBE2Q2P8	K10582
ENSG00000259634	5.13E-15	-2.63127	1	1 RP11-529H20.5	-
ENSG00000259636	5.13E-15	-2.63127	1	1 RP11-133L19.2	-

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ENSG00000259639	5.13E-15	-2.63127	1	1 RP11-184D12.1	-
ENSG00000259640	5.13E-15	-2.63127	1	1 RP6-33F8.1	-
ENSG00000259641	5.13E-15	-2.63127	1	1 RP11-279F6.3	-
ENSG00000259644	5.13E-15	-2.63127	1	1 RP11-680F8.4	-
ENSG00000259646	5.13E-15	-2.63127	1	1 AC140725.7	-
ENSG00000259647	5.13E-15	-2.63127	1	1 RP11-143J24.1	-
ENSG00000259648	5.13E-15	-2.63127	1	1 RP11-643G16.4	K10802
ENSG00000259650	5.13E-15	-2.63127	1	1 RP11-272D12.1	-
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ENSG00000259654	5.13E-15	-2.63127	1	1 RP11-245C17.2	-
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ENSG00000259657	5.13E-15	-2.63127	1	1 PIGHP1	K03858
ENSG00000259658	5.13E-15	-2.63127	1	1 RP11-89K11.1	K10582
ENSG00000259660	5.13E-15	-2.63127	1	1 DNM1P47	K01528
ENSG00000259661	5.13E-15	-2.63127	1	1 AC068831.15	-
ENSG00000259663	5.13E-15	-2.63127	1	1 CTD-2314G24.2	-
ENSG00000259665	5.13E-15	-2.63127	1	1 RP11-323I15.3	K18079
ENSG00000259666	5.13E-15	-2.63127	1	1 RP11-307C19.3	-
ENSG00000259669	5.13E-15	-2.63127	1	1 RP11-643A5.2	-
ENSG00000259670	5.13E-15	-2.63127	1	1 RP11-485O10.2	-
ENSG00000259671	5.13E-15	-2.63127	1	1 RP11-925D8.6	K00412
ENSG00000259672	5.13E-15	-2.63127	1	1 RP11-69G7.1	-
ENSG00000259674	5.13E-15	-2.63127	1	1 RP11-356M20.1	K02936
ENSG00000259675	5.13E-15	-2.63127	1	1 RP11-507B12.1	-
ENSG00000259676	5.13E-15	-2.63127	1	1 RP11-343B18.2	-
ENSG00000259677	5.13E-15	-2.63127	1	1 RP11-493E3.1	-
ENSG00000259678	5.13E-15	-2.63127	1	1 RP11-707P17.1	-
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ENSG00000259681	5.13E-15	-2.63127	1	1 RP11-96O20.2	-
ENSG00000259682	5.13E-15	-2.63127	1	1 RP11-702L15.4	-
ENSG00000259683	5.13E-15	-2.63127	1	1 RP11-182J1.14	K10595
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ENSG00000259686	5.13E-15	-2.63127	1	1 HNRNPA1P71	K12741
ENSG00000259688	5.13E-15	-2.63127	1	1 RP11-139F4.2	K03878
ENSG00000259689	5.13E-15	-2.63127	1	1 ABCB10P1	K05657
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ENSG00000259691	5.13E-15	-2.63127	1	1 FKBP1AP2	-
ENSG00000259692	5.13E-15	-2.63127	1	1 RP11-499F3.2	-
ENSG00000259694	5.13E-15	-2.63127	1	1 RP13-262C2.3	-
ENSG00000259695	5.13E-15	-2.63127	1	1 RP11-14C10.2	K02880
ENSG00000259696	5.13E-15	-2.63127	1	1 RP11-126F18.2	K18327
ENSG00000259697	5.13E-15	-2.63127	1	1 RP11-299H22.1	-
ENSG00000259698	5.13E-15	-2.63127	1	1 KIAA0125P2	-
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ENSG00000259700	5.13E-15	-2.63127	1	1 RP11-485O10.3	-
ENSG00000259701	5.13E-15	-2.63127	1	1 RP11-108K3.3	-
ENSG00000259702	5.13E-15	-2.63127	1	1 RP11-236L14.1	-
ENSG00000259703	5.13E-15	-2.63127	1	1 LINC00593	-
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ENSG00000259707	5.13E-15	-2.63127	1	1 RP11-752G15.4	K12890
ENSG00000259708	5.13E-15	-2.63127	1	1 RP11-762H8.3	-
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ENSG00000259711	5.13E-15	-2.63127	1	1 CTD-3032H12.2	-
ENSG00000259713	5.13E-15	-2.63127	1	1 RP11-429B14.1	-
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ENSG00000259716	5.13E-15	-2.63127	1	1 RP5-977B1.11	-
ENSG00000259717	5.13E-15	-2.63127	1	1 LINC00677	-

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ENSG00000259721	5.13E-15	-2.63127	1	1 RP11-758N13.1	--
ENSG00000259722	5.13E-15	-2.63127	1	1 RP11-94P14.1	--
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ENSG00000259724	5.13E-15	-2.63127	1	1 CTD-2643K12.3	--
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ENSG00000259731	5.13E-15	-2.63127	1	1 RP11-326N17.1	--
ENSG00000259734	5.13E-15	-2.63127	1	1 RP11-182L7.1	--
ENSG00000259737	5.13E-15	-2.63127	1	1 RP11-475A13.1	--
ENSG00000259738	5.13E-15	-2.63127	1	1 ZNF444P1	K09230
ENSG00000259740	5.13E-15	-2.63127	1	1 RP11-142J21.2	--
ENSG00000259742	5.13E-15	-2.63127	1	1 CTD-2014N11.1	K04613
ENSG00000259743	5.13E-15	-2.63127	1	1 RP11-315O8.1	--
ENSG00000259744	5.13E-15	-2.63127	1	1 RP11-138H8.6	--
ENSG00000259745	5.13E-15	-2.63127	1	1 RP11-809H16.3	K05681
ENSG00000259747	5.13E-15	-2.63127	1	1 RP11-275I4.2	--
ENSG00000259749	5.13E-15	-2.63127	1	1 CTD-2022H16.2	K06678
ENSG00000259750	5.13E-15	-2.63127	1	1 RP11-356M20.2	K14842
ENSG00000259751	5.13E-15	-2.63127	1	1 RP11-83J16.3	K07374
ENSG00000259752	5.13E-15	-2.63127	1	1 FKSG62	--
ENSG00000259753	5.13E-15	-2.63127	1	1 ITGB3	K06493
ENSG00000259755	5.13E-15	-2.63127	1	1 RP11-505E24.2	--
ENSG00000259756	5.13E-15	-2.63127	1	1 RP11-625H11.2	--
ENSG00000259759	5.13E-15	-2.63127	1	1 RP11-324D17.2	--
ENSG00000259760	5.13E-15	-2.63127	1	1 RP11-20G13.2	--
ENSG00000259761	5.13E-15	-2.63127	1	1 RP11-138H10.2	--
ENSG00000259763	5.13E-15	-2.63127	1	1 RP11-327J17.1	--
ENSG00000259764	5.13E-15	-2.63127	1	1 RP11-299G20.3	--
ENSG00000259769	5.13E-15	-2.63127	1	1 RP11-1360M22.2	--
ENSG00000259770	5.13E-15	-2.63127	1	1 RP11-81A1.3	K00787
ENSG00000259773	5.13E-15	-2.63127	1	1 RP11-507J18.2	--
ENSG00000259774	5.13E-15	-2.63127	1	1 RP11-182J1.13	--
ENSG00000259776	5.13E-15	-2.63127	1	1 RP11-544D21.2	--
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ENSG00000259782	5.13E-15	-2.63127	1	1 CTD-2270L9.2	--
ENSG00000259783	5.13E-15	-2.63127	1	1 RP11-1006G14.2	--
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ENSG00000259785	5.13E-15	-2.63127	1	1 ADAMTS7P1	K08622
ENSG00000259786	5.13E-15	-2.63127	1	1 CTD-2118P12.1	--
ENSG00000259788	5.13E-15	-2.63127	1	1 RP11-359K18.3	--
ENSG00000259789	5.13E-15	-2.63127	1	1 RP11-1078H9.6	--
ENSG00000259791	5.13E-15	-2.63127	1	1 RP11-14K3.7	--
ENSG00000259792	5.13E-15	-2.63127	1	1 RP11-114H24.6	--
ENSG00000259793	5.13E-15	-2.63127	1	1 RP11-400N9.1	--
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ENSG00000259799	5.13E-15	-2.63127	1	1 RP11-554A11.9	--
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ENSG00000259805	5.13E-15	-2.63127	1	1 RP11-382A20.5	--
ENSG00000259807	5.13E-15	-2.63127	1	1 RP11-426C22.4	--
ENSG00000259810	5.13E-15	-2.63127	1	1 AC002519.8	--
ENSG00000259813	5.13E-15	-2.63127	1	1 RP5-1142A6.5	--
ENSG00000259814	5.13E-15	-2.63127	1	1 RP11-300A12.2	--
ENSG00000259815	5.13E-15	-2.63127	1	1 RP11-565N2.2	--
ENSG00000259817	5.13E-15	-2.63127	1	1 RP11-53L24.1	--
ENSG00000259818	5.13E-15	-2.63127	1	1 RP5-1024G6.7	--
ENSG00000259819	5.13E-15	-2.63127	1	1 RP11-568A19.1	--
ENSG00000259821	5.13E-15	-2.63127	1	1 RP11-169E6.4	--

ENSG00000259822	5.13E-15	-2.63127	1	1 RP11-1292F20.1	K14958
ENSG00000259827	5.13E-15	-2.63127	1	1 RP11-343H19.2	--
ENSG00000259828	5.13E-15	-2.63127	1	1 RP11-63E9.1	--
ENSG00000259831	5.13E-15	-2.63127	1	1 LINC00567	--
ENSG00000259832	5.13E-15	-2.63127	1	1 CYP4A26P	K17687
ENSG00000259833	5.13E-15	-2.63127	1	1 RP11-23E19.1	--
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ENSG00000259836	5.13E-15	-2.63127	1	1 RP11-80F22.5	--
ENSG00000259837	5.13E-15	-2.63127	1	1 RP11-672L10.1	--
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ENSG00000259843	5.13E-15	-2.63127	1	1 RP11-429P3.3	--
ENSG00000259844	5.13E-15	-2.63127	1	1 GNPATP	K00649
ENSG00000259846	5.13E-15	-2.63127	1	1 RP11-467L24.1	--
ENSG00000259847	5.13E-15	-2.63127	1	1 RP11-95H3.1	--
ENSG00000259848	5.13E-15	-2.63127	1	1 AC097374.2	K18631
ENSG00000259849	5.13E-15	-2.63127	1	1 VENTXP1	--
ENSG00000259852	5.13E-15	-2.63127	1	1 IGHV1OR16-2	--
ENSG00000259854	5.13E-15	-2.63127	1	1 RP11-211G23.1	--
ENSG00000259855	5.13E-15	-2.63127	1	1 RP11-574O16.1	--
ENSG00000259859	5.13E-15	-2.63127	1	1 RP11-439I14.2	--
ENSG00000259861	5.13E-15	-2.63127	1	1 CTC-471C19.2	--
ENSG00000259862	5.13E-15	-2.63127	1	1 RP11-143E21.6	--
ENSG00000259864	5.13E-15	-2.63127	1	1 RP11-370P15.1	--
ENSG00000259866	5.13E-15	-2.63127	1	1 RP11-177N22.2	--
ENSG00000259868	5.13E-15	-2.63127	1	1 RP11-1012E15.1	--
ENSG00000259869	5.13E-15	-2.63127	1	1 AL022344.7	--
ENSG00000259870	5.13E-15	-2.63127	1	1 RP11-753A21.2	--
ENSG00000259873	5.13E-15	-2.63127	1	1 RP11-481E4.1	K02889
ENSG00000259874	5.13E-15	-2.63127	1	1 RP11-170L3.2	--
ENSG00000259878	5.13E-15	-2.63127	1	1 RP11-1O10.1	--
ENSG00000259886	5.13E-15	-2.63127	1	1 U82695.10	--
ENSG00000259887	5.13E-15	-2.63127	1	1 RP11-923I11.5	--
ENSG00000259888	5.13E-15	-2.63127	1	1 CTD-2540M10.1	--
ENSG00000259889	5.13E-15	-2.63127	1	1 RP11-315F22.1	--
ENSG00000259890	5.13E-15	-2.63127	1	1 DNMI1P50	K01528
ENSG00000259892	5.13E-15	-2.63127	1	1 RP11-1H8.4	K04531
ENSG00000259897	5.13E-15	-2.63127	1	1 RP11-244B22.3	--
ENSG00000259898	5.13E-15	-2.63127	1	1 CYP4F33P	--
ENSG00000259899	5.13E-15	-2.63127	1	1 CTD-3037G24.3	--
ENSG00000259900	5.13E-15	-2.63127	1	1 RP11-343C2.7	--
ENSG00000259904	5.13E-15	-2.63127	1	1 RP11-602M11.3	K05692
ENSG00000259905	5.13E-15	-2.63127	1	1 PWRN1	--
ENSG00000259906	5.13E-15	-2.63127	1	1 RP11-932O9.4	--
ENSG00000259907	5.13E-15	-2.63127	1	1 RP6-91H8.2	--
ENSG00000259909	5.13E-15	-2.63127	1	1 RP11-1006G14.3	--
ENSG00000259912	5.13E-15	-2.63127	1	1 CTC-527H23.2	--
ENSG00000259914	5.13E-15	-2.63127	1	1 RP11-298D21.2	--
ENSG00000259920	5.13E-15	-2.63127	1	1 RP11-2E11.5	--
ENSG00000259923	5.13E-15	-2.63127	1	1 RP11-249C24.11	--
ENSG00000259926	5.13E-15	-2.63127	1	1 RP11-44F14.5	--
ENSG00000259929	5.13E-15	-2.63127	1	1 CTA-481E9.4	--
ENSG00000259934	5.13E-15	-2.63127	1	1 RP11-989E6.1	K14958
ENSG00000259937	5.13E-15	-2.63127	1	1 RP11-438D14.2	--
ENSG00000259939	5.13E-15	-2.63127	1	1 RP11-77H9.5	--
ENSG00000259941	5.13E-15	-2.63127	1	1 RP11-48G14.2	--

ENSG00000259944	5.13E-15	-2.63127	1	1 CDRT7	--
ENSG00000259945	5.13E-15	-2.63127	1	1 CTD-2012K14.3	--
ENSG00000259946	5.13E-15	-2.63127	1	1 RP11-490G2.2	--
ENSG00000259947	5.13E-15	-2.63127	1	1 XX-DJ76P10_A.2	--
ENSG00000259948	5.13E-15	-2.63127	1	1 RP11-326A19.5	K06096
ENSG00000259950	5.13E-15	-2.63127	1	1 RP11-170L3.4	--
ENSG00000259952	5.13E-15	-2.63127	1	1 AC009133.15	--
ENSG00000259954	5.13E-15	-2.63127	1	1 IL21R-AS1	--
ENSG00000259955	5.13E-15	-2.63127	1	1 CTD-2547G23.2	--
ENSG00000259957	5.13E-15	-2.63127	1	1 RP11-491F9.8	--
ENSG00000259961	5.13E-15	-2.63127	1	1 RP4-597A16.2	--
ENSG00000259962	5.13E-15	-2.63127	1	1 RP11-44F14.4	--
ENSG00000259963	5.13E-15	-2.63127	1	1 RP11-185J20.2	--
ENSG00000259966	5.13E-15	-2.63127	1	1 RP11-652G5.1	--
ENSG00000259967	5.13E-15	-2.63127	1	1 RP11-2E17.2	--
ENSG00000259968	5.13E-15	-2.63127	1	1 RP11-428C6.2	--
ENSG00000259969	5.13E-15	-2.63127	1	1 RP11-999E24.3	--
ENSG00000259970	5.13E-15	-2.63127	1	1 AC099668.5	--
ENSG00000259971	5.13E-15	-2.63127	1	1 RP11-44L9.3	--
ENSG00000259974	5.13E-15	-2.63127	1	1 LINC00261	--
ENSG00000259977	5.13E-15	-2.63127	1	1 AL121578.2	--
ENSG00000259978	5.13E-15	-2.63127	1	1 MRPS21P8	--
ENSG00000259979	5.13E-15	-2.63127	1	1 VN1R68P	K04614
ENSG00000259981	5.13E-15	-2.63127	1	1 AF096876.1	--
ENSG00000259983	5.13E-15	-2.63127	1	1 RP11-169E6.3	--
ENSG00000259984	5.13E-15	-2.63127	1	1 RP11-335G20.7	--
ENSG00000259986	5.13E-15	-2.63127	1	1 RP11-382A20.4	--
ENSG00000259987	5.13E-15	-2.63127	1	1 CTD-2522B17.4	--
ENSG00000259989	5.13E-15	-2.63127	1	1 CTD-2555A7.1	--
ENSG00000259990	5.13E-15	-2.63127	1	1 RP11-598D12.1	--
ENSG00000259992	5.13E-15	-2.63127	1	1 RP11-77K12.8	--
ENSG00000259993	5.13E-15	-2.63127	1	1 RP11-261B23.1	K04955
ENSG00000259995	5.13E-15	-2.63127	1	1 CTD-2336H13.2	--
ENSG00000259996	5.13E-15	-2.63127	1	1 RARRES2P8	K10044
ENSG00000259997	5.13E-15	-2.63127	1	1 IGHV1OR16-4	--
ENSG00000259998	5.13E-15	-2.63127	1	1 RP11-753D20.4	--
ENSG00000259999	5.13E-15	-2.63127	1	1 RP11-252K23.1	--
ENSG00000260003	5.13E-15	-2.63127	1	1 RP11-279O17.2	--
ENSG00000260004	5.13E-15	-2.63127	1	1 RP11-351A20.2	--
ENSG00000260009	5.13E-15	-2.63127	1	1 RP11-65J21.1	--
ENSG00000260010	5.13E-15	-2.63127	1	1 ZNF720P1	K09228
ENSG00000260014	5.13E-15	-2.63127	1	1 LSM3P5	K12622
ENSG00000260015	5.13E-15	-2.63127	1	1 RP11-510M2.5	--
ENSG00000260019	5.13E-15	-2.63127	1	1 RP11-218F4.1	--
ENSG00000260021	5.13E-15	-2.63127	1	1 RP11-480I12.10	--
ENSG00000260024	5.13E-15	-2.63127	1	1 MRPS21P7	--
ENSG00000260026	5.13E-15	-2.63127	1	1 CTD-2015G9.1	--
ENSG00000260029	5.13E-15	-2.63127	1	1 RP11-401P9.1	--
ENSG00000260030	5.13E-15	-2.63127	1	1 RP11-686F15.2	--
ENSG00000260031	5.13E-15	-2.63127	1	1 RPL10P14	K02866
ENSG00000260033	5.13E-15	-2.63127	1	1 CTC-527H23.1	K02896
ENSG00000260041	5.13E-15	-2.63127	1	1 RP11-355E10.1	--
ENSG00000260042	5.13E-15	-2.63127	1	1 CTD-2034I21.1	--
ENSG00000260048	5.13E-15	-2.63127	1	1 IGHV1OR16-3	--
ENSG00000260049	5.13E-15	-2.63127	1	1 RP3-404K8.2	--
ENSG00000260052	5.13E-15	-2.63127	1	1 CTC-527H23.3	--
ENSG00000260053	5.13E-15	-2.63127	1	1 ABCB10P4	K05657
ENSG00000260057	5.13E-15	-2.63127	1	1 RP11-7O14.1	--

ENSG00000260058	5.13E-15	-2.63127	1	1 RP11-279O17.3	--
ENSG00000260059	5.13E-15	-2.63127	1	1 RP11-231E19.1	--
ENSG00000260062	5.13E-15	-2.63127	1	1 RP11-299H22.5	--
ENSG00000260064	5.13E-15	-2.63127	1	1 RP11-18F14.4	--
ENSG00000260066	5.13E-15	-2.63127	1	1 CTD-2587M23.1	--
ENSG00000260067	5.13E-15	-2.63127	1	1 RP11-98C8.1	--
ENSG00000260068	5.13E-15	-2.63127	1	1 RP11-439I14.3	--
ENSG00000260070	5.13E-15	-2.63127	1	1 RP11-182J23.1	--
ENSG00000260071	5.13E-15	-2.63127	1	1 RP11-418I22.2	--
ENSG00000260072	5.13E-15	-2.63127	1	1 CTD-2313J23.1	--
ENSG00000260073	5.13E-15	-2.63127	1	1 RP11-488I20.9	--
ENSG00000260078	5.13E-15	-2.63127	1	1 RP11-44F14.1	K14559
ENSG00000260084	5.13E-15	-2.63127	1	1 RP11-615I2.1	--
ENSG00000260087	5.13E-15	-2.63127	1	1 PCMTD1P2	--
ENSG00000260089	5.13E-15	-2.63127	1	1 ADAM3B	--
ENSG00000260090	5.13E-15	-2.63127	1	1 RP11-292D4.3	--
ENSG00000260092	5.13E-15	-2.63127	1	1 RP11-77K12.7	K09670
ENSG00000260093	5.13E-15	-2.63127	1	1 RP11-1E4.1	--
ENSG00000260094	5.13E-15	-2.63127	1	1 LINC00564	--
ENSG00000260096	5.13E-15	-2.63127	1	1 DNM1P33	K01528
ENSG00000260102	5.13E-15	-2.63127	1	1 LINC01070	--
ENSG00000260104	5.13E-15	-2.63127	1	1 RP11-817O13.1	K11644
ENSG00000260107	5.13E-15	-2.63127	1	1 AC005606.15	--
ENSG00000260108	5.13E-15	-2.63127	1	1 RP11-140H17.1	--
ENSG00000260109	5.13E-15	-2.63127	1	1 RP11-883G10.1	K02977
ENSG00000260111	5.13E-15	-2.63127	1	1 RP11-529K1.4	--
ENSG00000260112	5.13E-15	-2.63127	1	1 CTC-543D15.1	K05692
ENSG00000260113	5.13E-15	-2.63127	1	1 RP11-146F11.2	K02932
ENSG00000260120	5.13E-15	-2.63127	1	1 RP11-177B4.2	--
ENSG00000260122	5.13E-15	-2.63127	1	1 RP11-923I11.3	--
ENSG00000260123	5.13E-15	-2.63127	1	1 RP11-326A19.4	--
ENSG00000260125	5.13E-15	-2.63127	1	1 AGBL1-AS1	--
ENSG00000260126	5.13E-15	-2.63127	1	1 RP11-14N9.2	--
ENSG00000260128	5.13E-15	-2.63127	1	1 ULK4P2	K17545
ENSG00000260131	5.13E-15	-2.63127	1	1 LINC00556	--
ENSG00000260132	5.13E-15	-2.63127	1	1 LA16c-312E8.2	--
ENSG00000260134	5.13E-15	-2.63127	1	1 RP11-14K3.2	--
ENSG00000260135	5.13E-15	-2.63127	1	1 RP11-212I21.2	--
ENSG00000260137	5.13E-15	-2.63127	1	1 RP11-258F22.2	--
ENSG00000260141	5.13E-15	-2.63127	1	1 RP11-19N8.4	--
ENSG00000260142	5.13E-15	-2.63127	1	1 RP11-764E7.1	--
ENSG00000260146	5.13E-15	-2.63127	1	1 CTD-2258A20.3	--
ENSG00000260147	5.13E-15	-2.63127	1	1 CTD-3032H12.3	--
ENSG00000260148	5.13E-15	-2.63127	1	1 RP11-407G23.1	--
ENSG00000260151	5.13E-15	-2.63127	1	1 RP11-748L13.6	--
ENSG00000260152	5.13E-15	-2.63127	1	1 RP11-69H7.4	--
ENSG00000260153	5.13E-15	-2.63127	1	1 RP11-80F22.7	--
ENSG00000260158	5.13E-15	-2.63127	1	1 RP11-67H24.2	--
ENSG00000260159	5.13E-15	-2.63127	1	1 RP11-483E23.4	--
ENSG00000260161	5.13E-15	-2.63127	1	1 CTD-2588J6.1	--
ENSG00000260162	5.13E-15	-2.63127	1	1 RP11-863P13.1	--
ENSG00000260163	5.13E-15	-2.63127	1	1 RP11-521O16.2	--
ENSG00000260165	5.13E-15	-2.63127	1	1 CTD-2323K18.3	K08789
ENSG00000260166	5.13E-15	-2.63127	1	1 RP11-863P13.6	--
ENSG00000260172	5.13E-15	-2.63127	1	1 RP11-358M11.3	--
ENSG00000260173	5.13E-15	-2.63127	1	1 RP11-2I17.4	--
ENSG00000260174	5.13E-15	-2.63127	1	1 CTD-2022H16.3	--
ENSG00000260182	5.13E-15	-2.63127	1	1 RP11-616M22.5	--

ENSG00000260183	5.13E-15	-2.63127	1	1 RP11-109P11.1	-
ENSG00000260184	5.13E-15	-2.63127	1	1 RP11-42I10.3	K03122
ENSG00000260186	5.13E-15	-2.63127	1	1 RP11-481J2.2	-
ENSG00000260187	5.13E-15	-2.63127	1	1 RP11-439I14.1	K03767
ENSG00000260188	5.13E-15	-2.63127	1	1 CTA-331P3.1	-
ENSG00000260192	5.13E-15	-2.63127	1	1 RP11-756H20.1	-
ENSG00000260194	5.13E-15	-2.63127	1	1 RP11-357N13.2	-
ENSG00000260197	5.13E-15	-2.63127	1	1 RP11-424G14.1	-
ENSG00000260201	5.13E-15	-2.63127	1	1 RP11-143N13.2	-
ENSG00000260202	5.13E-15	-2.63127	1	1 RP3-333B15.4	-
ENSG00000260205	5.13E-15	-2.63127	1	1 RP11-108B14.5	-
ENSG00000260206	5.13E-15	-2.63127	1	1 CTD-2026K11.2	-
ENSG00000260207	5.13E-15	-2.63127	1	1 CTD-2522B17.6	-
ENSG00000260209	5.13E-15	-2.63127	1	1 RP11-680F20.10	-
ENSG00000260211	5.13E-15	-2.63127	1	1 RP13-395E19.2	K04955
ENSG00000260212	5.13E-15	-2.63127	1	1 RP11-325O24.5	K04508
ENSG00000260217	5.13E-15	-2.63127	1	1 RP11-809F4.3	-
ENSG00000260218	5.13E-15	-2.63127	1	1 RP11-170L3.6	-
ENSG00000260223	5.13E-15	-2.63127	1	1 RP11-293N14.1	-
ENSG00000260224	5.13E-15	-2.63127	1	1 UBL5P4	-
ENSG00000260228	5.13E-15	-2.63127	1	1 RP11-483P21.2	-
ENSG00000260230	5.13E-15	-2.63127	1	1 FRRS1L	K17985
ENSG00000260232	5.13E-15	-2.63127	1	1 PWRN4	-
ENSG00000260234	5.13E-15	-2.63127	1	1 RP11-166N6.3	K08742
ENSG00000260235	5.13E-15	-2.63127	1	1 CTD-2026K11.3	-
ENSG00000260237	5.13E-15	-2.63127	1	1 RP11-148M9.1	-
ENSG00000260240	5.13E-15	-2.63127	1	1 RP11-105C20.2	K09654
ENSG00000260242	5.13E-15	-2.63127	1	1 CTA-481E9.3	-
ENSG00000260244	5.13E-15	-2.63127	1	1 RP11-588K22.2	-
ENSG00000260246	5.13E-15	-2.63127	1	1 AC000032.2	-
ENSG00000260247	5.13E-15	-2.63127	1	1 SUB1P4	-
ENSG00000260248	5.13E-15	-2.63127	1	1 RP11-143K11.1	-
ENSG00000260249	5.13E-15	-2.63127	1	1 RP11-401P9.5	-
ENSG00000260251	5.13E-15	-2.63127	1	1 RP11-46D6.4	-
ENSG00000260254	5.13E-15	-2.63127	1	1 AP000997.2	-
ENSG00000260255	5.13E-15	-2.63127	1	1 RP11-185O21.1	-
ENSG00000260256	5.13E-15	-2.63127	1	1 AP001063.1	-
ENSG00000260258	5.13E-15	-2.63127	1	1 RP11-467J12.2	-
ENSG00000260262	5.13E-15	-2.63127	1	1 RP11-440L14.3	-
ENSG00000260264	5.13E-15	-2.63127	1	1 AC004125.3	-
ENSG00000260265	5.13E-15	-2.63127	1	1 RP11-44F21.5	-
ENSG00000260268	5.13E-15	-2.63127	1	1 LINC00919	-
ENSG00000260271	5.13E-15	-2.63127	1	1 RP1-45N11.1	-
ENSG00000260275	5.13E-15	-2.63127	1	1 RP11-326A19.2	-
ENSG00000260278	5.13E-15	-2.63127	1	1 RP11-109G23.3	-
ENSG00000260280	5.13E-15	-2.63127	1	1 SLX1B-SULT1A4	-
ENSG00000260282	5.13E-15	-2.63127	1	1 EIF4EBP2P2	K18644
ENSG00000260288	5.13E-15	-2.63127	1	1 RP11-24M17.4	-
ENSG00000260289	5.13E-15	-2.63127	1	1 CTD-2535I10.1	-
ENSG00000260291	5.13E-15	-2.63127	1	1 RP11-488I20.2	-
ENSG00000260298	5.13E-15	-2.63127	1	1 RP11-429P3.4	K05692
ENSG00000260300	5.13E-15	-2.63127	1	1 RP11-505K9.4	-
ENSG00000260302	5.13E-15	-2.63127	1	1 RP11-973H7.1	-
ENSG00000260303	5.13E-15	-2.63127	1	1 RP11-203B7.2	-
ENSG00000260304	5.13E-15	-2.63127	1	1 RP11-388M20.6	-
ENSG00000260305	5.13E-15	-2.63127	1	1 NTRK3-AS1	-
ENSG00000260306	5.13E-15	-2.63127	1	1 RP11-645C24.5	-
ENSG00000260307	5.13E-15	-2.63127	1	1 PABPC1P13	K13126

ENSG00000260308	5.13E-15	-2.63127	1	1 RP11-104C4.4	K14958
ENSG00000260310	5.13E-15	-2.63127	1	1 RP11-27M24.2	--
ENSG00000260311	5.13E-15	-2.63127	1	1 RP11-586K12.10	--
ENSG00000260312	5.13E-15	-2.63127	1	1 RP11-812E19.7	--
ENSG00000260316	5.13E-15	-2.63127	1	1 LA16c-306A4.2	--
ENSG00000260322	5.13E-15	-2.63127	1	1 RP11-339A11.2	--
ENSG00000260326	5.13E-15	-2.63127	1	1 RP11-467J12.1	K17080
ENSG00000260327	5.13E-15	-2.63127	1	1 ACTR3BP3	K18584
ENSG00000260331	5.13E-15	-2.63127	1	1 RP11-111J6.2	--
ENSG00000260332	5.13E-15	-2.63127	1	1 RP11-50O21.1	--
ENSG00000260335	5.13E-15	-2.63127	1	1 RP11-345J4.6	K13882
ENSG00000260337	5.13E-15	-2.63127	1	1 RP11-386M24.6	--
ENSG00000260338	5.13E-15	-2.63127	1	1 RP11-124K4.1	--
ENSG00000260340	5.13E-15	-2.63127	1	1 RP11-254F19.3	--
ENSG00000260341	5.13E-15	-2.63127	1	1 RP11-80F22.6	--
ENSG00000260343	5.13E-15	-2.63127	1	1 LINC01043	--
ENSG00000260344	5.13E-15	-2.63127	1	1 RP11-56L13.6	K08111
ENSG00000260345	5.13E-15	-2.63127	1	1 AC009052.12	--
ENSG00000260351	5.13E-15	-2.63127	1	1 RP11-382A20.6	--
ENSG00000260357	5.13E-15	-2.63127	1	1 DNM1P34	K01528
ENSG00000260362	5.13E-15	-2.63127	1	1 RP11-297M9.1	--
ENSG00000260364	5.13E-15	-2.63127	1	1 RP11-256I9.3	--
ENSG00000260368	5.13E-15	-2.63127	1	1 RP11-521I2.3	--
ENSG00000260371	5.13E-15	-2.63127	1	1 RP11-343C2.9	--
ENSG00000260375	5.13E-15	-2.63127	1	1 RP11-299H22.4	--
ENSG00000260377	5.13E-15	-2.63127	1	1 RP11-646E18.4	--
ENSG00000260378	5.13E-15	-2.63127	1	1 CTD-2583P5.1	--
ENSG00000260379	5.13E-15	-2.63127	1	1 RP11-483K5.2	K02955
ENSG00000260385	5.13E-15	-2.63127	1	1 RP11-450H6.3	--
ENSG00000260387	5.13E-15	-2.63127	1	1 RP11-463O9.6	--
ENSG00000260389	5.13E-15	-2.63127	1	1 WBP11P1	K12866
ENSG00000260390	5.13E-15	-2.63127	1	1 RP11-575I8.1	--
ENSG00000260391	5.13E-15	-2.63127	1	1 RP11-71H17.7	--
ENSG00000260392	5.13E-15	-2.63127	1	1 RP11-1129I3.1	--
ENSG00000260393	5.13E-15	-2.63127	1	1 RP11-297L17.3	--
ENSG00000260395	5.13E-15	-2.63127	1	1 CTD-2649C14.1	--
ENSG00000260398	5.13E-15	-2.63127	1	1 RP11-594N15.3	--
ENSG00000260399	5.13E-15	-2.63127	1	1 RP11-529J17.5	K14559
ENSG00000260402	5.13E-15	-2.63127	1	1 RP11-56L13.1	--
ENSG00000260405	5.13E-15	-2.63127	1	1 CTD-2576D5.2	--
ENSG00000260406	5.13E-15	-2.63127	1	1 RP11-402F9.3	--
ENSG00000260409	5.13E-15	-2.63127	1	1 RP11-403B2.7	--
ENSG00000260410	5.13E-15	-2.63127	1	1 RP11-505K9.3	K06631
ENSG00000260411	5.13E-15	-2.63127	1	1 RP11-420N3.2	--
ENSG00000260412	5.13E-15	-2.63127	1	1 RP11-438B23.2	--
ENSG00000260413	5.13E-15	-2.63127	1	1 RP11-231C14.6	--
ENSG00000260414	5.13E-15	-2.63127	1	1 RP11-1437A8.2	K08111
ENSG00000260415	5.13E-15	-2.63127	1	1 AC068987.1	--
ENSG00000260416	5.13E-15	-2.63127	1	1 RP5-963E22.5	--
ENSG00000260419	5.13E-15	-2.63127	1	1 RP11-1437A8.3	--
ENSG00000260420	5.13E-15	-2.63127	1	1 LA16c-444G7.2	--
ENSG00000260422	5.13E-15	-2.63127	1	1 RP1-155D22.2	--
ENSG00000260426	5.13E-15	-2.63127	1	1 RP5-912I13.1	--
ENSG00000260427	5.13E-15	-2.63127	1	1 RP11-488I20.5	--
ENSG00000260431	5.13E-15	-2.63127	1	1 RP11-382N13.6	K03842
ENSG00000260432	5.13E-15	-2.63127	1	1 RP11-297M9.2	--
ENSG00000260433	5.13E-15	-2.63127	1	1 RP11-202D1.2	--
ENSG00000260436	5.13E-15	-2.63127	1	1 RP11-20I23.7	--

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ENSG00000260443	5.13E-15	-2.63127	1	1 CTD-3057O21.1	-
ENSG00000260444	5.13E-15	-2.63127	1	1 RP11-483E23.7	K04815
ENSG00000260445	5.13E-15	-2.63127	1	1 CTD-3244O18.5	K17691
ENSG00000260447	5.13E-15	-2.63127	1	1 RP11-304L19.2	-
ENSG00000260449	5.13E-15	-2.63127	1	1 RP11-244B22.14	-
ENSG00000260450	5.13E-15	-2.63127	1	1 RP11-523L20.1	-
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ENSG00000260455	5.13E-15	-2.63127	1	1 CASC14	-
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ENSG00000260468	5.13E-15	-2.63127	1	1 RP11-27M24.3	-
ENSG00000260469	5.13E-15	-2.63127	1	1 RP11-8P11.3	-
ENSG00000260471	5.13E-15	-2.63127	1	1 AC009120.8	K03767
ENSG00000260472	5.13E-15	-2.63127	1	1 CTD-2358C21.2	-
ENSG00000260473	5.13E-15	-2.63127	1	1 RP11-923I11.4	-
ENSG00000260476	5.13E-15	-2.63127	1	1 RP11-254F7.1	-
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ENSG00000260478	5.13E-15	-2.63127	1	1 RP11-142G1.1	-
ENSG00000260479	5.13E-15	-2.63127	1	1 RP11-556H2.3	-
ENSG00000260480	5.13E-15	-2.63127	1	1 RP11-488I20.4	-
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ENSG00000260484	5.13E-15	-2.63127	1	1 RP11-1081M5.2	-
ENSG00000260487	5.13E-15	-2.63127	1	1 RP11-297C4.3	-
ENSG00000260492	5.13E-15	-2.63127	1	1 RP11-686F15.3	-
ENSG00000260493	5.13E-15	-2.63127	1	1 RP11-219B4.7	-
ENSG00000260494	5.13E-15	-2.63127	1	1 AC002310.10	-
ENSG00000260497	5.13E-15	-2.63127	1	1 CTB-55P19.1	K05651
ENSG00000260504	5.13E-15	-2.63127	1	1 RP11-558A11.3	-
ENSG00000260505	5.13E-15	-2.63127	1	1 RP11-410C4.5	-
ENSG00000260506	5.13E-15	-2.63127	1	1 RP11-648F7.1	-
ENSG00000260507	5.13E-15	-2.63127	1	1 RP11-356C4.3	-
ENSG00000260510	5.13E-15	-2.63127	1	1 AC004381.7	-
ENSG00000260511	5.13E-15	-2.63127	1	1 RP11-556H2.2	-
ENSG00000260514	5.13E-15	-2.63127	1	1 RP11-368N21.1	K02947
ENSG00000260516	5.13E-15	-2.63127	1	1 RP11-17M15.4	K06641
ENSG00000260517	5.13E-15	-2.63127	1	1 RP11-426C22.5	-
ENSG00000260518	5.13E-15	-2.63127	1	1 BMS1P8	K14569
ENSG00000260519	5.13E-15	-2.63127	1	1 RP11-109E24.2	-
ENSG00000260520	5.13E-15	-2.63127	1	1 RP11-510M2.6	-
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ENSG00000260522	5.13E-15	-2.63127	1	1 RP11-352B15.5	K10592
ENSG00000260523	5.13E-15	-2.63127	1	1 RP11-483P21.3	-
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ENSG00000260530	5.13E-15	-2.63127	1	1 RP11-558A11.2	-
ENSG00000260532	5.13E-15	-2.63127	1	1 LA16c-381G6.1	-
ENSG00000260537	5.13E-15	-2.63127	1	1 RP11-529K1.3	K18655
ENSG00000260540	5.13E-15	-2.63127	1	1 FAM108A9P	-
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ENSG00000260548	5.13E-15	-2.63127	1	1 RP6-24A23.6	K17446
ENSG00000260549	5.13E-15	-2.63127	1	1 MT1L	K14739
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ENSG00000260558	5.13E-15	-2.63127	1	1 RP11-63M22.1	--
ENSG00000260564	5.13E-15	-2.63127	1	1 RP11-403N16.3	--
ENSG00000260566	5.13E-15	-2.63127	1	1 RP11-20G6.3	--
ENSG00000260568	5.13E-15	-2.63127	1	1 CTD-2358C21.3	--
ENSG00000260569	5.13E-15	-2.63127	1	1 RP11-669I1.1	--
ENSG00000260570	5.13E-15	-2.63127	1	1 RP11-24N18.1	--
ENSG00000260573	5.13E-15	-2.63127	1	1 RP11-21B23.3	--
ENSG00000260574	5.13E-15	-2.63127	1	1 RP11-801I18.1	--
ENSG00000260575	5.13E-15	-2.63127	1	1 RP11-56L13.7	--
ENSG00000260576	5.13E-15	-2.63127	1	1 RP11-390D11.2	K03263
ENSG00000260577	5.13E-15	-2.63127	1	1 RP11-615I2.2	--
ENSG00000260578	5.13E-15	-2.63127	1	1 CTD-2541J13.1	--
ENSG00000260579	5.13E-15	-2.63127	1	1 RP11-382A20.2	--
ENSG00000260580	5.13E-15	-2.63127	1	1 RP11-142A12.1	--
ENSG00000260582	5.13E-15	-2.63127	1	1 TPST2P1	K01021
ENSG00000260584	5.13E-15	-2.63127	1	1 RP11-1166P10.7	K14958
ENSG00000260585	5.13E-15	-2.63127	1	1 RP13-192B19.2	--
ENSG00000260586	5.13E-15	-2.63127	1	1 RP11-592N21.2	--
ENSG00000260590	5.13E-15	-2.63127	1	1 RP11-244B22.7	--
ENSG00000260593	5.13E-15	-2.63127	1	1 RP11-432I5.2	--
ENSG00000260594	5.13E-15	-2.63127	1	1 CTD-2055G21.1	--
ENSG00000260598	5.13E-15	-2.63127	1	1 RP11-80F22.13	--
ENSG00000260599	5.13E-15	-2.63127	1	1 CTC-457E21.1	--
ENSG00000260600	5.13E-15	-2.63127	1	1 RP11-109D24.1	--
ENSG00000260601	5.13E-15	-2.63127	1	1 RP11-552C15.1	--
ENSG00000260603	5.13E-15	-2.63127	1	1 GS1-21A4.1	--
ENSG00000260605	5.13E-15	-2.63127	1	1 RP11-883G14.3	--
ENSG00000260610	5.13E-15	-2.63127	1	1 RP11-989E6.11	--
ENSG00000260611	5.13E-15	-2.63127	1	1 RP11-352B15.2	--
ENSG00000260612	5.13E-15	-2.63127	1	1 RP11-432I5.4	--
ENSG00000260614	5.13E-15	-2.63127	1	1 RP11-491F9.1	--
ENSG00000260616	5.13E-15	-2.63127	1	1 RP11-327F22.4	--
ENSG00000260617	5.13E-15	-2.63127	1	1 RP5-1142A6.7	--
ENSG00000260618	5.13E-15	-2.63127	1	1 RP11-23N2.4	--
ENSG00000260620	5.13E-15	-2.63127	1	1 RP11-883G14.4	--
ENSG00000260621	5.13E-15	-2.63127	1	1 RP11-413H22.2	--
ENSG00000260622	5.13E-15	-2.63127	1	1 RP11-690I21.3	--
ENSG00000260624	5.13E-15	-2.63127	1	1 RP11-24D15.1	--
ENSG00000260626	5.13E-15	-2.63127	1	1 RP11-23E10.3	--
ENSG00000260628	5.13E-15	-2.63127	1	1 RP11-1166P10.1	--
ENSG00000260629	5.13E-15	-2.63127	1	1 CTD-2643I7.1	--
ENSG00000260634	5.13E-15	-2.63127	1	1 RP11-521O16.1	--
ENSG00000260637	5.13E-15	-2.63127	1	1 RP11-46C24.5	--
ENSG00000260639	5.13E-15	-2.63127	1	1 RP11-602M11.4	--
ENSG00000260640	5.13E-15	-2.63127	1	1 KB-1000E4.2	--
ENSG00000260641	5.13E-15	-2.63127	1	1 RP11-1299A16.3	--
ENSG00000260642	5.13E-15	-2.63127	1	1 RP11-717I24.1	--
ENSG00000260649	5.13E-15	-2.63127	1	1 RP11-56L13.4	K18172
ENSG00000260650	5.13E-15	-2.63127	1	1 RP11-403P17.2	--
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ENSG00000260659	5.13E-15	-2.63127	1	1 RP11-46C24.6	--
ENSG00000260661	5.13E-15	-2.63127	1	1 RP11-152L20.3	--
ENSG00000260662	5.13E-15	-2.63127	1	1 RP11-626K17.2	--
ENSG00000260664	5.13E-15	-2.63127	1	1 AC004158.3	--
ENSG00000260668	5.13E-15	-2.63127	1	1 RP11-744D14.1	--
ENSG00000260670	5.13E-15	-2.63127	1	1 RP11-447M4.1	--

ENSG00000260672	5.13E-15	-2.63127	1	1 RP11-1006G14.1	--
ENSG00000260673	5.13E-15	-2.63127	1	1 RP4-529N6.2	--
ENSG00000260674	5.13E-15	-2.63127	1	1 RP11-591L14.2	--
ENSG00000260675	5.13E-15	-2.63127	1	1 CTD-2576D5.3	--
ENSG00000260676	5.13E-15	-2.63127	1	1 RP11-510D19.1	--
ENSG00000260677	5.13E-15	-2.63127	1	1 RP11-546O6.4	--
ENSG00000260678	5.13E-15	-2.63127	1	1 RP11-146F11.4	--
ENSG00000260680	5.13E-15	-2.63127	1	1 RP11-80F22.1	--
ENSG00000260683	5.13E-15	-2.63127	1	1 CTD-2076M15.1	--
ENSG00000260687	5.13E-15	-2.63127	1	1 RP11-44L9.2	--
ENSG00000260688	5.13E-15	-2.63127	1	1 RP11-44I10.5	--
ENSG00000260689	5.13E-15	-2.63127	1	1 HNRNPA3P11	K12741
ENSG00000260690	5.13E-15	-2.63127	1	1 CYCSP39	K08738
ENSG00000260693	5.13E-15	-2.63127	1	1 AC026150.8	--
ENSG00000260694	5.13E-15	-2.63127	1	1 RP11-556H2.4	--
ENSG00000260695	5.13E-15	-2.63127	1	1 RP11-513N24.1	--
ENSG00000260701	5.13E-15	-2.63127	1	1 RP11-449J10.1	--
ENSG00000260702	5.13E-15	-2.63127	1	1 LA16c-349E11.1	--
ENSG00000260704	5.13E-15	-2.63127	1	1 LINC00543	--
ENSG00000260706	5.13E-15	-2.63127	1	1 RP11-525K10.1	--
ENSG00000260714	5.13E-15	-2.63127	1	1 RP11-266L9.1	K11447
ENSG00000260715	5.13E-15	-2.63127	1	1 RP11-744D14.2	--
ENSG00000260719	5.13E-15	-2.63127	1	1 AC009133.17	--
ENSG00000260720	5.13E-15	-2.63127	1	1 RP11-271O3.1	--
ENSG00000260721	5.13E-15	-2.63127	1	1 AF067845.1	--
ENSG00000260722	5.13E-15	-2.63127	1	1 VN1R67P	--
ENSG00000260723	5.13E-15	-2.63127	1	1 RP11-165M1.2	--
ENSG00000260724	5.13E-15	-2.63127	1	1 VN1R69P	--
ENSG00000260725	5.13E-15	-2.63127	1	1 AC005307.1	--
ENSG00000260726	5.13E-15	-2.63127	1	1 KLF8P1	K09205
ENSG00000260731	5.13E-15	-2.63127	1	1 KRT8P22	K07605
ENSG00000260733	5.13E-15	-2.63127	1	1 RP11-264L1.4	--
ENSG00000260734	5.13E-15	-2.63127	1	1 RP11-510M2.4	--
ENSG00000260737	5.13E-15	-2.63127	1	1 RP11-18F14.1	--
ENSG00000260739	5.13E-15	-2.63127	1	1 RP11-2F9.4	--
ENSG00000260740	5.13E-15	-2.63127	1	1 AC026471.6	--
ENSG00000260741	5.13E-15	-2.63127	1	1 CTC-391G2.1	--
ENSG00000260744	5.13E-15	-2.63127	1	1 RP11-329J18.3	--
ENSG00000260746	5.13E-15	-2.63127	1	1 RP11-14K3.1	--
ENSG00000260755	5.13E-15	-2.63127	1	1 RP11-403P17.3	--
ENSG00000260756	5.13E-15	-2.63127	1	1 RP11-609N14.1	--
ENSG00000260758	5.13E-15	-2.63127	1	1 RP11-553E24.3	--
ENSG00000260759	5.13E-15	-2.63127	1	1 RP11-677O4.2	--
ENSG00000260760	5.13E-15	-2.63127	1	1 PWRN3	--
ENSG00000260761	5.13E-15	-2.63127	1	1 RP11-184E9.2	--
ENSG00000260762	5.13E-15	-2.63127	1	1 RP11-143N13.1	K01896
ENSG00000260763	5.13E-15	-2.63127	1	1 RP11-445O3.3	--
ENSG00000260764	5.13E-15	-2.63127	1	1 RNU7-63P	K02268
ENSG00000260769	5.13E-15	-2.63127	1	1 RP11-491F9.5	--
ENSG00000260771	5.13E-15	-2.63127	1	1 RP1-39J2.1	--
ENSG00000260772	5.13E-15	-2.63127	1	1 RP11-311C24.1	--
ENSG00000260779	5.13E-15	-2.63127	1	1 RP11-856M7.1	--
ENSG00000260780	5.13E-15	-2.63127	1	1 RP11-580I1.1	--
ENSG00000260784	5.13E-15	-2.63127	1	1 AC026150.6	--
ENSG00000260785	5.13E-15	-2.63127	1	1 CASC17	--
ENSG00000260786	5.13E-15	-2.63127	1	1 RP11-112L7.1	--
ENSG00000260788	5.13E-15	-2.63127	1	1 RP11-298D21.1	--
ENSG00000260790	5.13E-15	-2.63127	1	1 RP11-21M24.2	--

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ENSG00000260796	5.13E-15	-2.63127	1	1 RP11-1348G14.5	-
ENSG00000260797	5.13E-15	-2.63127	1	1 CTD-2336H13.1	K02537
ENSG00000260798	5.13E-15	-2.63127	1	1 RP11-354M1.2	-
ENSG00000260802	5.13E-15	-2.63127	1	1 LINC00890	-
ENSG00000260803	5.13E-15	-2.63127	1	1 Z84812.4	-
ENSG00000260807	5.13E-15	-2.63127	1	1 RP11-161M6.2	-
ENSG00000260810	5.13E-15	-2.63127	1	1 CTD-2547L24.4	-
ENSG00000260812	5.13E-15	-2.63127	1	1 RARRES2P7	K10044
ENSG00000260815	5.13E-15	-2.63127	1	1 RP11-24M17.3	K03767
ENSG00000260816	5.13E-15	-2.63127	1	1 RP11-319G9.3	-
ENSG00000260817	5.13E-15	-2.63127	1	1 RP11-382N13.4	K02974
ENSG00000260823	5.13E-15	-2.63127	1	1 RP11-249C24.10	-
ENSG00000260824	5.13E-15	-2.63127	1	1 CTD-2235H24.2	-
ENSG00000260827	5.13E-15	-2.63127	1	1 RP11-1437A8.4	-
ENSG00000260828	5.13E-15	-2.63127	1	1 HMGB3P32	K11296
ENSG00000260830	5.13E-15	-2.63127	1	1 RP11-524O1.4	-
ENSG00000260831	5.13E-15	-2.63127	1	1 GHc-362H12.3	-
ENSG00000260832	5.13E-15	-2.63127	1	1 CTD-3253I12.1	-
ENSG00000260834	5.13E-15	-2.63127	1	1 RP11-256I9.2	-
ENSG00000260835	5.13E-15	-2.63127	1	1 RP11-468I15.1	-
ENSG00000260836	5.13E-15	-2.63127	1	1 RP11-152F13.10	K02602
ENSG00000260838	5.13E-15	-2.63127	1	1 RP11-531A24.3	-
ENSG00000260840	5.13E-15	-2.63127	1	1 RP11-60H5.1	-
ENSG00000260844	5.13E-15	-2.63127	1	1 RP11-578F21.9	K04679
ENSG00000260845	5.13E-15	-2.63127	1	1 RP11-586K12.4	-
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ENSG00000260854	5.13E-15	-2.63127	1	1 CTD-2144E22.8	-
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ENSG00000260859	5.13E-15	-2.63127	1	1 RP11-254F19.2	-
ENSG00000260861	5.13E-15	-2.63127	1	1 RP4-576H24.4	K06551
ENSG00000260862	5.13E-15	-2.63127	1	1 RP11-22H5.2	-
ENSG00000260863	5.13E-15	-2.63127	1	1 CYP2C60P	K17719
ENSG00000260864	5.13E-15	-2.63127	1	1 FAM108A8P	-
ENSG00000260866	5.13E-15	-2.63127	1	1 RP11-626K17.5	-
ENSG00000260867	5.13E-15	-2.63127	1	1 RP11-459F6.1	-
ENSG00000260869	5.13E-15	-2.63127	1	1 AC002310.13	K09228
ENSG00000260876	5.13E-15	-2.63127	1	1 RP11-345M22.1	-
ENSG00000260878	5.13E-15	-2.63127	1	1 RP11-320H14.1	-
ENSG00000260882	5.13E-15	-2.63127	1	1 RP11-10K17.3	-
ENSG00000260883	5.13E-15	-2.63127	1	1 VN1R65P	K04614
ENSG00000260886	5.13E-15	-2.63127	1	1 RP11-432I5.1	-
ENSG00000260887	5.13E-15	-2.63127	1	1 RP11-142G1.2	-
ENSG00000260889	5.13E-15	-2.63127	1	1 CKBP1	K00933
ENSG00000260892	5.13E-15	-2.63127	1	1 CTD-2026K11.1	-
ENSG00000260894	5.13E-15	-2.63127	1	1 CTD-2012K14.4	-
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ENSG00000260898	5.13E-15	-2.63127	1	1 ADPGK-AS1	-
ENSG00000260899	5.13E-15	-2.63127	1	1 RP11-2C24.4	-
ENSG00000260900	5.13E-15	-2.63127	1	1 RP11-19N8.3	K14958
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ENSG00000260905	5.13E-15	-2.63127	1	1 RP11-105C19.1	-
ENSG00000260907	5.13E-15	-2.63127	1	1 AC008088.4	-
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ENSG00000260919	5.13E-15	-2.63127	1	1 CTD-3154N5.1	--
ENSG00000260921	5.13E-15	-2.63127	1	1 RP11-989E6.8	--
ENSG00000260922	5.13E-15	-2.63127	1	1 RP11-538I12.3	--
ENSG00000260926	5.13E-15	-2.63127	1	1 RP11-380D11.2	--
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ENSG00000260929	5.13E-15	-2.63127	1	1 RP11-327F22.1	--
ENSG00000260930	5.13E-15	-2.63127	1	1 RP11-214L13.1	--
ENSG00000260931	5.13E-15	-2.63127	1	1 RP11-65L3.1	--
ENSG00000260932	5.13E-15	-2.63127	1	1 RP11-483P21.6	--
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ENSG00000260954	5.13E-15	-2.63127	1	1 LA16c-425C2.1	--
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ENSG00000260958	5.13E-15	-2.63127	1	1 RP11-488I20.8	--
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ENSG00000260970	5.13E-15	-2.63127	1	1 RP11-295D22.1	--
ENSG00000260972	5.13E-15	-2.63127	1	1 RP1-58B11.1	--
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ENSG00000260974	5.13E-15	-2.63127	1	1 RP11-586K12.8	--
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ENSG00000260983	5.13E-15	-2.63127	1	1 RP11-150D5.2	--
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ENSG00000260986	5.13E-15	-2.63127	1	1 RP11-854K16.3	--
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ENSG00000260988	5.13E-15	-2.63127	1	1 RP11-285A1.1	--
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ENSG00000260991	5.13E-15	-2.63127	1	1 RP11-616M22.9	--
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ENSG00000261011	5.13E-15	-2.63127	1	1 RP11-96C23.11	K12491
ENSG00000261012	5.13E-15	-2.63127	1	1 RP11-116D2.1	--
ENSG00000261013	5.13E-15	-2.63127	1	1 CTD-2050B12.1	--
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ENSG00000261025	5.13E-15	-2.63127	1	1 RP11-84D1.2	-
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ENSG00000261030	5.13E-15	-2.63127	1	1 RP11-791M20.1	-
ENSG00000261033	5.13E-15	-2.63127	1	1 RP11-209D14.2	-
ENSG00000261035	5.13E-15	-2.63127	1	1 RP11-151E14.1	-
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ENSG00000261039	5.13E-15	-2.63127	1	1 RP11-417E7.2	-
ENSG00000261041	5.13E-15	-2.63127	1	1 RP11-536P16.4	K14559
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ENSG00000261049	5.13E-15	-2.63127	1	1 RP11-357N13.1	-
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ENSG00000261054	5.13E-15	-2.63127	1	1 RP11-6O2.4	-
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ENSG00000261057	5.13E-15	-2.63127	1	1 LINC00555	-
ENSG00000261058	5.13E-15	-2.63127	1	1 RP11-252E2.2	-
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ENSG00000261063	5.13E-15	-2.63127	1	1 RP11-538I12.2	-
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ENSG00000261066	5.13E-15	-2.63127	1	1 RP11-483K5.3	-
ENSG00000261068	5.13E-15	-2.63127	1	1 RP11-7K24.3	-
ENSG00000261069	5.13E-15	-2.63127	1	1 SNORD116-20	-
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ENSG00000261075	5.13E-15	-2.63127	1	1 RP11-243A14.3	-
ENSG00000261076	5.13E-15	-2.63127	1	1 RP11-179B15.6	-
ENSG00000261077	5.13E-15	-2.63127	1	1 RP11-553E24.1	K02882
ENSG00000261078	5.13E-15	-2.63127	1	1 RP11-481J2.1	-
ENSG00000261080	5.13E-15	-2.63127	1	1 RP1-166H4.2	-
ENSG00000261081	5.13E-15	-2.63127	1	1 RP11-1H8.1	K04531
ENSG00000261082	5.13E-15	-2.63127	1	1 RP11-345M22.3	-
ENSG00000261083	5.13E-15	-2.63127	1	1 RP11-93I21.3	-
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ENSG00000261086	5.13E-15	-2.63127	1	1 RP11-379H8.1	-
ENSG00000261090	5.13E-15	-2.63127	1	1 RP11-20G6.2	-
ENSG00000261093	5.13E-15	-2.63127	1	1 CTD-3126B10.1	-
ENSG00000261095	5.13E-15	-2.63127	1	1 RP11-899L11.1	-
ENSG00000261097	5.13E-15	-2.63127	1	1 LINC00563	-
ENSG00000261101	5.13E-15	-2.63127	1	1 RP4-545K15.5	-
ENSG00000261102	5.13E-15	-2.63127	1	1 ATP5J2P6	K02130
ENSG00000261103	5.13E-15	-2.63127	1	1 RP11-298D21.3	-
ENSG00000261104	5.13E-15	-2.63127	1	1 RP11-734K21.5	-
ENSG00000261108	5.13E-15	-2.63127	1	1 RP11-586K12.5	K18172
ENSG00000261111	5.13E-15	-2.63127	1	1 RP11-96K14.1	K01008
ENSG00000261117	5.13E-15	-2.63127	1	1 RP11-333O1.1	-
ENSG00000261120	5.13E-15	-2.63127	1	1 RP11-62H20.1	-
ENSG00000261121	5.13E-15	-2.63127	1	1 RP11-496D24.2	-
ENSG00000261127	5.13E-15	-2.63127	1	1 RP11-17M15.2	K11583
ENSG00000261129	5.13E-15	-2.63127	1	1 RP11-361D14.2	-
ENSG00000261130	5.13E-15	-2.63127	1	1 RP11-1021N1.1	K13349
ENSG00000261135	5.13E-15	-2.63127	1	1 RP4-798A10.7	-

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ENSG00000261145	5.13E-15	-2.63127	1	1 RP11-296I10.5	K01047
ENSG00000261146	5.13E-15	-2.63127	1	1 RP11-2A4.4	-
ENSG00000261151	5.13E-15	-2.63127	1	1 RP11-332G1.1	K10904
ENSG00000261153	5.13E-15	-2.63127	1	1 RP11-104C4.2	-
ENSG00000261154	5.13E-15	-2.63127	1	1 RP11-571O6.1	-
ENSG00000261158	5.13E-15	-2.63127	1	1 CTD-2583P5.3	-
ENSG00000261161	5.13E-15	-2.63127	1	1 RP11-58A18.1	-
ENSG00000261166	5.13E-15	-2.63127	1	1 RP11-775H9.3	-
ENSG00000261170	5.13E-15	-2.63127	1	1 RP11-252A24.5	-
ENSG00000261171	5.13E-15	-2.63127	1	1 RP11-1136G4.1	-
ENSG00000261174	5.13E-15	-2.63127	1	1 RP11-844G16.1	K10802
ENSG00000261175	5.13E-15	-2.63127	1	1 CTD-2015G9.2	-
ENSG00000261176	5.13E-15	-2.63127	1	1 RP11-2L4.1	-
ENSG00000261177	5.13E-15	-2.63127	1	1 RP11-805I24.1	-
ENSG00000261178	5.13E-15	-2.63127	1	1 RP11-90K18.1	-
ENSG00000261181	5.13E-15	-2.63127	1	1 RP11-467M13.2	K01047
ENSG00000261182	5.13E-15	-2.63127	1	1 RP11-201A3.1	-
ENSG00000261183	5.13E-15	-2.63127	1	1 RP11-532F12.5	-
ENSG00000261184	5.13E-15	-2.63127	1	1 RP11-196O2.1	-
ENSG00000261185	5.13E-15	-2.63127	1	1 RP11-317P15.5	-
ENSG00000261190	5.13E-15	-2.63127	1	1 C16orf97	-
ENSG00000261192	5.13E-15	-2.63127	1	1 RNF126P1	K11982
ENSG00000261193	5.13E-15	-2.63127	1	1 RP11-863P13.5	-
ENSG00000261194	5.13E-15	-2.63127	1	1 RP11-704C2.1	-
ENSG00000261195	5.13E-15	-2.63127	1	1 CTD-2380F24.1	-
ENSG00000261196	5.13E-15	-2.63127	1	1 CYP4A43P	-
ENSG00000261197	5.13E-15	-2.63127	1	1 RP11-598D12.2	K14958
ENSG00000261198	5.13E-15	-2.63127	1	1 RP11-26O3.1	-
ENSG00000261199	5.13E-15	-2.63127	1	1 UBE2FP2	K10687
ENSG00000261200	5.13E-15	-2.63127	1	1 RP11-989E6.10	-
ENSG00000261203	5.13E-15	-2.63127	1	1 RP11-347C12.8	K01047
ENSG00000261205	5.13E-15	-2.63127	1	1 NIFKP4	K14838
ENSG00000261206	5.13E-15	-2.63127	1	1 LINC00561	-
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ENSG00000261212	5.13E-15	-2.63127	1	1 RP3-507I15.2	-
ENSG00000261213	5.13E-15	-2.63127	1	1 RP11-510C10.4	-
ENSG00000261217	5.13E-15	-2.63127	1	1 RP11-598D12.3	K14009
ENSG00000261218	5.13E-15	-2.63127	1	1 RP11-960L18.1	-
ENSG00000261219	5.13E-15	-2.63127	1	1 RP11-344A16.2	-
ENSG00000261222	5.13E-15	-2.63127	1	1 CTD-2006K23.1	-
ENSG00000261231	5.13E-15	-2.63127	1	1 RP11-523L20.2	-
ENSG00000261232	5.13E-15	-2.63127	1	1 RP11-331H13.1	K11300
ENSG00000261233	5.13E-15	-2.63127	1	1 ABCD1P3	K05675
ENSG00000261234	5.13E-15	-2.63127	1	1 RP11-356O24.1	K02917
ENSG00000261235	5.13E-15	-2.63127	1	1 RP11-510J16.5	-
ENSG00000261238	5.13E-15	-2.63127	1	1 AC009166.5	-
ENSG00000261239	5.13E-15	-2.63127	1	1 ANKRD26P1	K17299
ENSG00000261241	5.13E-15	-2.63127	1	1 RP11-883G14.1	-
ENSG00000261244	5.13E-15	-2.63127	1	1 RP11-114H24.7	-
ENSG00000261245	5.13E-15	-2.63127	1	1 RP11-120K18.3	K06462
ENSG00000261247	5.13E-15	-2.63127	1	1 GOLGA8T	K10595
ENSG00000261248	5.13E-15	-2.63127	1	1 AC009120.10	-
ENSG00000261249	5.13E-15	-2.63127	1	1 RP11-19D2.2	-
ENSG00000261250	5.13E-15	-2.63127	1	1 RP11-545A16.1	-
ENSG00000261257	5.13E-15	-2.63127	1	1 RP11-673E11.2	-

ENSG00000261259	5.13E-15	-2.63127	1	1 RP11-19N8.2	-
ENSG00000261260	5.13E-15	-2.63127	1	1 CTD-2520I13.1	-
ENSG00000261261	5.13E-15	-2.63127	1	1 RP11-297L17.4	-
ENSG00000261263	5.13E-15	-2.63127	1	1 RP11-586K12.13	-
ENSG00000261265	5.13E-15	-2.63127	1	1 CTD-2515H24.4	-
ENSG00000261272	5.13E-15	-2.63127	1	1 MUC22	-
ENSG00000261273	5.13E-15	-2.63127	1	1 LA16c-444G7.1	-
ENSG00000261274	5.13E-15	-2.63127	1	1 RP11-244B22.5	-
ENSG00000261275	5.13E-15	-2.63127	1	1 RP11-760D2.11	-
ENSG00000261276	5.13E-15	-2.63127	1	1 RP11-554A11.5	-
ENSG00000261277	5.13E-15	-2.63127	1	1 OR4H6P	K04257
ENSG00000261278	5.13E-15	-2.63127	1	1 RP11-430C1.2	K14565
ENSG00000261279	5.13E-15	-2.63127	1	1 ULK4P1	K17545
ENSG00000261280	5.13E-15	-2.63127	1	1 CTD-3105H18.13	-
ENSG00000261281	5.13E-15	-2.63127	1	1 RP11-361M10.4	K11098
ENSG00000261282	5.13E-15	-2.63127	1	1 SOD1P2	K04565
ENSG00000261284	5.13E-15	-2.63127	1	1 RBM22P13	K12872
ENSG00000261285	5.13E-15	-2.63127	1	1 RP11-481E4.2	-
ENSG00000261288	5.13E-15	-2.63127	1	1 RP11-20I23.11	-
ENSG00000261289	5.13E-15	-2.63127	1	1 RP11-170L3.5	-
ENSG00000261290	5.13E-15	-2.63127	1	1 CYP4A44P	-
ENSG00000261292	5.13E-15	-2.63127	1	1 RP11-389G6.3	-
ENSG00000261293	5.13E-15	-2.63127	1	1 RP11-276H1.2	-
ENSG00000261294	5.13E-15	-2.63127	1	1 RP11-616M22.3	-
ENSG00000261295	5.13E-15	-2.63127	1	1 RP11-524D16__A.3	-
ENSG00000261296	5.13E-15	-2.63127	1	1 RP11-299H22.6	-
ENSG00000261298	5.13E-15	-2.63127	1	1 RP11-309M7.1	-
ENSG00000261299	5.13E-15	-2.63127	1	1 RP11-80F22.11	-
ENSG00000261303	5.13E-15	-2.63127	1	1 RP11-160C18.2	-
ENSG00000261304	5.13E-15	-2.63127	1	1 CTD-2125J1.1	-
ENSG00000261307	5.13E-15	-2.63127	1	1 RP11-157P23.2	-
ENSG00000261308	5.13E-15	-2.63127	1	1 RP11-923I11.7	-
ENSG00000261310	5.13E-15	-2.63127	1	1 RP11-354I13.1	-
ENSG00000261313	5.13E-15	-2.63127	1	1 RP11-2C15.1	-
ENSG00000261314	5.13E-15	-2.63127	1	1 RP11-359E8.5	-
ENSG00000261315	5.13E-15	-2.63127	1	1 LARP4P	K18763
ENSG00000261316	5.13E-15	-2.63127	1	1 CTC-400I9.1	-
ENSG00000261318	5.13E-15	-2.63127	1	1 RP11-653J6.1	-
ENSG00000261319	5.13E-15	-2.63127	1	1 RP11-279O17.1	-
ENSG00000261325	5.13E-15	-2.63127	1	1 AC140542.2	-
ENSG00000261327	5.13E-15	-2.63127	1	1 RP11-863P13.3	-
ENSG00000261329	5.13E-15	-2.63127	1	1 CTD-2049O4.1	-
ENSG00000261330	5.13E-15	-2.63127	1	1 RP11-281J9.1	K03767
ENSG00000261331	5.13E-15	-2.63127	1	1 CTD-2144E22.7	-
ENSG00000261332	5.13E-15	-2.63127	1	1 RP11-297C4.1	-
ENSG00000261333	5.13E-15	-2.63127	1	1 CD24P2	K06469
ENSG00000261336	5.13E-15	-2.63127	1	1 EIF4BP5	K03258
ENSG00000261340	5.13E-15	-2.63127	1	1 RP11-215H22.1	-
ENSG00000261346	5.13E-15	-2.63127	1	1 RP11-297C4.2	-
ENSG00000261347	5.13E-15	-2.63127	1	1 AP000439.5	-
ENSG00000261348	5.13E-15	-2.63127	1	1 RP11-510M2.1	-
ENSG00000261350	5.13E-15	-2.63127	1	1 RP11-80F22.14	-
ENSG00000261356	5.13E-15	-2.63127	1	1 RP11-46D6.5	K07891
ENSG00000261362	5.13E-15	-2.63127	1	1 RP11-467M13.3	-
ENSG00000261363	5.13E-15	-2.63127	1	1 RP11-134D3.2	-
ENSG00000261364	5.13E-15	-2.63127	1	1 RP11-59E19.4	-
ENSG00000261365	5.13E-15	-2.63127	1	1 RP11-483E23.5	K08111
ENSG00000261367	5.13E-15	-2.63127	1	1 RP11-455F5.4	-

ENSG00000261368	5.13E-15	-2.63127	1	1 RP11-96B5.4	--
ENSG00000261369	5.13E-15	-2.63127	1	1 RP11-474B12.1	--
ENSG00000261374	5.13E-15	-2.63127	1	1 RP11-64K12.10	--
ENSG00000261375	5.13E-15	-2.63127	1	1 RP11-632K20.6	--
ENSG00000261376	5.13E-15	-2.63127	1	1 RP11-525K10.2	--
ENSG00000261377	5.13E-15	-2.63127	1	1 RP11-578F21.12	K10595
ENSG00000261379	5.13E-15	-2.63127	1	1 RP11-395N3.1	--
ENSG00000261382	5.13E-15	-2.63127	1	1 RP11-461L18.1	--
ENSG00000261384	5.13E-15	-2.63127	1	1 RP11-60L3.2	--
ENSG00000261385	5.13E-15	-2.63127	1	1 RP11-388M20.2	--
ENSG00000261390	5.13E-15	-2.63127	1	1 RP11-345M22.2	--
ENSG00000261391	5.13E-15	-2.63127	1	1 RP11-586K12.7	K08111
ENSG00000261393	5.13E-15	-2.63127	1	1 RP11-21B23.1	--
ENSG00000261394	5.13E-15	-2.63127	1	1 RP11-165M1.3	--
ENSG00000261395	5.13E-15	-2.63127	1	1 HSPE1P5	K04078
ENSG00000261396	5.13E-15	-2.63127	1	1 CTD-2012K14.2	--
ENSG00000261397	5.13E-15	-2.63127	1	1 RP11-243A14.2	--
ENSG00000261398	5.13E-15	-2.63127	1	1 RP11-244B22.6	--
ENSG00000261400	5.13E-15	-2.63127	1	1 AC011525.2	--
ENSG00000261401	5.13E-15	-2.63127	1	1 RP11-578F21.3	K10595
ENSG00000261402	5.13E-15	-2.63127	1	1 RP11-378I6.1	--
ENSG00000261403	5.13E-15	-2.63127	1	1 RP11-114H24.3	--
ENSG00000261404	5.13E-15	-2.63127	1	1 AC009120.4	--
ENSG00000261405	5.13E-15	-2.63127	1	1 RP11-23E10.4	K06641
ENSG00000261406	5.13E-15	-2.63127	1	1 OR11J1P	K04257
ENSG00000261409	5.13E-15	-2.63127	1	1 RP6-24A23.7	--
ENSG00000261410	5.13E-15	-2.63127	1	1 RP11-543N12.1	--
ENSG00000261411	5.13E-15	-2.63127	1	1 RP11-268G13.1	--
ENSG00000261416	5.13E-15	-2.63127	1	1 RP11-455F5.5	--
ENSG00000261418	5.13E-15	-2.63127	1	1 RP11-529J17.3	K10595
ENSG00000261419	5.13E-15	-2.63127	1	1 RP11-57A19.4	K01047
ENSG00000261421	5.13E-15	-2.63127	1	1 RP11-22D3.1	--
ENSG00000261424	5.13E-15	-2.63127	1	1 ATP5F1P7	K02127
ENSG00000261425	5.13E-15	-2.63127	1	1 RP11-709B3.2	--
ENSG00000261426	5.13E-15	-2.63127	1	1 AC144833.1	--
ENSG00000261427	5.13E-15	-2.63127	1	1 CTD-2349B8.1	--
ENSG00000261429	5.13E-15	-2.63127	1	1 DPPA2P4	--
ENSG00000261432	5.13E-15	-2.63127	1	1 RP11-360A18.2	--
ENSG00000261434	5.13E-15	-2.63127	1	1 CTD-2083E4.7	--
ENSG00000261436	5.13E-15	-2.63127	1	1 RP11-354I13.2	--
ENSG00000261437	5.13E-15	-2.63127	1	1 RP11-22C11.2	--
ENSG00000261440	5.13E-15	-2.63127	1	1 CTD-2522B17.5	--
ENSG00000261444	5.13E-15	-2.63127	1	1 RP11-347C12.9	K13349
ENSG00000261445	5.13E-15	-2.63127	1	1 RP11-80F22.4	--
ENSG00000261446	5.13E-15	-2.63127	1	1 LINC00559	--
ENSG00000261447	5.13E-15	-2.63127	1	1 RP11-109D9.4	--
ENSG00000261448	5.13E-15	-2.63127	1	1 CTD-2576D5.4	--
ENSG00000261449	5.13E-15	-2.63127	1	1 RP11-589C21.5	--
ENSG00000261451	5.13E-15	-2.63127	1	1 RP11-981G7.1	--
ENSG00000261453	5.13E-15	-2.63127	1	1 RP11-565N2.1	--
ENSG00000261458	5.13E-15	-2.63127	1	1 RP11-787D11.1	--
ENSG00000261459	5.13E-15	-2.63127	1	1 ZNF747	K09228
ENSG00000261462	5.13E-15	-2.63127	1	1 CTA-254O6.1	--
ENSG00000261466	5.13E-15	-2.63127	1	1 RP11-23E10.2	--
ENSG00000261467	5.13E-15	-2.63127	1	1 RP11-731K22.1	--
ENSG00000261470	5.13E-15	-2.63127	1	1 RP11-152O14.4	--
ENSG00000261472	5.13E-15	-2.63127	1	1 RP11-467I17.1	--
ENSG00000261475	5.13E-15	-2.63127	1	1 CTD-2014E2.6	--

ENSG00000261478	5.13E-15	-2.63127	1	1 RP11-429B14.4	-
ENSG00000261480	5.13E-15	-2.63127	1	1 RP11-578F21.6	-
ENSG00000261482	5.13E-15	-2.63127	1	1 RP11-673P17.2	-
ENSG00000261486	5.13E-15	-2.63127	1	1 RARRES2P9	K10044
ENSG00000261489	5.13E-15	-2.63127	1	1 CTD-2515H24.3	-
ENSG00000261491	5.13E-15	-2.63127	1	1 DNM1P31	K01528
ENSG00000261496	5.13E-15	-2.63127	1	1 RP13-514E23.1	-
ENSG00000261497	5.13E-15	-2.63127	1	1 RP11-483E23.3	K14559
ENSG00000261498	5.13E-15	-2.63127	1	1 LINC00566	-
ENSG00000261501	5.13E-15	-2.63127	1	1 RP11-63B13.1	-
ENSG00000261502	5.13E-15	-2.63127	1	1 RP11-96H17.1	-
ENSG00000261504	5.13E-15	-2.63127	1	1 RP11-317P15.4	-
ENSG00000261507	5.13E-15	-2.63127	1	1 RP11-1437A8.6	-
ENSG00000261509	5.13E-15	-2.63127	1	1 TP53TG3B	-
ENSG00000261510	5.13E-15	-2.63127	1	1 RP11-244B22.13	-
ENSG00000261511	5.13E-15	-2.63127	1	1 CTD-3244O18.7	K17692
ENSG00000261514	5.13E-15	-2.63127	1	1 RP11-527L4.2	-
ENSG00000261515	5.13E-15	-2.63127	1	1 VN1R70P	K04614
ENSG00000261517	5.13E-15	-2.63127	1	1 LINC00558	-
ENSG00000261520	5.13E-15	-2.63127	1	1 DLGAP1-AS5	-
ENSG00000261523	5.13E-15	-2.63127	1	1 RP11-82O18.2	-
ENSG00000261527	5.13E-15	-2.63127	1	1 RP11-343C2.10	-
ENSG00000261532	5.13E-15	-2.63127	1	1 RP11-304L19.8	-
ENSG00000261536	5.13E-15	-2.63127	1	1 FAM108A10P	-
ENSG00000261537	5.13E-15	-2.63127	1	1 RP11-319G9.5	-
ENSG00000261538	5.13E-15	-2.63127	1	1 RP11-3M1.1	-
ENSG00000261540	5.13E-15	-2.63127	1	1 RP11-281J9.2	-
ENSG00000261541	5.13E-15	-2.63127	1	1 RP11-626K17.3	-
ENSG00000261543	5.13E-15	-2.63127	1	1 RP11-665J16.1	-
ENSG00000261544	5.13E-15	-2.63127	1	1 RP11-16E23.3	-
ENSG00000261548	5.13E-15	-2.63127	1	1 HLA-P	K06751
ENSG00000261549	5.13E-15	-2.63127	1	1 RP11-320A16.1	K10364
ENSG00000261552	5.13E-15	-2.63127	1	1 RP11-264B17.5	-
ENSG00000261554	5.13E-15	-2.63127	1	1 RP11-810K23.10	-
ENSG00000261555	5.13E-15	-2.63127	1	1 CTD-3229J4.1	-
ENSG00000261557	5.13E-15	-2.63127	1	1 EEF1A1P38	K03231
ENSG00000261558	5.13E-15	-2.63127	1	1 CTD-2291D10.2	-
ENSG00000261559	5.13E-15	-2.63127	1	1 RP11-1H8.3	K17455
ENSG00000261561	5.13E-15	-2.63127	1	1 RP11-536P16.2	K04815
ENSG00000261564	5.13E-15	-2.63127	1	1 RP11-616M22.10	K01340
ENSG00000261569	5.13E-15	-2.63127	1	1 RP11-586K12.11	-
ENSG00000261570	5.13E-15	-2.63127	1	1 RP11-744I24.2	-
ENSG00000261572	5.13E-15	-2.63127	1	1 RP11-384L8.1	-
ENSG00000261573	5.13E-15	-2.63127	1	1 RP11-553K8.5	-
ENSG00000261580	5.13E-15	-2.63127	1	1 ENPP7P13	K12354
ENSG00000261581	5.13E-15	-2.63127	1	1 RP11-665A22.1	K10595
ENSG00000261583	5.13E-15	-2.63127	1	1 CTD-2385L22.1	-
ENSG00000261584	5.13E-15	-2.63127	1	1 RP11-457M11.5	-
ENSG00000261586	5.13E-15	-2.63127	1	1 RP11-923I11.6	-
ENSG00000261588	5.13E-15	-2.63127	1	1 AC002310.17	K02928
ENSG00000261590	5.13E-15	-2.63127	1	1 RP11-457D20.1	K00654
ENSG00000261593	5.13E-15	-2.63127	1	1 CYP4A27P	K17687
ENSG00000261594	5.13E-15	-2.63127	1	1 TPBGL	-
ENSG00000261595	5.13E-15	-2.63127	1	1 RP11-426L16.9	-
ENSG00000261598	5.13E-15	-2.63127	1	1 RP11-107D24.2	-
ENSG00000261602	5.13E-15	-2.63127	1	1 CTD-2033A16.1	-
ENSG00000261603	5.13E-15	-2.63127	1	1 PRSS46	-
ENSG00000261606	5.13E-15	-2.63127	1	1 RP11-414J4.2	-

ENSG00000261607	5.13E-15	-2.63127	1	1 RP11-812E19.5	—
ENSG00000261608	5.13E-15	-2.63127	1	1 SLC25A1P4	K15100
ENSG00000261611	5.13E-15	-2.63127	1	1 AC010547.9	K09228
ENSG00000261612	5.13E-15	-2.63127	1	1 SUB1P3	—
ENSG00000261615	5.13E-15	-2.63127	1	1 CTD-2291D10.1	—
ENSG00000261617	5.13E-15	-2.63127	1	1 RP11-243A14.1	—
ENSG00000261618	5.13E-15	-2.63127	1	1 RP11-79H23.3	—
ENSG00000261621	5.13E-15	-2.63127	1	1 RP11-580I1.2	—
ENSG00000261622	5.13E-15	-2.63127	1	1 RP11-484P15.1	—
ENSG00000261623	5.13E-15	-2.63127	1	1 RP11-189E14.4	—
ENSG00000261624	5.13E-15	-2.63127	1	1 RP5-914M6.1	—
ENSG00000261625	5.13E-15	-2.63127	1	1 RP11-554A11.4	—
ENSG00000261627	5.13E-15	-2.63127	1	1 RP11-91I8.1	—
ENSG00000261628	5.13E-15	-2.63127	1	1 RP11-540B6.3	K14559
ENSG00000261629	5.13E-15	-2.63127	1	1 RP5-842K16.2	—
ENSG00000261630	5.13E-15	-2.63127	1	1 RP11-357N13.3	—
ENSG00000261632	5.13E-15	-2.63127	1	1 RP11-390D11.1	—
ENSG00000261633	5.13E-15	-2.63127	1	1 RP11-405F3.5	—
ENSG00000261635	5.13E-15	-2.63127	1	1 RP11-618N24.1	K09290
ENSG00000261636	5.13E-15	-2.63127	1	1 CTA-249B10.1	—
ENSG00000261637	5.13E-15	-2.63127	1	1 RP11-883G14.2	—
ENSG00000261638	5.13E-15	-2.63127	1	1 RP11-700H13.1	—
ENSG00000261641	5.13E-15	-2.63127	1	1 LA16c-390E6.5	—
ENSG00000261642	5.13E-15	-2.63127	1	1 RP11-309H21.3	—
ENSG00000261645	5.13E-15	-2.63127	1	1 DISC1FP1	—
ENSG00000261646	5.13E-15	-2.63127	1	1 RP11-489G11.3	—
ENSG00000261647	5.13E-15	-2.63127	1	1 IMPDH1P11	K00088
ENSG00000261648	5.13E-15	-2.63127	1	1 CTD-2014E2.2	—
ENSG00000261649	5.13E-15	-2.63127	1	1 GOLGA6L7P	—
ENSG00000261650	5.13E-15	-2.63127	1	1 RP11-474D1.4	—
ENSG00000261651	5.13E-15	-2.63127	1	1 RP11-899L11.3	—
ENSG00000261653	5.13E-15	-2.63127	1	1 RP11-21L1.1	—
ENSG00000261664	5.13E-15	-2.63127	1	1 RP11-275F13.1	—
ENSG00000261665	5.13E-15	-2.63127	1	1 TUBA8P2	K07374
ENSG00000261666	5.13E-15	-2.63127	1	1 LINC00560	—
ENSG00000261667	5.13E-15	-2.63127	1	1 RP11-520P18.5	—
ENSG00000261670	5.13E-15	-2.63127	1	1 RP11-1C8.5	—
ENSG00000261671	5.13E-15	-2.63127	1	1 RP11-573G6.6	—
ENSG00000261672	5.13E-15	-2.63127	1	1 RP11-475B2.1	—
ENSG00000261675	5.13E-15	-2.63127	1	1 RP5-1119A7.17	—
ENSG00000261679	5.13E-15	-2.63127	1	1 ATP5HP1	K02138
ENSG00000261680	5.13E-15	-2.63127	1	1 RP11-146F11.3	—
ENSG00000261682	5.13E-15	-2.63127	1	1 RP11-19N8.7	—
ENSG00000261683	5.13E-15	-2.63127	1	1 LINC00838	—
ENSG00000261684	5.13E-15	-2.63127	1	1 RP11-265N6.1	—
ENSG00000261685	5.13E-15	-2.63127	1	1 RP11-401P9.4	—
ENSG00000261689	5.13E-15	-2.63127	1	1 AGGF1P4	—
ENSG00000261691	5.13E-15	-2.63127	1	1 LA16c-366D1.3	—
ENSG00000261692	5.13E-15	-2.63127	1	1 RP1-168P16.1	—
ENSG00000261693	5.13E-15	-2.63127	1	1 RP13-467H17.1	—
ENSG00000261695	5.13E-15	-2.63127	1	1 RP11-719K4.6	—
ENSG00000261696	5.13E-15	-2.63127	1	1 RP11-354P17.15	—
ENSG00000261697	5.13E-15	-2.63127	1	1 RP11-178L8.5	—
ENSG00000261701	5.13E-15	-2.63127	1	1 HPR	K14477
ENSG00000261702	5.13E-15	-2.63127	1	1 RP11-282M16.1	K02957
ENSG00000261703	5.13E-15	-2.63127	1	1 RP11-327F22.5	—
ENSG00000261704	5.13E-15	-2.63127	1	1 IGHV1OR16-1	—
ENSG00000261708	5.13E-15	-2.63127	1	1 DNM1P32	K01528

ENSG00000261709	5.13E-15	-2.63127	1	1 SNORA11	--
ENSG00000261710	5.13E-15	-2.63127	1	1 RP11-953B20.1	--
ENSG00000261711	5.13E-15	-2.63127	1	1 RP11-80F22.9	--
ENSG00000261714	5.13E-15	-2.63127	1	1 CTD-2562G15.2	K11300
ENSG00000261715	5.13E-15	-2.63127	1	1 RP11-653G8.2	--
ENSG00000261716	5.13E-15	-2.63127	1	1 RP11-196G18.22	--
ENSG00000261717	5.13E-15	-2.63127	1	1 RP11-77K12.1	--
ENSG00000261719	5.13E-15	-2.63127	1	1 RP11-67H24.1	K14958
ENSG00000261720	5.13E-15	-2.63127	1	1 RP11-161M6.5	--
ENSG00000261722	5.13E-15	-2.63127	1	1 RP11-679B19.2	--
ENSG00000261725	5.13E-15	-2.63127	1	1 RP11-480G7.3	--
ENSG00000261727	5.13E-15	-2.63127	1	1 RP11-1166P10.6	K14958
ENSG00000261728	5.13E-15	-2.63127	1	1 RP11-307O13.1	--
ENSG00000261733	5.13E-15	-2.63127	1	1 RP11-80F22.8	--
ENSG00000261734	5.13E-15	-2.63127	1	1 RP11-669C19.1	--
ENSG00000261736	5.13E-15	-2.63127	1	1 AC002551.1	--
ENSG00000261738	5.13E-15	-2.63127	1	1 RP11-945C19.1	--
ENSG00000261739	5.13E-15	-2.63127	1	1 GOLGA8S	K10595
ENSG00000261741	5.13E-15	-2.63127	1	1 CTD-2014E2.5	--
ENSG00000261742	5.13E-15	-2.63127	1	1 LINC00922	--
ENSG00000261743	5.13E-15	-2.63127	1	1 RP11-2K6.2	--
ENSG00000261745	5.13E-15	-2.63127	1	1 RP11-506E9.3	--
ENSG00000261747	5.13E-15	-2.63127	1	1 RP11-932O9.3	--
ENSG00000261748	5.13E-15	-2.63127	1	1 RP11-419L9.1	--
ENSG00000261749	5.13E-15	-2.63127	1	1 RP11-152O14.1	--
ENSG00000261751	5.13E-15	-2.63127	1	1 RP11-305A4.3	--
ENSG00000261752	5.13E-15	-2.63127	1	1 RP11-244B22.1	--
ENSG00000261754	5.13E-15	-2.63127	1	1 CTC-523E23.1	--
ENSG00000261757	5.13E-15	-2.63127	1	1 AC005592.3	--
ENSG00000261758	5.13E-15	-2.63127	1	1 RP11-102M11.2	--
ENSG00000261760	5.13E-15	-2.63127	1	1 RP11-1223D19.1	--
ENSG00000261763	5.13E-15	-2.63127	1	1 RP11-442N1.2	--
ENSG00000261764	5.13E-15	-2.63127	1	1 KRT18P18	K07604
ENSG00000261765	5.13E-15	-2.63127	1	1 RP11-498D10.3	--
ENSG00000261771	5.13E-15	-2.63127	1	1 DYX1C1-CCPG1	--
ENSG00000261776	5.13E-15	-2.63127	1	1 RP11-358L22.2	K00272
ENSG00000261778	5.13E-15	-2.63127	1	1 RP5-1173P7.1	--
ENSG00000261779	5.13E-15	-2.63127	1	1 RP11-69H7.3	--
ENSG00000261781	5.13E-15	-2.63127	1	1 RP11-174G17.2	--
ENSG00000261782	5.13E-15	-2.63127	1	1 RP11-43P5.1	K17908
ENSG00000261786	5.13E-15	-2.63127	1	1 RP4-555D20.2	--
ENSG00000261787	5.13E-15	-2.63127	1	1 TCF24	K09072
ENSG00000261792	5.13E-15	-2.63127	1	1 DNMI1P28	K01528
ENSG00000261793	5.13E-15	-2.63127	1	1 RP11-350O14.18	--
ENSG00000261795	5.13E-15	-2.63127	1	1 RP11-90P13.1	--
ENSG00000261797	5.13E-15	-2.63127	1	1 RP11-744I24.3	--
ENSG00000261800	5.13E-15	-2.63127	1	1 RP11-244B22.11	--
ENSG00000261802	5.13E-15	-2.63127	1	1 RP11-44I10.6	--
ENSG00000261804	5.13E-15	-2.63127	1	1 RP11-44F14.2	--
ENSG00000261807	5.13E-15	-2.63127	1	1 RP11-430C1.1	--
ENSG00000261809	5.13E-15	-2.63127	1	1 CYP3A54P	--
ENSG00000261810	5.13E-15	-2.63127	1	1 RP11-895K13.2	--
ENSG00000261811	5.13E-15	-2.63127	1	1 RP11-382N13.2	--
ENSG00000261812	5.13E-15	-2.63127	1	1 TUBB8P7	K07375
ENSG00000261813	5.13E-15	-2.63127	1	1 RP11-151H2.3	K02877
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ENSG00000261816	5.13E-15	-2.63127	1	1 RP11-863P13.2	--
ENSG00000261817	5.13E-15	-2.63127	1	1 RP11-502H18.2	--

ENSG00000261818	5.13E-15	-2.63127	1	1 RP11-351A20.1	-
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ENSG00000261822	5.13E-15	-2.63127	1	1 RP11-265N6.2	-
ENSG00000261823	5.13E-15	-2.63127	1	1 RP11-48G14.1	-
ENSG00000261826	5.13E-15	-2.63127	1	1 RP11-691G17.1	-
ENSG00000261829	5.13E-15	-2.63127	1	1 RP11-223I10.1	-
ENSG00000261831	5.13E-15	-2.63127	1	1 RP11-533E19.2	-
ENSG00000261832	5.13E-15	-2.63127	1	1 CLN3	K12389
ENSG00000261833	5.13E-15	-2.63127	1	1 RP11-58C22.1	-
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ENSG00000261835	5.13E-15	-2.63127	1	1 RP11-429P3.2	K15559
ENSG00000261836	5.13E-15	-2.63127	1	1 RP11-244B22.12	-
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ENSG00000261838	5.13E-15	-2.63127	1	1 RP11-303E16.6	-
ENSG00000261841	5.13E-15	-2.63127	1	1 RP11-928F19.5	-
ENSG00000261842	5.13E-15	-2.63127	1	1 RP11-143I21.1	-
ENSG00000261845	5.13E-15	-2.63127	1	1 RP13-638C3.4	-
ENSG00000261848	5.13E-15	-2.63127	1	1 CTD-2309O5.3	-
ENSG00000261856	5.13E-15	-2.63127	1	1 CTD-2135D7.4	-
ENSG00000261857	5.13E-15	-2.63127	1	1 MIA	K16655
ENSG00000261863	5.13E-15	-2.63127	1	1 RP11-141J13.5	-
ENSG00000261866	5.13E-15	-2.63127	1	1 AC092566.1	-
ENSG00000261873	5.13E-15	-2.63127	1	1 RP11-515E23.1	-
ENSG00000261882	5.13E-15	-2.63127	1	1 RP11-502F1.2	K01110
ENSG00000261904	5.13E-15	-2.63127	1	1 RP11-109M19.3	K03883
ENSG00000261934	5.13E-15	-2.63127	1	1 PCDHGA9	K16495
ENSG00000261938	5.13E-15	-2.63127	1	1 RP11-461A8.1	-
ENSG00000261939	5.13E-15	-2.63127	1	1 CTC-496I23.1	-
ENSG00000261962	5.13E-15	-2.63127	1	1 AC009133.20	-
ENSG00000261965	5.13E-15	-2.63127	1	1 ISCA1P3	K13628
ENSG00000261970	5.13E-15	-2.63127	1	1 RP11-342L8.2	-
ENSG00000261976	5.13E-15	-2.63127	1	1 RP11-506D12.5	-
ENSG00000261978	5.13E-15	-2.63127	1	1 CTD-2529O21.2	-
ENSG00000261987	5.13E-15	-2.63127	1	1 KYNUP1	K01556
ENSG00000261996	5.13E-15	-2.63127	1	1 CTC-281F24.1	-
ENSG00000262000	5.13E-15	-2.63127	1	1 CTD-2526A2.5	K03515
ENSG00000262008	5.13E-15	-2.63127	1	1 RP11-510M2.8	-
ENSG00000262011	5.13E-15	-2.63127	1	1 AC003009.1	-
ENSG00000262020	5.13E-15	-2.63127	1	1 RP11-66H6.3	-
ENSG00000262031	5.13E-15	-2.63127	1	1 RP11-63A1.2	-
ENSG00000262038	5.13E-15	-2.63127	1	1 RP11-177N22.3	-
ENSG00000262039	5.13E-15	-2.63127	1	1 RP11-81K2.1	K09654
ENSG00000262048	5.13E-15	-2.63127	1	1 RP1-232L24.4	-
ENSG00000262061	5.13E-15	-2.63127	1	1 RP11-1260E13.4	-
ENSG00000262067	5.13E-15	-2.63127	1	1 CTD-2545G14.2	K04438
ENSG00000262074	5.13E-15	-2.63127	1	1 SNORD3B-2	-
ENSG00000262079	5.13E-15	-2.63127	1	1 RP11-515O17.3	-
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ENSG00000262085	5.13E-15	-2.63127	1	1 OR1P1	K04257
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ENSG00000262095	5.13E-15	-2.63127	1	1 RP3-433F14.4	-
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ENSG00000262097	5.13E-15	-2.63127	1	1 CTD-2135D7.5	-
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ENSG00000262106	5.13E-15	-2.63127	1	1 OR1D3P	K04257
ENSG00000262107	5.13E-15	-2.63127	1	1 RP11-109M19.5	-
ENSG00000262112	5.13E-15	-2.63127	1	1 RP11-670E13.5	-
ENSG00000262116	5.13E-15	-2.63127	1	1 AC009134.1	-

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ENSG00000262119	5.13E-15	-2.63127	1	1 RP11-483C6.1	-
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ENSG00000262135	5.13E-15	-2.63127	1	1 CTD-2033D24.1	K01880
ENSG00000262140	5.13E-15	-2.63127	1	1 RP11-417N10.3	K12003
ENSG00000262141	5.13E-15	-2.63127	1	1 CTC-479C5.11	K02949
ENSG00000262151	5.13E-15	-2.63127	1	1 RP11-876N24.2	-
ENSG00000262158	5.13E-15	-2.63127	1	1 CTD-2318B16.2	-
ENSG00000262160	5.13E-15	-2.63127	1	1 RP11-96D1.11	-
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ENSG00000262181	5.13E-15	-2.63127	1	1 RP11-683L23.2	-
ENSG00000262187	5.13E-15	-2.63127	1	1 RP11-652G5.2	K16725
ENSG00000262198	5.13E-15	-2.63127	1	1 RP11-124N19.3	-
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ENSG00000262211	5.13E-15	-2.63127	1	1 CTD-2031P19.5	-
ENSG00000262213	5.13E-15	-2.63127	1	1 AC144836.1	-
ENSG00000262228	5.13E-15	-2.63127	1	1 RP11-676J12.4	-
ENSG00000262231	5.13E-15	-2.63127	1	1 RP11-960B9.2	-
ENSG00000262235	5.13E-15	-2.63127	1	1 AC003009.2	-
ENSG00000262259	5.13E-15	-2.63127	1	1 CTD-2318B16.4	-
ENSG00000262262	5.13E-15	-2.63127	1	1 RP11-815I9.3	-
ENSG00000262265	5.13E-15	-2.63127	1	1 RP5-867C24.4	-
ENSG00000262267	5.13E-15	-2.63127	1	1 U95743.1	-
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ENSG00000262292	5.13E-15	-2.63127	1	1 RP11-160E2.11	-
ENSG00000262294	5.13E-15	-2.63127	1	1 RP11-1260E13.2	-
ENSG00000262302	5.13E-15	-2.63127	1	1 RP1-4G17.5	K06087
ENSG00000262312	5.13E-15	-2.63127	1	1 LA16c-390H2.4	-
ENSG00000262313	5.13E-15	-2.63127	1	1 CTD-2561B21.4	-
ENSG00000262316	5.13E-15	-2.63127	1	1 RP11-433P17.1	-
ENSG00000262319	5.13E-15	-2.63127	1	1 CTC-457L16.2	-
ENSG00000262322	5.13E-15	-2.63127	1	1 RP11-109M19.2	-
ENSG00000262339	5.13E-15	-2.63127	1	1 RP11-1197K16.2	-
ENSG00000262343	5.13E-15	-2.63127	1	1 RP11-353N14.3	-
ENSG00000262352	5.13E-15	-2.63127	1	1 AP005530.1	-
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ENSG00000262381	5.13E-15	-2.63127	1	1 CTD-2318B16.1	K02126
ENSG00000262384	5.13E-15	-2.63127	1	1 RP11-312B18.1	K03064
ENSG00000262395	5.13E-15	-2.63127	1	1 RP11-515E23.2	-
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ENSG00000262402	5.13E-15	-2.63127	1	1 RP11-667K14.8	-
ENSG00000262408	5.13E-15	-2.63127	1	1 RP11-670E13.3	-
ENSG00000262413	5.13E-15	-2.63127	1	1 RP11-498C9.3	-
ENSG00000262445	5.13E-15	-2.63127	1	1 CTD-2545H1.2	-
ENSG00000262456	5.13E-15	-2.63127	1	1 RP1-59D14.1	-
ENSG00000262470	5.13E-15	-2.63127	1	1 TVP23CP2	-
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ENSG00000262492	5.13E-15	-2.63127	1	1 RP11-1099M24.8	K02889
ENSG00000262495	5.13E-15	-2.63127	1	1 RP11-46I8.1	-
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ENSG00000262503	5.13E-15	-2.63127	1	1 RP11-530N7.2	K09440
ENSG00000262516	5.13E-15	-2.63127	1	1 RP11-95J11.1	-
ENSG00000262518	5.13E-15	-2.63127	1	1 CTD-2535P7.2	-
ENSG00000262529	5.13E-15	-2.63127	1	1 CTA-276F8.2	-
ENSG00000262533	5.13E-15	-2.63127	1	1 RP11-667K14.4	-
ENSG00000262539	5.13E-15	-2.63127	1	1 RP11-259G18.3	-
ENSG00000262543	5.13E-15	-2.63127	1	1 RP3-422G23.4	-

ENSG00000262554	5.13E-15	-2.63127	1	1 LA16c-360H6.2	K09229
ENSG00000262558	5.13E-15	-2.63127	1	1 RP11-1260E13.3	-
ENSG00000262560	5.13E-15	-2.63127	1	1 RP11-296A16.1	K15183
ENSG00000262561	5.13E-15	-2.63127	1	1 CTD-2522B17.8	-
ENSG00000262566	5.13E-15	-2.63127	1	1 RP11-448N11.3	-
ENSG00000262576	5.13E-15	-2.63127	1	1 PCDHGA4	K16495
ENSG00000262609	5.13E-15	-2.63127	1	1 BTF3P14	K01527
ENSG00000262619	5.13E-15	-2.63127	1	1 LINC00621	-
ENSG00000262621	5.13E-15	-2.63127	1	1 NAA60	-
ENSG00000262624	5.13E-15	-2.63127	1	1 RP11-104H15.9	-
ENSG00000262628	5.13E-15	-2.63127	1	1 OR1D5	K04257
ENSG00000262633	5.13E-15	-2.63127	1	1 RP11-156P1.2	K08496
ENSG00000262651	5.13E-15	-2.63127	1	1 RP11-164N20.2	K02993
ENSG00000262660	5.13E-15	-2.63127	1	1 SLC25A10	K13577
ENSG00000262664	5.13E-15	-2.63127	1	1 OVCA2	K07561
ENSG00000262670	5.13E-15	-2.63127	1	1 RP11-64J4.2	-
ENSG00000262693	5.13E-15	-2.63127	1	1 RP11-46I8.3	-
ENSG00000262700	5.13E-15	-2.63127	1	1 RP11-266L9.3	-
ENSG00000262708	5.13E-15	-2.63127	1	1 RP11-411G7.2	-
ENSG00000262714	5.13E-15	-2.63127	1	1 RP11-44F14.8	-
ENSG00000262721	5.13E-15	-2.63127	1	1 AC106782.20	-
ENSG00000262745	5.13E-15	-2.63127	1	1 CTD-2377D24.8	-
ENSG00000262756	5.13E-15	-2.63127	1	1 AC009133.21	-
ENSG00000262769	5.13E-15	-2.63127	1	1 RP11-1113L8.1	-
ENSG00000262786	5.13E-15	-2.63127	1	1 RP11-214O1.1	-
ENSG00000262791	5.13E-15	-2.63127	1	1 RP11-961A15.1	-
ENSG00000262801	5.13E-15	-2.63127	1	1 U91319.1	-
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ENSG00000262815	5.13E-15	-2.63127	1	1 RP11-565F19.4	-
ENSG00000262818	5.13E-15	-2.63127	1	1 RP11-636N17.1	K19526
ENSG00000262823	5.13E-15	-2.63127	1	1 RP13-580F15.2	-
ENSG00000262828	5.13E-15	-2.63127	1	1 RP11-325M4.2	-
ENSG00000262831	5.13E-15	-2.63127	1	1 RP11-498C9.2	-
ENSG00000262848	5.13E-15	-2.63127	1	1 RP11-517A5.5	-
ENSG00000262855	5.13E-15	-2.63127	1	1 RP11-46I8.4	-
ENSG00000262869	5.13E-15	-2.63127	1	1 CTD-2545H1.1	-
ENSG00000262873	5.13E-15	-2.63127	1	1 CTD-2561B21.11	-
ENSG00000262880	5.13E-15	-2.63127	1	1 RP11-104H15.7	-
ENSG00000262881	5.13E-15	-2.63127	1	1 RP11-669E14.4	-
ENSG00000262884	5.13E-15	-2.63127	1	1 CTD-3060P21.1	-
ENSG00000262885	5.13E-15	-2.63127	1	1 CTD-2144E22.11	-
ENSG00000262890	5.13E-15	-2.63127	1	1 RP11-424M24.5	-
ENSG00000262898	5.13E-15	-2.63127	1	1 AC139099.4	-
ENSG00000262899	5.13E-15	-2.63127	1	1 LA16c-360H6.3	-
ENSG00000262902	5.13E-15	-2.63127	1	1 RP11-750B16.1	K02256
ENSG00000262920	5.13E-15	-2.63127	1	1 RP11-1260E13.1	-
ENSG00000262921	5.13E-15	-2.63127	1	1 RP11-141J13.3	-
ENSG00000262950	5.13E-15	-2.63127	1	1 RP11-189E14.5	-
ENSG00000262952	5.13E-15	-2.63127	1	1 AC139099.6	-
ENSG00000262953	5.13E-15	-2.63127	1	1 EIF4A1P9	K03257
ENSG00000262959	5.13E-15	-2.63127	1	1 LA16c-321D4.1	K02893
ENSG00000262961	5.13E-15	-2.63127	1	1 CTB-162E12.1	-
ENSG00000262962	5.13E-15	-2.63127	1	1 KARSP3	K04567
ENSG00000262966	5.13E-15	-2.63127	1	1 RP11-85B7.2	-
ENSG00000262967	5.13E-15	-2.63127	1	1 RP11-294J22.6	-
ENSG00000262973	5.13E-15	-2.63127	1	1 RP11-708H21.4	-
ENSG00000262974	5.13E-15	-2.63127	1	1 RP11-457I16.4	K14394
ENSG00000262980	5.13E-15	-2.63127	1	1 OR52L2P	K04257

ENSG00000262990	5.13E-15	-2.63127	1	1 CTC-281F24.2	K02893
ENSG00000262995	5.13E-15	-2.63127	1	1 CTD-2194A8.2	-
ENSG00000263015	5.13E-15	-2.63127	1	1 RP5-1029F21.3	-
ENSG00000263020	5.13E-15	-2.63127	1	1 CSNK2B-LY6G5B-1	K06846
ENSG00000263029	5.13E-15	-2.63127	1	1 RP11-517A5.6	K14394
ENSG00000263033	5.13E-15	-2.63127	1	1 RP11-396B14.2	-
ENSG00000263041	5.13E-15	-2.63127	1	1 RP11-355F22.1	-
ENSG00000263053	5.13E-15	-2.63127	1	1 RP11-1055B8.6	-
ENSG00000263065	5.13E-15	-2.63127	1	1 AF001548.6	-
ENSG00000263070	5.13E-15	-2.63127	1	1 RP11-382B18.3	K17545
ENSG00000263082	5.13E-15	-2.63127	1	1 CTD-2034I21.2	-
ENSG00000263096	5.13E-15	-2.63127	1	1 RP11-515O17.2	-
ENSG00000263107	5.13E-15	-2.63127	1	1 RP11-1113L8.2	K03327
ENSG00000263110	5.13E-15	-2.63127	1	1 RP11-189E14.3	-
ENSG00000263120	5.13E-15	-2.63127	1	1 RP5-1107A17.4	-
ENSG00000263125	5.13E-15	-2.63127	1	1 ARL2BPP8	K16742
ENSG00000263136	5.13E-15	-2.63127	1	1 PAGR1	K14973
ENSG00000263146	5.13E-15	-2.63127	1	1 RP11-849I19.1	-
ENSG00000263154	5.13E-15	-2.63127	1	1 RP11-1055B8.2	-
ENSG00000263155	5.13E-15	-2.63127	1	1 MYZAP	-
ENSG00000263159	5.13E-15	-2.63127	1	1 RP11-462G12.4	-
ENSG00000263165	5.13E-15	-2.63127	1	1 RP11-810M2.2	-
ENSG00000263167	5.13E-15	-2.63127	1	1 RP11-149I9.2	-
ENSG00000263171	5.13E-15	-2.63127	1	1 RP11-542C16.1	-
ENSG00000263176	5.13E-15	-2.63127	1	1 RP11-893F2.15	-
ENSG00000263177	5.13E-15	-2.63127	1	1 RP11-433P17.2	K03878
ENSG00000263179	5.13E-15	-2.63127	1	1 HNRNPCP4	K12884
ENSG00000263182	5.13E-15	-2.63127	1	1 RP11-504P24.6	-
ENSG00000263189	5.13E-15	-2.63127	1	1 RP11-618P13.1	K09228
ENSG00000263196	5.13E-15	-2.63127	1	1 CTD-2318B16.3	-
ENSG00000263198	5.13E-15	-2.63127	1	1 RP11-517A5.4	-
ENSG00000263199	5.13E-15	-2.63127	1	1 RP11-372K20.1	K12757
ENSG00000263203	5.13E-15	-2.63127	1	1 CHTF8	-
ENSG00000263204	5.13E-15	-2.63127	1	1 RP11-1437A8.7	K14958
ENSG00000263206	5.13E-15	-2.63127	1	1 KYNUP3	K01556
ENSG00000263207	5.13E-15	-2.63127	1	1 RP11-26L20.4	-
ENSG00000263212	5.13E-15	-2.63127	1	1 LA16c-306E5.3	-
ENSG00000263218	5.13E-15	-2.63127	1	1 CTD-2561B21.7	-
ENSG00000263232	5.13E-15	-2.63127	1	1 ATP5A1P3	K02132
ENSG00000263234	5.13E-15	-2.63127	1	1 CTD-2135D7.3	-
ENSG00000263237	5.13E-15	-2.63127	1	1 RP11-429K17.1	-
ENSG00000263241	5.13E-15	-2.63127	1	1 RP11-109M19.4	K00412
ENSG00000263252	5.13E-15	-2.63127	1	1 RP11-146P2.1	-
ENSG00000263253	5.13E-15	-2.63127	1	1 RP11-204E4.3	-
ENSG00000263257	5.13E-15	-2.63127	1	1 RP11-65J21.4	-
ENSG00000263271	5.13E-15	-2.63127	1	1 RP11-1055B8.8	-
ENSG00000263277	5.13E-15	-2.63127	1	1 RP11-293B20.3	-
ENSG00000263293	5.13E-15	-2.63127	1	1 RP11-290H9.4	-
ENSG00000263300	5.13E-15	-2.63127	1	1 RP5-1029F21.4	-
ENSG00000263301	5.13E-15	-2.63127	1	1 RP11-104H15.8	-
ENSG00000263305	5.13E-15	-2.63127	1	1 AP005530.2	-
ENSG00000263312	5.13E-15	-2.63127	1	1 RP11-459C13.1	-
ENSG00000263316	5.13E-15	-2.63127	1	1 RP11-530N7.3	-
ENSG00000263317	5.13E-15	-2.63127	1	1 RP11-429O1.1	-
ENSG00000263325	5.13E-15	-2.63127	1	1 LA16c-325D7.1	-
ENSG00000263326	5.13E-15	-2.63127	1	1 RP11-266L9.6	-
ENSG00000263331	5.13E-15	-2.63127	1	1 CTC-508F8.1	-
ENSG00000263337	5.13E-15	-2.63127	1	1 RP11-1277H1.3	-

ENSG00000263342	5.13E-15	-2.63127	1	1 RP1-4G17.2	-
ENSG00000263343	5.13E-15	-2.63127	1	1 RP11-388M20.7	K04437
ENSG00000263351	5.13E-15	-2.63127	1	1 MIR4329	-
ENSG00000263354	5.13E-15	-2.63127	1	1 MIR5011	-
ENSG00000263355	5.13E-15	-2.63127	1	1 AKR1B10P2	K00011
ENSG00000263357	5.13E-15	-2.63127	1	1 AL133167.1	-
ENSG00000263360	5.13E-15	-2.63127	1	1 RN7SL134P	-
ENSG00000263363	5.13E-15	-2.63127	1	1 MIR5702	-
ENSG00000263364	5.13E-15	-2.63127	1	1 AC021052.1	-
ENSG00000263365	5.13E-15	-2.63127	1	1 AC123788.1	-
ENSG00000263368	5.13E-15	-2.63127	1	1 RP11-720N19.1	-
ENSG00000263369	5.13E-15	-2.63127	1	1 RP11-640N20.9	K11728
ENSG00000263371	5.13E-15	-2.63127	1	1 AP000673.1	-
ENSG00000263372	5.13E-15	-2.63127	1	1 MIR548AO	-
ENSG00000263375	5.13E-15	-2.63127	1	1 RP11-822E23.5	-
ENSG00000263377	5.13E-15	-2.63127	1	1 AL121875.1	-
ENSG00000263378	5.13E-15	-2.63127	1	1 AC019205.1	-
ENSG00000263380	5.13E-15	-2.63127	1	1 AC096534.1	-
ENSG00000263381	5.13E-15	-2.63127	1	1 MIR5584	-
ENSG00000263382	5.13E-15	-2.63127	1	1 RP11-552O4.1	-
ENSG00000263384	5.13E-15	-2.63127	1	1 AL354732.1	-
ENSG00000263385	5.13E-15	-2.63127	1	1 AC092798.1	-
ENSG00000263386	5.13E-15	-2.63127	1	1 RN7SL358P	-
ENSG00000263388	5.13E-15	-2.63127	1	1 CTC-297N7.10	-
ENSG00000263390	5.13E-15	-2.63127	1	1 MIR3119-1	-
ENSG00000263391	5.13E-15	-2.63127	1	1 AL512428.1	-
ENSG00000263392	5.13E-15	-2.63127	1	1 AC084262.2	-
ENSG00000263394	5.13E-15	-2.63127	1	1 RP11-160E2.19	-
ENSG00000263395	5.13E-15	-2.63127	1	1 AC093844.1	-
ENSG00000263396	5.13E-15	-2.63127	1	1 RP11-288C17.3	-
ENSG00000263397	5.13E-15	-2.63127	1	1 MIR5196	-
ENSG00000263399	5.13E-15	-2.63127	1	1 MIR3170	-
ENSG00000263401	5.13E-15	-2.63127	1	1 AC008674.1	-
ENSG00000263403	5.13E-15	-2.63127	1	1 MIR4673	-
ENSG00000263404	5.13E-15	-2.63127	1	1 AL158154.1	-
ENSG00000263405	5.13E-15	-2.63127	1	1 PA2G4P3	-
ENSG00000263409	5.13E-15	-2.63127	1	1 MIR4747	-
ENSG00000263410	5.13E-15	-2.63127	1	1 RN7SL460P	-
ENSG00000263413	5.13E-15	-2.63127	1	1 AL928742.1	-
ENSG00000263414	5.13E-15	-2.63127	1	1 MIR3187	-
ENSG00000263415	5.13E-15	-2.63127	1	1 AC021760.1	-
ENSG00000263416	5.13E-15	-2.63127	1	1 AC006145.1	-
ENSG00000263417	5.13E-15	-2.63127	1	1 GTSCR1	-
ENSG00000263421	5.13E-15	-2.63127	1	1 MIR4687	-
ENSG00000263424	5.13E-15	-2.63127	1	1 CTD-2541J13.2	-
ENSG00000263425	5.13E-15	-2.63127	1	1 AC131011.1	-
ENSG00000263426	5.13E-15	-2.63127	1	1 RN7SL471P	-
ENSG00000263427	5.13E-15	-2.63127	1	1 RP11-599B13.3	-
ENSG00000263429	5.13E-15	-2.63127	1	1 LINC00675	-
ENSG00000263433	5.13E-15	-2.63127	1	1 RP11-260A9.1	K05005
ENSG00000263435	5.13E-15	-2.63127	1	1 RP11-17M24.2	-
ENSG00000263436	5.13E-15	-2.63127	1	1 MIR3158-2	-
ENSG00000263437	5.13E-15	-2.63127	1	1 AC020892.1	-
ENSG00000263438	5.13E-15	-2.63127	1	1 RP11-202D1.3	-
ENSG00000263439	5.13E-15	-2.63127	1	1 MIR4753	-
ENSG00000263441	5.13E-15	-2.63127	1	1 AC012181.1	-
ENSG00000263443	5.13E-15	-2.63127	1	1 RP11-973F15.2	-
ENSG00000263445	5.13E-15	-2.63127	1	1 MIR4450	-

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ENSG00000263449	5.13E-15	-2.63127	1	1 AC021887.1	--
ENSG00000263450	5.13E-15	-2.63127	1	1 RP11-680N20.1	--
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ENSG00000263453	5.13E-15	-2.63127	1	1 MIR4532	--
ENSG00000263456	5.13E-15	-2.63127	1	1 MIR5189	--
ENSG00000263457	5.13E-15	-2.63127	1	1 AC079804.2	--
ENSG00000263458	5.13E-15	-2.63127	1	1 MIR4455	--
ENSG00000263459	5.13E-15	-2.63127	1	1 AL359552.1	--
ENSG00000263460	5.13E-15	-2.63127	1	1 RP11-838N2.8	--
ENSG00000263462	5.13E-15	-2.63127	1	1 MIR4750	--
ENSG00000263468	5.13E-15	-2.63127	1	1 MIR3130-1	--
ENSG00000263472	5.13E-15	-2.63127	1	1 RN7SL576P	--
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ENSG00000263475	5.13E-15	-2.63127	1	1 AL353805.1	--
ENSG00000263476	5.13E-15	-2.63127	1	1 MIR3156-1	--
ENSG00000263478	5.13E-15	-2.63127	1	1 RN7SL439P	--
ENSG00000263479	5.13E-15	-2.63127	1	1 RN7SL509P	--
ENSG00000263481	5.13E-15	-2.63127	1	1 AL603766.1	--
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ENSG00000263485	5.13E-15	-2.63127	1	1 CTC-304I17.4	--
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ENSG00000263490	5.13E-15	-2.63127	1	1 RN7SL155P	--
ENSG00000263493	5.13E-15	-2.63127	1	1 RN7SL94P	--
ENSG00000263494	5.13E-15	-2.63127	1	1 AC004702.2	--
ENSG00000263497	5.13E-15	-2.63127	1	1 AL109844.1	--
ENSG00000263501	5.13E-15	-2.63127	1	1 RP11-269G24.2	--
ENSG00000263502	5.13E-15	-2.63127	1	1 AC134878.2	--
ENSG00000263503	5.13E-15	-2.63127	1	1 RP11-707O23.5	K04434
ENSG00000263504	5.13E-15	-2.63127	1	1 AC092104.1	--
ENSG00000263505	5.13E-15	-2.63127	1	1 RP11-78F17.3	--
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ENSG00000263509	5.13E-15	-2.63127	1	1 AC078988.1	--
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ENSG00000263512	5.13E-15	-2.63127	1	1 MIR4311	--
ENSG00000263514	5.13E-15	-2.63127	1	1 MIR3668	--
ENSG00000263515	5.13E-15	-2.63127	1	1 MIR548AN	--
ENSG00000263518	5.13E-15	-2.63127	1	1 AL009050.1	--
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ENSG00000263520	5.13E-15	-2.63127	1	1 CTD-2535L24.3	--
ENSG00000263522	5.13E-15	-2.63127	1	1 Z97054.1	--
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ENSG00000263527	5.13E-15	-2.63127	1	1 MIR4526	--
ENSG00000263529	5.13E-15	-2.63127	1	1 RN7SL122P	--
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ENSG00000263545	5.13E-15	-2.63127	1	1 AC005195.1	--
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ENSG00000263548	5.13E-15	-2.63127	1	1 MIR5187	--
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ENSG00000263554	5.13E-15	-2.63127	1	1 MIR4788	--
ENSG00000263555	5.13E-15	-2.63127	1	1 RN7SL533P	--
ENSG00000263556	5.13E-15	-2.63127	1	1 RN7SL383P	--
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ENSG00000263558	5.13E-15	-2.63127	1	1 RN7SL716P	--
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ENSG00000263565	5.13E-15	-2.63127	1	1 MIR4738	--
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ENSG00000263567	5.13E-15	-2.63127	1	1 RP11-805L22.3	--
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ENSG00000263569	5.13E-15	-2.63127	1	1 RN7SL212P	--
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ENSG00000263572	5.13E-15	-2.63127	1	1 MIR5683	--
ENSG00000263573	5.13E-15	-2.63127	1	1 MIR4270	--
ENSG00000263574	5.13E-15	-2.63127	1	1 CTD-2532D12.4	--
ENSG00000263575	5.13E-15	-2.63127	1	1 MIR4665	--
ENSG00000263576	5.13E-15	-2.63127	1	1 AL121748.1	--
ENSG00000263577	5.13E-15	-2.63127	1	1 AL160291.1	--
ENSG00000263578	5.13E-15	-2.63127	1	1 AL359546.1	--
ENSG00000263581	5.13E-15	-2.63127	1	1 MIR548X2	--
ENSG00000263582	5.13E-15	-2.63127	1	1 RN7SL768P	--
ENSG00000263583	5.13E-15	-2.63127	1	1 MIR4522	--
ENSG00000263585	5.13E-15	-2.63127	1	1 RP11-498C9.13	--
ENSG00000263586	5.13E-15	-2.63127	1	1 RP11-309N17.4	--
ENSG00000263587	5.13E-15	-2.63127	1	1 RN7SL296P	--
ENSG00000263588	5.13E-15	-2.63127	1	1 RP11-595B24.2	K00272
ENSG00000263591	5.13E-15	-2.63127	1	1 RN7SL136P	--
ENSG00000263592	5.13E-15	-2.63127	1	1 AL035457.1	--
ENSG00000263593	5.13E-15	-2.63127	1	1 MIR4804	--
ENSG00000263594	5.13E-15	-2.63127	1	1 RP11-28O3.2	--
ENSG00000263595	5.13E-15	-2.63127	1	1 RN7SL823P	--
ENSG00000263596	5.13E-15	-2.63127	1	1 AC013477.1	--
ENSG00000263599	5.13E-15	-2.63127	1	1 RN7SL171P	--
ENSG00000263600	5.13E-15	-2.63127	1	1 MIR3915	--
ENSG00000263602	5.13E-15	-2.63127	1	1 MIR3185	--
ENSG00000263603	5.13E-15	-2.63127	1	1 CTD-2349P21.5	--
ENSG00000263604	5.13E-15	-2.63127	1	1 RP11-19P22.3	--
ENSG00000263608	5.13E-15	-2.63127	1	1 RN7SL353P	--
ENSG00000263609	5.13E-15	-2.63127	1	1 RP11-1109M24.16	--
ENSG00000263611	5.13E-15	-2.63127	1	1 RP11-612A1.1	--
ENSG00000263613	5.13E-15	-2.63127	1	1 RP11-321A17.5	--
ENSG00000263614	5.13E-15	-2.63127	1	1 CR786580.1	--
ENSG00000263615	5.13E-15	-2.63127	1	1 MIR4306	--
ENSG00000263616	5.13E-15	-2.63127	1	1 RN7SL178P	--
ENSG00000263618	5.13E-15	-2.63127	1	1 RP11-527H14.4	--
ENSG00000263620	5.13E-15	-2.63127	1	1 RP11-599B13.6	K13504
ENSG00000263621	5.13E-15	-2.63127	1	1 RN7SL650P	--
ENSG00000263622	5.13E-15	-2.63127	1	1 RP11-389J22.3	--
ENSG00000263623	5.13E-15	-2.63127	1	1 AC005701.1	--
ENSG00000263626	5.13E-15	-2.63127	1	1 AL392111.1	--
ENSG00000263628	5.13E-15	-2.63127	1	1 MIR3155A	--
ENSG00000263629	5.13E-15	-2.63127	1	1 MIR5586	--

ENSG00000263630	5.13E-15	-2.63127	1	1 AP005271.1	--
ENSG00000263631	5.13E-15	-2.63127	1	1 MIR378D1	--
ENSG00000263632	5.13E-15	-2.63127	1	1 AC126177.1	--
ENSG00000263633	5.13E-15	-2.63127	1	1 RN7SL374P	--
ENSG00000263634	5.13E-15	-2.63127	1	1 MIR3919	--
ENSG00000263635	5.13E-15	-2.63127	1	1 RP11-805F19.2	--
ENSG00000263636	5.13E-15	-2.63127	1	1 AC138304.1	--
ENSG00000263637	5.13E-15	-2.63127	1	1 RP11-106E15.1	--
ENSG00000263640	5.13E-15	-2.63127	1	1 AF235103.1	--
ENSG00000263641	5.13E-15	-2.63127	1	1 MIR4777	--
ENSG00000263642	5.13E-15	-2.63127	1	1 MIR4802	--
ENSG00000263643	5.13E-15	-2.63127	1	1 MIR4515	--
ENSG00000263644	5.13E-15	-2.63127	1	1 RP11-269G24.3	--
ENSG00000263645	5.13E-15	-2.63127	1	1 AL079339.1	--
ENSG00000263647	5.13E-15	-2.63127	1	1 RP11-927P21.5	K11728
ENSG00000263649	5.13E-15	-2.63127	1	1 MIR3135B	--
ENSG00000263650	5.13E-15	-2.63127	1	1 RN7SL270P	--
ENSG00000263651	5.13E-15	-2.63127	1	1 AC139451.1	--
ENSG00000263652	5.13E-15	-2.63127	1	1 MIR548AX	--
ENSG00000263653	5.13E-15	-2.63127	1	1 AC007025.1	--
ENSG00000263654	5.13E-15	-2.63127	1	1 RN7SL711P	--
ENSG00000263655	5.13E-15	-2.63127	1	1 RP11-25L3.3	--
ENSG00000263656	5.13E-15	-2.63127	1	1 AC105402.1	--
ENSG00000263658	5.13E-15	-2.63127	1	1 AL356865.1	--
ENSG00000263659	5.13E-15	-2.63127	1	1 RN7SL603P	--
ENSG00000263661	5.13E-15	-2.63127	1	1 AC009132.1	--
ENSG00000263663	5.13E-15	-2.63127	1	1 AL161891.1	--
ENSG00000263666	5.13E-15	-2.63127	1	1 SNORA70D	--
ENSG00000263667	5.13E-15	-2.63127	1	1 RP3-416J7.4	--
ENSG00000263669	5.13E-15	-2.63127	1	1 RN7SL470P	--
ENSG00000263670	5.13E-15	-2.63127	1	1 MIR4457	--
ENSG00000263672	5.13E-15	-2.63127	1	1 RN7SL750P	--
ENSG00000263674	5.13E-15	-2.63127	1	1 RP11-443G13.2	--
ENSG00000263676	5.13E-15	-2.63127	1	1 MIR4632	--
ENSG00000263677	5.13E-15	-2.63127	1	1 RP11-17A19.2	--
ENSG00000263678	5.13E-15	-2.63127	1	1 AC072031.1	--
ENSG00000263682	5.13E-15	-2.63127	1	1 RP11-93H10.1	--
ENSG00000263683	5.13E-15	-2.63127	1	1 RP4-777O23.1	--
ENSG00000263684	5.13E-15	-2.63127	1	1 RP11-628O18.1	--
ENSG00000263685	5.13E-15	-2.63127	1	1 AC010884.2	--
ENSG00000263686	5.13E-15	-2.63127	1	1 AL391375.1	--
ENSG00000263688	5.13E-15	-2.63127	1	1 RP11-386P4.1	--
ENSG00000263689	5.13E-15	-2.63127	1	1 AC128653.1	--
ENSG00000263690	5.13E-15	-2.63127	1	1 AC011591.1	--
ENSG00000263691	5.13E-15	-2.63127	1	1 AL355885.1	--
ENSG00000263692	5.13E-15	-2.63127	1	1 AC091320.2	--
ENSG00000263693	5.13E-15	-2.63127	1	1 MIR3161	--
ENSG00000263694	5.13E-15	-2.63127	1	1 RN7SL224P	--
ENSG00000263697	5.13E-15	-2.63127	1	1 MIR3621	--
ENSG00000263698	5.13E-15	-2.63127	1	1 RP11-408H20.3	--
ENSG00000263705	5.13E-15	-2.63127	1	1 MIR5689	--
ENSG00000263706	5.13E-15	-2.63127	1	1 RN7SL450P	--
ENSG00000263707	5.13E-15	-2.63127	1	1 RP11-597M12.1	--
ENSG00000263708	5.13E-15	-2.63127	1	1 RP11-85B7.4	--
ENSG00000263709	5.13E-15	-2.63127	1	1 RP11-321A17.4	--
ENSG00000263710	5.13E-15	-2.63127	1	1 AC025175.1	--
ENSG00000263712	5.13E-15	-2.63127	1	1 MIR4639	--
ENSG00000263713	5.13E-15	-2.63127	1	1 AC109994.1	--

ENSG00000263714	5.13E-15	-2.63127	1	1 RN7SL755P	--
ENSG00000263715	5.13E-15	-2.63127	1	1 RP11-105N13.4	--
ENSG00000263716	5.13E-15	-2.63127	1	1 SLC25A51P2	--
ENSG00000263717	5.13E-15	-2.63127	1	1 RP11-466A19.6	--
ENSG00000263718	5.13E-15	-2.63127	1	1 RP11-285E9.6	--
ENSG00000263719	5.13E-15	-2.63127	1	1 MIR4523	--
ENSG00000263720	5.13E-15	-2.63127	1	1 RP11-389J22.1	--
ENSG00000263721	5.13E-15	-2.63127	1	1 MIR4444-2	--
ENSG00000263723	5.13E-15	-2.63127	1	1 SNORD39	--
ENSG00000263724	5.13E-15	-2.63127	1	1 DLGAP1-AS3	--
ENSG00000263725	5.13E-15	-2.63127	1	1 FTLP13	--
ENSG00000263726	5.13E-15	-2.63127	1	1 CTB-187M2.3	--
ENSG00000263729	5.13E-15	-2.63127	1	1 RP11-746M1.8	K08789
ENSG00000263730	5.13E-15	-2.63127	1	1 MIR3937	--
ENSG00000263732	5.13E-15	-2.63127	1	1 AC012564.1	--
ENSG00000263733	5.13E-15	-2.63127	1	1 RP11-47G4.1	K09598
ENSG00000263734	5.13E-15	-2.63127	1	1 MIR4643	--
ENSG00000263735	5.13E-15	-2.63127	1	1 MIR4662A	--
ENSG00000263737	5.13E-15	-2.63127	1	1 RN7SL476P	--
ENSG00000263738	5.13E-15	-2.63127	1	1 AC079233.1	--
ENSG00000263741	5.13E-15	-2.63127	1	1 MIR548AS	--
ENSG00000263743	5.13E-15	-2.63127	1	1 AC017028.2	--
ENSG00000263744	5.13E-15	-2.63127	1	1 MIR3664	--
ENSG00000263745	5.13E-15	-2.63127	1	1 RP11-161I6.2	--
ENSG00000263746	5.13E-15	-2.63127	1	1 MIR4277	--
ENSG00000263748	5.13E-15	-2.63127	1	1 EXOGP1	K15050
ENSG00000263749	5.13E-15	-2.63127	1	1 OOSP1P2	--
ENSG00000263750	5.13E-15	-2.63127	1	1 MIR548AV	--
ENSG00000263751	5.13E-15	-2.63127	1	1 AL122127.1	--
ENSG00000263752	5.13E-15	-2.63127	1	1 MIR3133	--
ENSG00000263754	5.13E-15	-2.63127	1	1 CR786580.2	--
ENSG00000263755	5.13E-15	-2.63127	1	1 RN7SL498P	--
ENSG00000263756	5.13E-15	-2.63127	1	1 XXbac-BPG181M17	--
ENSG00000263757	5.13E-15	-2.63127	1	1 AC027288.1	--
ENSG00000263759	5.13E-15	-2.63127	1	1 AC122714.1	--
ENSG00000263763	5.13E-15	-2.63127	1	1 MIR3686	--
ENSG00000263765	5.13E-15	-2.63127	1	1 RP11-746B8.1	--
ENSG00000263767	5.13E-15	-2.63127	1	1 AC083906.1	--
ENSG00000263768	5.13E-15	-2.63127	1	1 AC060226.1	--
ENSG00000263769	5.13E-15	-2.63127	1	1 RN7SL367P	--
ENSG00000263770	5.13E-15	-2.63127	1	1 AL031666.1	--
ENSG00000263772	5.13E-15	-2.63127	1	1 RP11-549B18.3	K08496
ENSG00000263774	5.13E-15	-2.63127	1	1 AC017104.1	--
ENSG00000263775	5.13E-15	-2.63127	1	1 AC080008.1	--
ENSG00000263776	5.13E-15	-2.63127	1	1 SNORA4	--
ENSG00000263779	5.13E-15	-2.63127	1	1 RN7SL467P	--
ENSG00000263780	5.13E-15	-2.63127	1	1 AC005621.1	--
ENSG00000263781	5.13E-15	-2.63127	1	1 RP11-321A17.3	K03938
ENSG00000263782	5.13E-15	-2.63127	1	1 AC117481.1	--
ENSG00000263783	5.13E-15	-2.63127	1	1 MIR5590	--
ENSG00000263784	5.13E-15	-2.63127	1	1 AL136418.1	--
ENSG00000263785	5.13E-15	-2.63127	1	1 MIR3182	--
ENSG00000263787	5.13E-15	-2.63127	1	1 RP11-456D7.1	--
ENSG00000263788	5.13E-15	-2.63127	1	1 CTD-2008P7.7	--
ENSG00000263790	5.13E-15	-2.63127	1	1 MIR4473	--
ENSG00000263791	5.13E-15	-2.63127	1	1 MIR4727	--
ENSG00000263793	5.13E-15	-2.63127	1	1 MIR3115	--
ENSG00000263794	5.13E-15	-2.63127	1	1 RN7SL457P	--

ENSG00000263795	5.13E-15	-2.63127	1	1 MIR5100	--
ENSG00000263796	5.13E-15	-2.63127	1	1 RN7SL609P	--
ENSG00000263797	5.13E-15	-2.63127	1	1 RP11-146G7.2	--
ENSG00000263798	5.13E-15	-2.63127	1	1 RP11-6N17.9	--
ENSG00000263800	5.13E-15	-2.63127	1	1 MIR5684	--
ENSG00000263802	5.13E-15	-2.63127	1	1 AL121655.1	--
ENSG00000263803	5.13E-15	-2.63127	1	1 RN7SL816P	--
ENSG00000263804	5.13E-15	-2.63127	1	1 RN7SL409P	--
ENSG00000263805	5.13E-15	-2.63127	1	1 AL450244.1	--
ENSG00000263808	5.13E-15	-2.63127	1	1 AC093376.1	--
ENSG00000263810	5.13E-15	-2.63127	1	1 AC055723.1	--
ENSG00000263811	5.13E-15	-2.63127	1	1 MIR3675	--
ENSG00000263812	5.13E-15	-2.63127	1	1 LINC00908	--
ENSG00000263814	5.13E-15	-2.63127	1	1 AC093786.1	--
ENSG00000263815	5.13E-15	-2.63127	1	1 RN7SL426P	--
ENSG00000263816	5.13E-15	-2.63127	1	1 MIR548AW	--
ENSG00000263817	5.13E-15	-2.63127	1	1 RN7SL157P	--
ENSG00000263819	5.13E-15	-2.63127	1	1 RN7SL478P	--
ENSG00000263820	5.13E-15	-2.63127	1	1 AC005702.2	--
ENSG00000263821	5.13E-15	-2.63127	1	1 RP11-527H14.1	--
ENSG00000263825	5.13E-15	-2.63127	1	1 AL358813.2	--
ENSG00000263827	5.13E-15	-2.63127	1	1 AP005118.1	--
ENSG00000263828	5.13E-15	-2.63127	1	1 MIR4439	--
ENSG00000263829	5.13E-15	-2.63127	1	1 FAM60BP	--
ENSG00000263830	5.13E-15	-2.63127	1	1 RN7SL871P	--
ENSG00000263831	5.13E-15	-2.63127	1	1 MIR378E	--
ENSG00000263832	5.13E-15	-2.63127	1	1 AC023237.1	--
ENSG00000263834	5.13E-15	-2.63127	1	1 MIR4635	--
ENSG00000263835	5.13E-15	-2.63127	1	1 BX649553.1	--
ENSG00000263838	5.13E-15	-2.63127	1	1 MIR4698	--
ENSG00000263840	5.13E-15	-2.63127	1	1 AC011431.2	--
ENSG00000263841	5.13E-15	-2.63127	1	1 RN7SL44P	--
ENSG00000263845	5.13E-15	-2.63127	1	1 AL390879.1	--
ENSG00000263846	5.13E-15	-2.63127	1	1 CIAPIN1P	--
ENSG00000263848	5.13E-15	-2.63127	1	1 AC108057.1	--
ENSG00000263849	5.13E-15	-2.63127	1	1 MIR4744	--
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ENSG00000263856	5.13E-15	-2.63127	1	1 AL121756.1	--
ENSG00000263857	5.13E-15	-2.63127	1	1 MIR4729	--
ENSG00000263858	5.13E-15	-2.63127	1	1 MIR4769	--
ENSG00000263859	5.13E-15	-2.63127	1	1 RP11-498C9.16	--
ENSG00000263860	5.13E-15	-2.63127	1	1 RP11-218M11.3	--
ENSG00000263861	5.13E-15	-2.63127	1	1 MIR3927	--
ENSG00000263862	5.13E-15	-2.63127	1	1 RP11-107K17.1	--
ENSG00000263863	5.13E-15	-2.63127	1	1 AC007948.1	--
ENSG00000263868	5.13E-15	-2.63127	1	1 AL139319.1	--
ENSG00000263870	5.13E-15	-2.63127	1	1 CTD-2350C19.5	K04353
ENSG00000263872	5.13E-15	-2.63127	1	1 hsa-mir-4528	--
ENSG00000263873	5.13E-15	-2.63127	1	1 RP11-334E6.12	--
ENSG00000263875	5.13E-15	-2.63127	1	1 AL353629.1	--
ENSG00000263877	5.13E-15	-2.63127	1	1 RN7SL276P	--
ENSG00000263878	5.13E-15	-2.63127	1	1 DLGAP1-AS4	--
ENSG00000263880	5.13E-15	-2.63127	1	1 RN7SL747P	--
ENSG00000263881	5.13E-15	-2.63127	1	1 MIR4436B1	--
ENSG00000263882	5.13E-15	-2.63127	1	1 RN7SL774P	--
ENSG00000263883	5.13E-15	-2.63127	1	1 RP11-51F16.5	K15410
ENSG00000263885	5.13E-15	-2.63127	1	1 MIR3920	--
ENSG00000263886	5.13E-15	-2.63127	1	1 AL953885.1	--

ENSG00000263888	5.13E-15	-2.63127	1	1 RN7SL777P	--
ENSG00000263889	5.13E-15	-2.63127	1	1 RN7SL86P	--
ENSG00000263890	5.13E-15	-2.63127	1	1 MIR4303	--
ENSG00000263891	5.13E-15	-2.63127	1	1 AC092634.1	--
ENSG00000263892	5.13E-15	-2.63127	1	1 MIR4667	--
ENSG00000263893	5.13E-15	-2.63127	1	1 CTD-3010D24.3	--
ENSG00000263894	5.13E-15	-2.63127	1	1 MIR3925	--
ENSG00000263895	5.13E-15	-2.63127	1	1 RP11-110H1.9	--
ENSG00000263897	5.13E-15	-2.63127	1	1 MIR4669	--
ENSG00000263898	5.13E-15	-2.63127	1	1 MIR4793	--
ENSG00000263900	5.13E-15	-2.63127	1	1 AC006483.1	--
ENSG00000263901	5.13E-15	-2.63127	1	1 RN7SL544P	--
ENSG00000263902	5.13E-15	-2.63127	1	1 RN7SL437P	--
ENSG00000263903	5.13E-15	-2.63127	1	1 AL035250.1	--
ENSG00000263904	5.13E-15	-2.63127	1	1 RP11-344B2.3	--
ENSG00000263905	5.13E-15	-2.63127	1	1 RN7SL555P	--
ENSG00000263906	5.13E-15	-2.63127	1	1 RP11-680F20.11	--
ENSG00000263907	5.13E-15	-2.63127	1	1 AL354833.1	--
ENSG00000263908	5.13E-15	-2.63127	1	1 MIR3116-2	--
ENSG00000263909	5.13E-15	-2.63127	1	1 MIR5000	--
ENSG00000263910	5.13E-15	-2.63127	1	1 AC133749.1	--
ENSG00000263911	5.13E-15	-2.63127	1	1 RN7SL31P	--
ENSG00000263914	5.13E-15	-2.63127	1	1 RP11-846F4.5	K03879
ENSG00000263917	5.13E-15	-2.63127	1	1 RP11-53I6.2	--
ENSG00000263918	5.13E-15	-2.63127	1	1 MIR3670-1	--
ENSG00000263919	5.13E-15	-2.63127	1	1 RN7SL686P	--
ENSG00000263920	5.13E-15	-2.63127	1	1 AC067751.1	--
ENSG00000263921	5.13E-15	-2.63127	1	1 AC013737.1	--
ENSG00000263923	5.13E-15	-2.63127	1	1 RP11-571L19.7	--
ENSG00000263924	5.13E-15	-2.63127	1	1 RP11-210K20.2	--
ENSG00000263926	5.13E-15	-2.63127	1	1 MIR4462	--
ENSG00000263927	5.13E-15	-2.63127	1	1 AC099759.1	--
ENSG00000263928	5.13E-15	-2.63127	1	1 AL354833.2	--
ENSG00000263929	5.13E-15	-2.63127	1	1 RN7SL186P	--
ENSG00000263930	5.13E-15	-2.63127	1	1 MIR4509-1	--
ENSG00000263932	5.13E-15	-2.63127	1	1 MIR4448	--
ENSG00000263933	5.13E-15	-2.63127	1	1 AL365502.1	--
ENSG00000263935	5.13E-15	-2.63127	1	1 RP11-674N23.2	--
ENSG00000263938	5.13E-15	-2.63127	1	1 RP11-579O24.3	--
ENSG00000263940	5.13E-15	-2.63127	1	1 RN7SL275P	--
ENSG00000263941	5.13E-15	-2.63127	1	1 RN7SL32P	--
ENSG00000263943	5.13E-15	-2.63127	1	1 RN7SL680P	--
ENSG00000263944	5.13E-15	-2.63127	1	1 RN7SL435P	--
ENSG00000263945	5.13E-15	-2.63127	1	1 MIR548Y	--
ENSG00000263946	5.13E-15	-2.63127	1	1 RP11-434D2.11	K10383
ENSG00000263947	5.13E-15	-2.63127	1	1 RN7SL694P	--
ENSG00000263948	5.13E-15	-2.63127	1	1 MIR4785	--
ENSG00000263952	5.13E-15	-2.63127	1	1 RP11-513M1.1	--
ENSG00000263954	5.13E-15	-2.63127	1	1 AC004769.1	--
ENSG00000263955	5.13E-15	-2.63127	1	1 RN7SL850P	--
ENSG00000263957	5.13E-15	-2.63127	1	1 AC105398.1	--
ENSG00000263958	5.13E-15	-2.63127	1	1 RP11-676J15.1	--
ENSG00000263959	5.13E-15	-2.63127	1	1 AC092988.1	--
ENSG00000263960	5.13E-15	-2.63127	1	1 AC007773.1	--
ENSG00000263963	5.13E-15	-2.63127	1	1 MIR4461	--
ENSG00000263964	5.13E-15	-2.63127	1	1 MIR4509-2	--
ENSG00000263966	5.13E-15	-2.63127	1	1 AP000765.1	--
ENSG00000263967	5.13E-15	-2.63127	1	1 MIR4290	--

ENSG00000263969	5.13E-15	-2.63127	1	1 RN7SL678P	--
ENSG00000263970	5.13E-15	-2.63127	1	1 RP11-789C17.5	--
ENSG00000263972	5.13E-15	-2.63127	1	1 MIR1587	--
ENSG00000263973	5.13E-15	-2.63127	1	1 MIR4760	--
ENSG00000263974	5.13E-15	-2.63127	1	1 RN7SL121P	--
ENSG00000263976	5.13E-15	-2.63127	1	1 YWHAEP3	K06630
ENSG00000263978	5.13E-15	-2.63127	1	1 MIR4499	--
ENSG00000263979	5.13E-15	-2.63127	1	1 MIR4672	--
ENSG00000263980	5.13E-15	-2.63127	1	1 BX649553.2	--
ENSG00000263981	5.13E-15	-2.63127	1	1 MIR5705	--
ENSG00000263982	5.13E-15	-2.63127	1	1 RP11-504I13.3	--
ENSG00000263984	5.13E-15	-2.63127	1	1 AC092380.1	--
ENSG00000263985	5.13E-15	-2.63127	1	1 AC116407.1	--
ENSG00000263986	5.13E-15	-2.63127	1	1 RP11-746M1.1	--
ENSG00000263987	5.13E-15	-2.63127	1	1 MIR5698	--
ENSG00000263988	5.13E-15	-2.63127	1	1 RN7SL147P	--
ENSG00000263989	5.13E-15	-2.63127	1	1 RN7SL615P	--
ENSG00000263991	5.13E-15	-2.63127	1	1 RN7SL386P	--
ENSG00000263993	5.13E-15	-2.63127	1	1 RN7SL786P	--
ENSG00000263997	5.13E-15	-2.63127	1	1 AC006130.1	--
ENSG00000263999	5.13E-15	-2.63127	1	1 RN7SL42P	--
ENSG00000264000	5.13E-15	-2.63127	1	1 RP11-286N3.2	--
ENSG00000264002	5.13E-15	-2.63127	1	1 RN7SL52P	--
ENSG00000264004	5.13E-15	-2.63127	1	1 MIR4717	--
ENSG00000264005	5.13E-15	-2.63127	1	1 MIR4314	--
ENSG00000264009	5.13E-15	-2.63127	1	1 AP001631.1	--
ENSG00000264010	5.13E-15	-2.63127	1	1 MIR4429	--
ENSG00000264013	5.13E-15	-2.63127	1	1 MIR3938	--
ENSG00000264014	5.13E-15	-2.63127	1	1 MIR4253	--
ENSG00000264015	5.13E-15	-2.63127	1	1 RP11-176N18.2	--
ENSG00000264016	5.13E-15	-2.63127	1	1 CTC-297N7.9	--
ENSG00000264018	5.13E-15	-2.63127	1	1 RN7SL207P	--
ENSG00000264019	5.13E-15	-2.63127	1	1 RP11-6N17.6	--
ENSG00000264020	5.13E-15	-2.63127	1	1 AC027806.1	--
ENSG00000264021	5.13E-15	-2.63127	1	1 MIR3917	--
ENSG00000264022	5.13E-15	-2.63127	1	1 AL732363.1	--
ENSG00000264023	5.13E-15	-2.63127	1	1 RP11-728E14.2	--
ENSG00000264024	5.13E-15	-2.63127	1	1 AL901608.1	--
ENSG00000264026	5.13E-15	-2.63127	1	1 RP11-1124B17.1	--
ENSG00000264028	5.13E-15	-2.63127	1	1 RN7SL744P	--
ENSG00000264029	5.13E-15	-2.63127	1	1 CTD-2008P7.5	K08496
ENSG00000264030	5.13E-15	-2.63127	1	1 RN7SL66P	--
ENSG00000264031	5.13E-15	-2.63127	1	1 RP11-68I3.2	--
ENSG00000264032	5.13E-15	-2.63127	1	1 MIR4491	--
ENSG00000264034	5.13E-15	-2.63127	1	1 AC010139.1	--
ENSG00000264036	5.13E-15	-2.63127	1	1 RN7SL198P	--
ENSG00000264037	5.13E-15	-2.63127	1	1 MIR4472-2	--
ENSG00000264038	5.13E-15	-2.63127	1	1 AC091132.2	--
ENSG00000264039	5.13E-15	-2.63127	1	1 AC114296.1	--
ENSG00000264040	5.13E-15	-2.63127	1	1 RP11-29O13.1	--
ENSG00000264041	5.13E-15	-2.63127	1	1 RN7SL670P	--
ENSG00000264042	5.13E-15	-2.63127	1	1 AL354833.3	--
ENSG00000264044	5.13E-15	-2.63127	1	1 RP11-192H23.7	--
ENSG00000264045	5.13E-15	-2.63127	1	1 AC073127.1	--
ENSG00000264046	5.13E-15	-2.63127	1	1 RN7SL312P	--
ENSG00000264047	5.13E-15	-2.63127	1	1 RN7SL455P	--
ENSG00000264048	5.13E-15	-2.63127	1	1 AL121992.1	--
ENSG00000264049	5.13E-15	-2.63127	1	1 MIR4737	--

ENSG00000264050	5.13E-15	-2.63127	1	1 RP11-22N12.2	--
ENSG00000264051	5.13E-15	-2.63127	1	1 AC007881.1	--
ENSG00000264052	5.13E-15	-2.63127	1	1 MIR3655	--
ENSG00000264054	5.13E-15	-2.63127	1	1 RPL31P9	K02910
ENSG00000264055	5.13E-15	-2.63127	1	1 AP000261.1	--
ENSG00000264056	5.13E-15	-2.63127	1	1 MIR5685	--
ENSG00000264059	5.13E-15	-2.63127	1	1 AC013558.1	--
ENSG00000264060	5.13E-15	-2.63127	1	1 MIR4316	--
ENSG00000264061	5.13E-15	-2.63127	1	1 FGF7P1	K04358
ENSG00000264062	5.13E-15	-2.63127	1	1 AC131012.1	--
ENSG00000264065	5.13E-15	-2.63127	1	1 RN7SL139P	--
ENSG00000264066	5.13E-15	-2.63127	1	1 MIR451B	--
ENSG00000264069	5.13E-15	-2.63127	1	1 MIR3943	--
ENSG00000264070	5.13E-15	-2.63127	1	1 DND1P1	--
ENSG00000264071	5.13E-15	-2.63127	1	1 RN7SL531P	--
ENSG00000264072	5.13E-15	-2.63127	1	1 RP11-856M7.4	--
ENSG00000264073	5.13E-15	-2.63127	1	1 MIR3199-2	--
ENSG00000264074	5.13E-15	-2.63127	1	1 AC110086.1	--
ENSG00000264075	5.13E-15	-2.63127	1	1 MIR4783	--
ENSG00000264076	5.13E-15	-2.63127	1	1 AL158040.1	--
ENSG00000264077	5.13E-15	-2.63127	1	1 AC010196.1	--
ENSG00000264078	5.13E-15	-2.63127	1	1 RP11-73M7.9	--
ENSG00000264079	5.13E-15	-2.63127	1	1 AC079412.1	--
ENSG00000264080	5.13E-15	-2.63127	1	1 CTD-2015H3.1	--
ENSG00000264081	5.13E-15	-2.63127	1	1 AL136985.1	--
ENSG00000264083	5.13E-15	-2.63127	1	1 RP11-227G15.9	--
ENSG00000264084	5.13E-15	-2.63127	1	1 MIR5688	--
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ENSG00000264089	5.13E-15	-2.63127	1	1 MIR3681	--
ENSG00000264090	5.13E-15	-2.63127	1	1 MIR4666B	--
ENSG00000264092	5.13E-15	-2.63127	1	1 RN7SL474P	--
ENSG00000264093	5.13E-15	-2.63127	1	1 RP11-401F2.2	K07604
ENSG00000264094	5.13E-15	-2.63127	1	1 AC022616.1	--
ENSG00000264095	5.13E-15	-2.63127	1	1 AP000560.1	--
ENSG00000264097	5.13E-15	-2.63127	1	1 AC034187.1	--
ENSG00000264098	5.13E-15	-2.63127	1	1 CTD-2350C19.1	--
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ENSG00000264102	5.13E-15	-2.63127	1	1 MIR4688	--
ENSG00000264103	5.13E-15	-2.63127	1	1 AC017028.3	--
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ENSG00000264105	5.13E-15	-2.63127	1	1 MIR3688-1	--
ENSG00000264106	5.13E-15	-2.63127	1	1 AC116562.2	--
ENSG00000264108	5.13E-15	-2.63127	1	1 RP11-357H3.1	--
ENSG00000264110	5.13E-15	-2.63127	1	1 MIR4300	--
ENSG00000264113	5.13E-15	-2.63127	1	1 RN7SL784P	--
ENSG00000264114	5.13E-15	-2.63127	1	1 AC063932.1	--
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ENSG00000264116	5.13E-15	-2.63127	1	1 RP11-321M21.3	--
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ENSG00000264120	5.13E-15	-2.63127	1	1 AF274855.1	--
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ENSG00000264125	5.13E-15	-2.63127	1	1 RP11-354P11.4	--
ENSG00000264126	5.13E-15	-2.63127	1	1 RN7SL158P	--
ENSG00000264128	5.13E-15	-2.63127	1	1 RN7SL713P	--

ENSG00000264129	5.13E-15	-2.63127	1	1 AC020900.2	--
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ENSG00000264131	5.13E-15	-2.63127	1	1 AC007631.1	--
ENSG00000264133	5.13E-15	-2.63127	1	1 AC006953.1	--
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ENSG00000264135	5.13E-15	-2.63127	1	1 AC104306.2	--
ENSG00000264136	5.13E-15	-2.63127	1	1 MIR3689D2	--
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ENSG00000264144	5.13E-15	-2.63127	1	1 AC105049.1	--
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ENSG00000264147	5.13E-15	-2.63127	1	1 MIR4763	--
ENSG00000264148	5.13E-15	-2.63127	1	1 RP11-848P1.7	K06630
ENSG00000264149	5.13E-15	-2.63127	1	1 RP11-268I9.3	--
ENSG00000264150	5.13E-15	-2.63127	1	1 RP11-715F3.1	K10704
ENSG00000264151	5.13E-15	-2.63127	1	1 RP11-739N10.1	--
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ENSG00000264157	5.13E-15	-2.63127	1	1 MIR3127	--
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ENSG00000264159	5.13E-15	-2.63127	1	1 RN7SL866P	--
ENSG00000264160	5.13E-15	-2.63127	1	1 MIR4762	--
ENSG00000264163	5.13E-15	-2.63127	1	1 MIR3689B	--
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ENSG00000264166	5.13E-15	-2.63127	1	1 RN7SL115P	--
ENSG00000264167	5.13E-15	-2.63127	1	1 RP1-253P7.1	--
ENSG00000264168	5.13E-15	-2.63127	1	1 MTND1P15	K03878
ENSG00000264169	5.13E-15	-2.63127	1	1 RN7SL665P	--
ENSG00000264172	5.13E-15	-2.63127	1	1 PDLIM1P3	--
ENSG00000264173	5.13E-15	-2.63127	1	1 MIR3175	--
ENSG00000264174	5.13E-15	-2.63127	1	1 RP11-212E8.1	--
ENSG00000264178	5.13E-15	-2.63127	1	1 AC137674.1	--
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ENSG00000264181	5.13E-15	-2.63127	1	1 AL713997.1	--
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ENSG00000264186	5.13E-15	-2.63127	1	1 RP11-737O24.4	K11095
ENSG00000264188	5.13E-15	-2.63127	1	1 RP11-13N13.5	--
ENSG00000264189	5.13E-15	-2.63127	1	1 CTD-2533G20.1	--
ENSG00000264192	5.13E-15	-2.63127	1	1 RN7SL117P	--
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ENSG00000264196	5.13E-15	-2.63127	1	1 RP11-171G2.1	--
ENSG00000264198	5.13E-15	-2.63127	1	1 RP11-94L15.2	--
ENSG00000264200	5.13E-15	-2.63127	1	1 MIR4693	--
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ENSG00000264205	5.13E-15	-2.63127	1	1 RN7SL71P	--
ENSG00000264206	5.13E-15	-2.63127	1	1 AL590391.1	--
ENSG00000264207	5.13E-15	-2.63127	1	1 RP11-196G18.23	--
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ENSG00000264210	5.13E-15	-2.63127	1	1 MIR4716	--
ENSG00000264211	5.13E-15	-2.63127	1	1 MIR4492	--
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ENSG00000264225	5.13E-15	-2.63127	1	1 RN7SL730P	--
ENSG00000264226	5.13E-15	-2.63127	1	1 MIR3168	--
ENSG00000264227	5.13E-15	-2.63127	1	1 RN7SL227P	--
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ENSG00000264236	5.13E-15	-2.63127	1	1 RP11-861L17.2	--
ENSG00000264238	5.13E-15	-2.63127	1	1 AL590084.1	--
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ENSG00000264241	5.13E-15	-2.63127	1	1 AL138721.1	--
ENSG00000264242	5.13E-15	-2.63127	1	1 RP11-271K11.1	K11837
ENSG00000264243	5.13E-15	-2.63127	1	1 RP11-6N17.1	--
ENSG00000264245	5.13E-15	-2.63127	1	1 RP11-822E23.4	--
ENSG00000264246	5.13E-15	-2.63127	1	1 RP11-138C24.2	--
ENSG00000264248	5.13E-15	-2.63127	1	1 AL603831.1	--
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ENSG00000264250	5.13E-15	-2.63127	1	1 RN7SL835P	--
ENSG00000264251	5.13E-15	-2.63127	1	1 RN7SL819P	--
ENSG00000264254	5.13E-15	-2.63127	1	1 CTD-3096M3.1	--
ENSG00000264255	5.13E-15	-2.63127	1	1 RN7SL463P	--
ENSG00000264257	5.13E-15	-2.63127	1	1 KIR3DP1	K07982
ENSG00000264260	5.13E-15	-2.63127	1	1 RP11-94B19.1	--
ENSG00000264261	5.13E-15	-2.63127	1	1 AC024908.1	--
ENSG00000264262	5.13E-15	-2.63127	1	1 RP11-285M22.3	--
ENSG00000264263	5.13E-15	-2.63127	1	1 RP11-671P2.1	--
ENSG00000264266	5.13E-15	-2.63127	1	1 MIR4322	--
ENSG00000264267	5.13E-15	-2.63127	1	1 AC069303.1	--
ENSG00000264268	5.13E-15	-2.63127	1	1 MIR4767	--
ENSG00000264270	5.13E-15	-2.63127	1	1 RP11-474I11.7	--
ENSG00000264271	5.13E-15	-2.63127	1	1 RN7SL488P	--
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ENSG00000264274	5.13E-15	-2.63127	1	1 MIR4799	--
ENSG00000264275	5.13E-15	-2.63127	1	1 RN7SL753P	--
ENSG00000264276	5.13E-15	-2.63127	1	1 RN7SL287P	--
ENSG00000264277	5.13E-15	-2.63127	1	1 AC011073.1	--
ENSG00000264280	5.13E-15	-2.63127	1	1 RN7SL322P	--
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ENSG00000264284	5.13E-15	-2.63127	1	1 AL391380.1	--
ENSG00000264286	5.13E-15	-2.63127	1	1 AL138930.2	--
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ENSG00000264289	5.13E-15	-2.63127	1	1 RP11-268I9.4	K09550
ENSG00000264292	5.13E-15	-2.63127	1	1 MIR2467	--
ENSG00000264293	5.13E-15	-2.63127	1	1 RN7SL657P	--
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ENSG00000264295	5.13E-15	-2.63127	1	1 MIR3922	--
ENSG00000264296	5.13E-15	-2.63127	1	1 RP11-116K4.1	K09228
ENSG00000264297	5.13E-15	-2.63127	1	1 MIR4433	--
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ENSG00000264299	5.13E-15	-2.63127	1	1 RP11-680F20.12	--
ENSG00000264300	5.13E-15	-2.63127	1	1 RP11-640N20.1	K11728
ENSG00000264301	5.13E-15	-2.63127	1	1 RP11-527H14.3	--
ENSG00000264302	5.13E-15	-2.63127	1	1 MIR4723	--
ENSG00000264303	5.13E-15	-2.63127	1	1 AC011410.1	--
ENSG00000264305	5.13E-15	-2.63127	1	1 RN7SL99P	--

ENSG00000264306	5.13E-15	-2.63127	1	1 AC104304.2	--
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ENSG00000264310	5.13E-15	-2.63127	1	1 AL157883.1	--
ENSG00000264311	5.13E-15	-2.63127	1	1 CCDC58P1	K16741
ENSG00000264312	5.13E-15	-2.63127	1	1 RN7SL642P	--
ENSG00000264313	5.13E-15	-2.63127	1	1 RN7SL644P	--
ENSG00000264314	5.13E-15	-2.63127	1	1 MIR548AT	--
ENSG00000264315	5.13E-15	-2.63127	1	1 HNRNPA1P11	K12741
ENSG00000264316	5.13E-15	-2.63127	1	1 RP11-846F4.9	K02262
ENSG00000264318	5.13E-15	-2.63127	1	1 RN7SL802P	--
ENSG00000264319	5.13E-15	-2.63127	1	1 MIR4801	--
ENSG00000264321	5.13E-15	-2.63127	1	1 AL358134.1	--
ENSG00000264322	5.13E-15	-2.63127	1	1 RN7SL448P	--
ENSG00000264323	5.13E-15	-2.63127	1	1 AC093887.1	--
ENSG00000264326	5.13E-15	-2.63127	1	1 MIR4657	--
ENSG00000264327	5.13E-15	-2.63127	1	1 AC024149.1	--
ENSG00000264328	5.13E-15	-2.63127	1	1 RN7SL781P	--
ENSG00000264330	5.13E-15	-2.63127	1	1 MIR5186	--
ENSG00000264331	5.13E-15	-2.63127	1	1 AC003035.1	--
ENSG00000264332	5.13E-15	-2.63127	1	1 AC111194.1	--
ENSG00000264333	5.13E-15	-2.63127	1	1 AC020915.1	--
ENSG00000264334	5.13E-15	-2.63127	1	1 RP11-671C19.2	--
ENSG00000264336	5.13E-15	-2.63127	1	1 AC140479.1	--
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ENSG00000264339	5.13E-15	-2.63127	1	1 RP11-769O8.2	--
ENSG00000264340	5.13E-15	-2.63127	1	1 RP11-231E4.3	--
ENSG00000264341	5.13E-15	-2.63127	1	1 MIR4417	--
ENSG00000264342	5.13E-15	-2.63127	1	1 MIR3660	--
ENSG00000264344	5.13E-15	-2.63127	1	1 AP000936.2	--
ENSG00000264345	5.13E-15	-2.63127	1	1 RP11-958F21.1	--
ENSG00000264346	5.13E-15	-2.63127	1	1 SNORA77	--
ENSG00000264347	5.13E-15	-2.63127	1	1 RN7SL24P	--
ENSG00000264352	5.13E-15	-2.63127	1	1 RN7SL602P	--
ENSG00000264354	5.13E-15	-2.63127	1	1 MIR3134	--
ENSG00000264355	5.13E-15	-2.63127	1	1 AC008738.2	--
ENSG00000264356	5.13E-15	-2.63127	1	1 RN7SL763P	--
ENSG00000264357	5.13E-15	-2.63127	1	1 MIR4648	--
ENSG00000264358	5.13E-15	-2.63127	1	1 MIR3122	--
ENSG00000264359	5.13E-15	-2.63127	1	1 NEK4P2	--
ENSG00000264361	5.13E-15	-2.63127	1	1 RN7SL607P	--
ENSG00000264362	5.13E-15	-2.63127	1	1 AC093875.1	--
ENSG00000264365	5.13E-15	-2.63127	1	1 RP11-621L6.2	--
ENSG00000264366	5.13E-15	-2.63127	1	1 Z95400.1	--
ENSG00000264370	5.13E-15	-2.63127	1	1 MIR3125	--
ENSG00000264371	5.13E-15	-2.63127	1	1 MIR4425	--
ENSG00000264372	5.13E-15	-2.63127	1	1 AC108519.1	--
ENSG00000264373	5.13E-15	-2.63127	1	1 RP11-227G15.6	K03574
ENSG00000264374	5.13E-15	-2.63127	1	1 AL357115.1	--
ENSG00000264376	5.13E-15	-2.63127	1	1 RN7SL613P	--
ENSG00000264378	5.13E-15	-2.63127	1	1 AC116533.2	--
ENSG00000264379	5.13E-15	-2.63127	1	1 SNORD39	--
ENSG00000264380	5.13E-15	-2.63127	1	1 AL590113.1	--
ENSG00000264382	5.13E-15	-2.63127	1	1 AC007881.2	--
ENSG00000264383	5.13E-15	-2.63127	1	1 AC068014.1	--
ENSG00000264385	5.13E-15	-2.63127	1	1 RN7SL421P	--
ENSG00000264386	5.13E-15	-2.63127	1	1 MIR4513	--
ENSG00000264387	5.13E-15	-2.63127	1	1 MIR5007	--
ENSG00000264388	5.13E-15	-2.63127	1	1 RP11-752P2.1	--

ENSG00000264390	5.13E-15	-2.63127	1	1 MIR4465	--
ENSG00000264391	5.13E-15	-2.63127	1	1 RN7SL208P	--
ENSG00000264392	5.13E-15	-2.63127	1	1 AC002477.1	--
ENSG00000264395	5.13E-15	-2.63127	1	1 MIR3193	--
ENSG00000264396	5.13E-15	-2.63127	1	1 RN7SL264P	--
ENSG00000264397	5.13E-15	-2.63127	1	1 MIR3180-5	--
ENSG00000264398	5.13E-15	-2.63127	1	1 AL031601.1	--
ENSG00000264399	5.13E-15	-2.63127	1	1 MIR4736	--
ENSG00000264400	5.13E-15	-2.63127	1	1 RN7SL491P	--
ENSG00000264402	5.13E-15	-2.63127	1	1 MIR548AL	--
ENSG00000264405	5.13E-15	-2.63127	1	1 MIR3913-1	--
ENSG00000264406	5.13E-15	-2.63127	1	1 MIR548AP	--
ENSG00000264407	5.13E-15	-2.63127	1	1 RN7SL528P	--
ENSG00000264409	5.13E-15	-2.63127	1	1 AC113195.1	--
ENSG00000264410	5.13E-15	-2.63127	1	1 AL121931.1	--
ENSG00000264413	5.13E-15	-2.63127	1	1 AC011495.1	--
ENSG00000264419	5.13E-15	-2.63127	1	1 MIR548AC	--
ENSG00000264420	5.13E-15	-2.63127	1	1 AL158111.1	--
ENSG00000264421	5.13E-15	-2.63127	1	1 RP11-401F2.4	--
ENSG00000264422	5.13E-15	-2.63127	1	1 RP11-434D2.12	--
ENSG00000264423	5.13E-15	-2.63127	1	1 RN7SL718P	--
ENSG00000264426	5.13E-15	-2.63127	1	1 MIR4283-2	--
ENSG00000264428	5.13E-15	-2.63127	1	1 AL691523.1	--
ENSG00000264429	5.13E-15	-2.63127	1	1 MIR3183	--
ENSG00000264431	5.13E-15	-2.63127	1	1 RP11-285M22.2	K06632
ENSG00000264433	5.13E-15	-2.63127	1	1 RP11-720L2.3	--
ENSG00000264434	5.13E-15	-2.63127	1	1 CTD-2006O16.2	--
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ENSG00000264438	5.13E-15	-2.63127	1	1 RN7SL560P	--
ENSG00000264439	5.13E-15	-2.63127	1	1 AL136001.1	--
ENSG00000264441	5.13E-15	-2.63127	1	1 AC006539.1	--
ENSG00000264442	5.13E-15	-2.63127	1	1 RN7SL119P	--
ENSG00000264443	5.13E-15	-2.63127	1	1 RP4-594I10.3	--
ENSG00000264444	5.13E-15	-2.63127	1	1 SDHCP1	K00236
ENSG00000264445	5.13E-15	-2.63127	1	1 AC087269.2	--
ENSG00000264446	5.13E-15	-2.63127	1	1 AC046130.1	--
ENSG00000264447	5.13E-15	-2.63127	1	1 AL445256.1	--
ENSG00000264449	5.13E-15	-2.63127	1	1 RP11-945C19.4	--
ENSG00000264451	5.13E-15	-2.63127	1	1 RP11-433M22.2	--
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ENSG00000264454	5.13E-15	-2.63127	1	1 AL049745.1	--
ENSG00000264455	5.13E-15	-2.63127	1	1 MIR4721	--
ENSG00000264458	5.13E-15	-2.63127	1	1 RP11-220C2.1	--
ENSG00000264461	5.13E-15	-2.63127	1	1 RN7SL179P	--
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ENSG00000264467	5.13E-15	-2.63127	1	1 RN7SL29P	--
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ENSG00000264470	5.13E-15	-2.63127	1	1 MIR4794	--
ENSG00000264471	5.13E-15	-2.63127	1	1 MIR4467	--
ENSG00000264472	5.13E-15	-2.63127	1	1 RP11-861L17.3	--
ENSG00000264473	5.13E-15	-2.63127	1	1 hsa-mir-4538	--
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ENSG00000264478	5.13E-15	-2.63127	1	1 AC100767.1	--
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ENSG00000264484	5.13E-15	-2.63127	1	1 RN7SL697P	--
ENSG00000264485	5.13E-15	-2.63127	1	1 RN7SL627P	--
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ENSG00000264489	5.13E-15	-2.63127	1	1 AC120120.1	--
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ENSG00000264491	5.13E-15	-2.63127	1	1 RP11-349A8.3	--
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ENSG00000264500	5.13E-15	-2.63127	1	1 MIR3124	--
ENSG00000264501	5.13E-15	-2.63127	1	1 RN7SL731P	--
ENSG00000264502	5.13E-15	-2.63127	1	1 AC024590.1	--
ENSG00000264503	5.13E-15	-2.63127	1	1 RP11-856M7.7	--
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ENSG00000264517	5.13E-15	-2.63127	1	1 AC003001.1	--
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ENSG00000264519	5.13E-15	-2.63127	1	1 RN7SL596P	--
ENSG00000264523	5.13E-15	-2.63127	1	1 RP11-158I9.7	--
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ENSG00000264526	5.13E-15	-2.63127	1	1 AL136123.1	--
ENSG00000264527	5.13E-15	-2.63127	1	1 WI2-1959D15.1	--
ENSG00000264529	5.13E-15	-2.63127	1	1 RP11-556O9.3	K09512
ENSG00000264530	5.13E-15	-2.63127	1	1 RN7SL25P	--
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ENSG00000264534	5.13E-15	-2.63127	1	1 MIR378B	--
ENSG00000264535	5.13E-15	-2.63127	1	1 AC093788.1	--
ENSG00000264536	5.13E-15	-2.63127	1	1 MIR5706	--
ENSG00000264539	5.13E-15	-2.63127	1	1 MIR548AR	--
ENSG00000264540	5.13E-15	-2.63127	1	1 RN7SL405P	--
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ENSG00000264543	5.13E-15	-2.63127	1	1 RP11-744K17.7	--
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ENSG00000264552	5.13E-15	-2.63127	1	1 AC105030.1	--
ENSG00000264553	5.13E-15	-2.63127	1	1 MIR4257	--
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ENSG00000264559	5.13E-15	-2.63127	1	1 MIR3162	--
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ENSG00000264563	5.13E-15	-2.63127	1	1 MIR4633	--
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ENSG00000264566	5.13E-15	-2.63127	1	1 MIR23C	--
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ENSG00000264576	5.13E-15	-2.63127	1	1 AC104012.1	--
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ENSG00000264580	5.13E-15	-2.63127	1	1 MIR5692B	--
ENSG00000264582	5.13E-15	-2.63127	1	1 RN7SL326P	--
ENSG00000264583	5.13E-15	-2.63127	1	1 MIR4487	--
ENSG00000264585	5.13E-15	-2.63127	1	1 MIR4449	--
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ENSG00000264588	5.13E-15	-2.63127	1	1 RN7SL872P	--
ENSG00000264589	5.13E-15	-2.63127	1	1 MAPT-AS1	--
ENSG00000264592	5.13E-15	-2.63127	1	1 RN7SL131P	--
ENSG00000264594	5.13E-15	-2.63127	1	1 MIR4640	--
ENSG00000264595	5.13E-15	-2.63127	1	1 RP11-94B19.5	--
ENSG00000264596	5.13E-15	-2.63127	1	1 RP11-678G15.1	--
ENSG00000264598	5.13E-15	-2.63127	1	1 RP1-29G21.1	--
ENSG00000264599	5.13E-15	-2.63127	1	1 AL109754.1	--
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ENSG00000264615	5.13E-15	-2.63127	1	1 RN7SL592P	--
ENSG00000264616	5.13E-15	-2.63127	1	1 MIR4755	--
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ENSG00000264618	5.13E-15	-2.63127	1	1 RN7SL732P	--
ENSG00000264620	5.13E-15	-2.63127	1	1 AL139022.1	--
ENSG00000264621	5.13E-15	-2.63127	1	1 MIR5591	--
ENSG00000264622	5.13E-15	-2.63127	1	1 RP11-642M2.1	--
ENSG00000264623	5.13E-15	-2.63127	1	1 MIR4796	--
ENSG00000264624	5.13E-15	-2.63127	1	1 MIR3615	--
ENSG00000264625	5.13E-15	-2.63127	1	1 RN7SL859P	--
ENSG00000264626	5.13E-15	-2.63127	1	1 RN7SL769P	--
ENSG00000264628	5.13E-15	-2.63127	1	1 RN7SL565P	--
ENSG00000264629	5.13E-15	-2.63127	1	1 D87007.1	--
ENSG00000264630	5.13E-15	-2.63127	1	1 RP11-4F22.2	--
ENSG00000264631	5.13E-15	-2.63127	1	1 RN7SL742P	--
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ENSG00000264634	5.13E-15	-2.63127	1	1 RP11-659F24.1	--
ENSG00000264637	5.13E-15	-2.63127	1	1 AC110283.1	--
ENSG00000264638	5.13E-15	-2.63127	1	1 MIR3152	--
ENSG00000264641	5.13E-15	-2.63127	1	1 AL354928.1	--
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ENSG00000264644	5.13E-15	-2.63127	1	1 KRT18P8	K07604
ENSG00000264645	5.13E-15	-2.63127	1	1 AC010528.1	--
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ENSG00000264652	5.13E-15	-2.63127	1	1 MIR4649	--
ENSG00000264657	5.13E-15	-2.63127	1	1 hsa-mir-3171	--
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ENSG00000264660	5.13E-15	-2.63127	1	1 RP11-381P6.1	--
ENSG00000264661	5.13E-15	-2.63127	1	1 MIR3200	--

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ENSG00000264663	5.13E-15	-2.63127	1	1 KRT8P34	K07605
ENSG00000264667	5.13E-15	-2.63127	1	1 AL137224.1	_
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ENSG00000264672	5.13E-15	-2.63127	1	1 RP11-112H10.4	_
ENSG00000264673	5.13E-15	-2.63127	1	1 RP11-92B11.3	_
ENSG00000264674	5.13E-15	-2.63127	1	1 AP000911.1	_
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ENSG00000264676	5.13E-15	-2.63127	1	1 RN7SL204P	_
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ENSG00000264678	5.13E-15	-2.63127	1	1 MIR3140	_
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ENSG00000264680	5.13E-15	-2.63127	1	1 hsa-mir-3669	_
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ENSG00000264684	5.13E-15	-2.63127	1	1 MIR4773-2	_
ENSG00000264685	5.13E-15	-2.63127	1	1 PRPF19P1	K10599
ENSG00000264686	5.13E-15	-2.63127	1	1 AC104458.1	_
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ENSG00000264689	5.13E-15	-2.63127	1	1 RP11-19P22.2	K08495
ENSG00000264690	5.13E-15	-2.63127	1	1 RN7SL534P	_
ENSG00000264691	5.13E-15	-2.63127	1	1 AP001427.1	_
ENSG00000264693	5.13E-15	-2.63127	1	1 RP11-63N3.1	_
ENSG00000264694	5.13E-15	-2.63127	1	1 AC092122.1	_
ENSG00000264695	5.13E-15	-2.63127	1	1 RP11-178F10.2	_
ENSG00000264696	5.13E-15	-2.63127	1	1 AC108078.1	_
ENSG00000264697	5.13E-15	-2.63127	1	1 RP11-585K6.2	K14739
ENSG00000264698	5.13E-15	-2.63127	1	1 MIR4255	_
ENSG00000264699	5.13E-15	-2.63127	1	1 RP11-421N8.2	_
ENSG00000264700	5.13E-15	-2.63127	1	1 RN7SL588P	_
ENSG00000264701	5.13E-15	-2.63127	1	1 RP11-6N17.10	_
ENSG00000264702	5.13E-15	-2.63127	1	1 AC231656.1	_
ENSG00000264703	5.13E-15	-2.63127	1	1 MIR4752	_
ENSG00000264705	5.13E-15	-2.63127	1	1 RP11-674P19.2	_
ENSG00000264706	5.13E-15	-2.63127	1	1 RN7SL217P	_
ENSG00000264707	5.13E-15	-2.63127	1	1 RP11-760N9.1	_
ENSG00000264710	5.13E-15	-2.63127	1	1 RN7SL453P	_
ENSG00000264711	5.13E-15	-2.63127	1	1 AC007919.1	_
ENSG00000264712	5.13E-15	-2.63127	1	1 MIR4504	_
ENSG00000264713	5.13E-15	-2.63127	1	1 AC106878.1	_
ENSG00000264715	5.13E-15	-2.63127	1	1 AC104996.1	_
ENSG00000264716	5.13E-15	-2.63127	1	1 AC106827.2	_
ENSG00000264718	5.13E-15	-2.63127	1	1 AC007050.1	_
ENSG00000264720	5.13E-15	-2.63127	1	1 MIR3117	_
ENSG00000264721	5.13E-15	-2.63127	1	1 AC104592.1	_
ENSG00000264722	5.13E-15	-2.63127	1	1 MIR3670-2	_
ENSG00000264724	5.13E-15	-2.63127	1	1 AC099332.1	_
ENSG00000264725	5.13E-15	-2.63127	1	1 MIR3129	_
ENSG00000264726	5.13E-15	-2.63127	1	1 AL162711.1	_
ENSG00000264727	5.13E-15	-2.63127	1	1 RP11-680C21.1	_
ENSG00000264729	5.13E-15	-2.63127	1	1 RP11-219A15.2	_
ENSG00000264730	5.13E-15	-2.63127	1	1 AC017028.5	_
ENSG00000264731	5.13E-15	-2.63127	1	1 RN7SL175P	_
ENSG00000264732	5.13E-15	-2.63127	1	1 MIR4638	_
ENSG00000264733	5.13E-15	-2.63127	1	1 MIR4718	_
ENSG00000264734	5.13E-15	-2.63127	1	1 RP11-260A9.6	_
ENSG00000264736	5.13E-15	-2.63127	1	1 BDP1P	K15198
ENSG00000264737	5.13E-15	-2.63127	1	1 MIR4511	_
ENSG00000264739	5.13E-15	-2.63127	1	1 RP11-138I1.2	_

ENSG00000264740	5.13E-15	-2.63127	1	1 AC008064.1	--
ENSG00000264741	5.13E-15	-2.63127	1	1 MIR4505	--
ENSG00000264742	5.13E-15	-2.63127	1	1 AL021920.1	--
ENSG00000264744	5.13E-15	-2.63127	1	1 MIR3689C	--
ENSG00000264746	5.13E-15	-2.63127	1	1 AC004552.1	--
ENSG00000264747	5.13E-15	-2.63127	1	1 MIR3924	--
ENSG00000264748	5.13E-15	-2.63127	1	1 AC025470.1	--
ENSG00000264749	5.13E-15	-2.63127	1	1 AC011313.1	--
ENSG00000264750	5.13E-15	-2.63127	1	1 RP11-277J6.2	--
ENSG00000264752	5.13E-15	-2.63127	1	1 RN7SL90P	--
ENSG00000264753	5.13E-15	-2.63127	1	1 AL390036.1	--
ENSG00000264754	5.13E-15	-2.63127	1	1 CTD-2653B5.1	--
ENSG00000264755	5.13E-15	-2.63127	1	1 MIR3131	--
ENSG00000264757	5.13E-15	-2.63127	1	1 MIR3198-1	--
ENSG00000264758	5.13E-15	-2.63127	1	1 RN7SL161P	--
ENSG00000264759	5.13E-15	-2.63127	1	1 AC005000.2	--
ENSG00000264760	5.13E-15	-2.63127	1	1 MIR3141	--
ENSG00000264761	5.13E-15	-2.63127	1	1 RN7SL43P	--
ENSG00000264763	5.13E-15	-2.63127	1	1 MIR4295	--
ENSG00000264764	5.13E-15	-2.63127	1	1 MIR4772	--
ENSG00000264765	5.13E-15	-2.63127	1	1 RP11-92B11.4	--
ENSG00000264766	5.13E-15	-2.63127	1	1 AC079756.1	--
ENSG00000264767	5.13E-15	-2.63127	1	1 RN7SL237P	--
ENSG00000264768	5.13E-15	-2.63127	1	1 AL450304.1	--
ENSG00000264773	5.13E-15	-2.63127	1	1 MIR4420	--
ENSG00000264774	5.13E-15	-2.63127	1	1 AC099669.1	--
ENSG00000264775	5.13E-15	-2.63127	1	1 PPIAP14	K03767
ENSG00000264779	5.13E-15	-2.63127	1	1 AC107871.1	--
ENSG00000264780	5.13E-15	-2.63127	1	1 MIR4683	--
ENSG00000264781	5.13E-15	-2.63127	1	1 hsa-mir-4537	--
ENSG00000264783	5.13E-15	-2.63127	1	1 BX664739.1	--
ENSG00000264785	5.13E-15	-2.63127	1	1 RP11-311F12.2	--
ENSG00000264788	5.13E-15	-2.63127	1	1 MIR3148	--
ENSG00000264790	5.13E-15	-2.63127	1	1 RP11-26N15.2	--
ENSG00000264791	5.13E-15	-2.63127	1	1 CTC-304I17.2	--
ENSG00000264793	5.13E-15	-2.63127	1	1 MIR4771-1	--
ENSG00000264794	5.13E-15	-2.63127	1	1 AC024996.1	--
ENSG00000264796	5.13E-15	-2.63127	1	1 MIR5009	--
ENSG00000264797	5.13E-15	-2.63127	1	1 AL356756.1	--
ENSG00000264798	5.13E-15	-2.63127	1	1 AC105381.1	--
ENSG00000264799	5.13E-15	-2.63127	1	1 AC009892.1	--
ENSG00000264800	5.13E-15	-2.63127	1	1 MIR4294	--
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ENSG00000264803	5.13E-15	-2.63127	1	1 MIR378C	--
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ENSG00000264813	5.13E-15	-2.63127	1	1 ACE	K01283
ENSG00000264814	5.13E-15	-2.63127	1	1 MIR1273C	--
ENSG00000264815	5.13E-15	-2.63127	1	1 AF130343.1	--
ENSG00000264817	5.13E-15	-2.63127	1	1 MIR4741	--
ENSG00000264818	5.13E-15	-2.63127	1	1 MIR3714	--
ENSG00000264819	5.13E-15	-2.63127	1	1 BX649553.4	--
ENSG00000264823	5.13E-15	-2.63127	1	1 MIR3154	--
ENSG00000264824	5.13E-15	-2.63127	1	1 hsa-mir-5571	--
ENSG00000264825	5.13E-15	-2.63127	1	1 RP11-627G18.4	--
ENSG00000264831	5.13E-15	-2.63127	1	1 MIR4260	--

ENSG00000264833	5.13E-15	-2.63127	1	1 RN7SL468P	--
ENSG00000264834	5.13E-15	-2.63127	1	1 MIR1273F	--
ENSG00000264835	5.13E-15	-2.63127	1	1 RN7SL345P	--
ENSG00000264837	5.13E-15	-2.63127	1	1 VN1R71P	K04614
ENSG00000264838	5.13E-15	-2.63127	1	1 AP003305.1	--
ENSG00000264839	5.13E-15	-2.63127	1	1 AC113407.1	--
ENSG00000264840	5.13E-15	-2.63127	1	1 RN7SL404P	--
ENSG00000264841	5.13E-15	-2.63127	1	1 AC134729.1	--
ENSG00000264844	5.13E-15	-2.63127	1	1 AC018767.1	--
ENSG00000264845	5.13E-15	-2.63127	1	1 RP11-46514.3	--
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ENSG00000264856	5.13E-15	-2.63127	1	1 RN7SL206P	--
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ENSG00000264871	5.13E-15	-2.63127	1	1 AC104331.1	--
ENSG00000264874	5.13E-15	-2.63127	1	1 AC087499.8	K06630
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ENSG00000264916	5.13E-15	-2.63127	1	1 RN7SL230P	--
ENSG00000264921	5.13E-15	-2.63127	1	1 AC106771.1	--
ENSG00000264922	5.13E-15	-2.63127	1	1 MIR4540	--
ENSG00000264923	5.13E-15	-2.63127	1	1 RN7SL511P	--
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ENSG00000264925	5.13E-15	-2.63127	1	1 Z98949.1	--
ENSG00000264926	5.13E-15	-2.63127	1	1 MIR378F	--
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ENSG00000264946	5.13E-15	-2.63127	1	1 RN7SL197P	--
ENSG00000264948	5.13E-15	-2.63127	1	1 RN7SL639P	--
ENSG00000264949	5.13E-15	-2.63127	1	1 RN7SL412P	--
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ENSG00000264971	5.13E-15	-2.63127	1	1 RP11-110H1.1	--
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ENSG00000264973	5.13E-15	-2.63127	1	1 RN7SL701P	--
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ENSG00000264975	5.13E-15	-2.63127	1	1 MIR4431	--
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ENSG00000264982	5.13E-15	-2.63127	1	1 RP11-344B2.2	--
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ENSG00000265001	5.13E-15	-2.63127	1	1 AC092846.2	--
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ENSG00000265011	5.13E-15	-2.63127	1	1 RN7SL315P	--
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ENSG00000265020	5.13E-15	-2.63127	1	1 MIR4651	-
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ENSG00000265024	5.13E-15	-2.63127	1	1 AC073089.1	-
ENSG00000265028	5.13E-15	-2.63127	1	1 MIR4792	-
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ENSG00000265032	5.13E-15	-2.63127	1	1 AL132709.2	-
ENSG00000265033	5.13E-15	-2.63127	1	1 RN7SL262P	-
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ENSG00000265039	5.13E-15	-2.63127	1	1 AC107016.2	-
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ENSG00000265042	5.13E-15	-2.63127	1	1 AL137800.1	-
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ENSG00000265052	5.13E-15	-2.63127	1	1 RN7SL622P	-
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ENSG00000265060	5.13E-15	-2.63127	1	1 PPY2	K05234
ENSG00000265061	5.13E-15	-2.63127	1	1 MIR4419B	-
ENSG00000265062	5.13E-15	-2.63127	1	1 AL133228.1	-
ENSG00000265063	5.13E-15	-2.63127	1	1 AC009831.1	-
ENSG00000265064	5.13E-15	-2.63127	1	1 MIR4692	-
ENSG00000265067	5.13E-15	-2.63127	1	1 RN7SL707P	-
ENSG00000265070	5.13E-15	-2.63127	1	1 AC006115.1	-
ENSG00000265072	5.13E-15	-2.63127	1	1 MIR3652	-
ENSG00000265073	5.13E-15	-2.63127	1	1 AC010761.6	-
ENSG00000265075	5.13E-15	-2.63127	1	1 MIR3622B	-
ENSG00000265076	5.13E-15	-2.63127	1	1 AC016970.1	-
ENSG00000265077	5.13E-15	-2.63127	1	1 RN7SL54P	-
ENSG00000265078	5.13E-15	-2.63127	1	1 RN7SL664P	-
ENSG00000265080	5.13E-15	-2.63127	1	1 MIR4800	-
ENSG00000265081	5.13E-15	-2.63127	1	1 RN7SL102P	-
ENSG00000265082	5.13E-15	-2.63127	1	1 AL356213.1	-
ENSG00000265084	5.13E-15	-2.63127	1	1 AC092364.2	-
ENSG00000265085	5.13E-15	-2.63127	1	1 AC110810.1	-
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ENSG00000265087	5.13E-15	-2.63127	1	1 MIR4761	-
ENSG00000265090	5.13E-15	-2.63127	1	1 AC104637.1	-
ENSG00000265091	5.13E-15	-2.63127	1	1 RP11-835E18.5	-
ENSG00000265092	5.13E-15	-2.63127	1	1 MIR4484	-
ENSG00000265093	5.13E-15	-2.63127	1	1 RN7SL246P	-
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ENSG00000265097	5.13E-15	-2.63127	1	1 RBM22P1	-
ENSG00000265098	5.13E-15	-2.63127	1	1 MIR4510	-
ENSG00000265099	5.13E-15	-2.63127	1	1 RP11-344E13.1	-
ENSG00000265100	5.13E-15	-2.63127	1	1 RP11-147L13.2	-

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ENSG00000265102	5.13E-15	-2.63127	1	1 MIR3942	--
ENSG00000265104	5.13E-15	-2.63127	1	1 AC011416.1	--
ENSG00000265108	5.13E-15	-2.63127	1	1 AL357932.1	--
ENSG00000265109	5.13E-15	-2.63127	1	1 AC055811.1	--
ENSG00000265110	5.13E-15	-2.63127	1	1 MIR4731	--
ENSG00000265113	5.13E-15	-2.63127	1	1 RP11-7005.2	--
ENSG00000265114	5.13E-15	-2.63127	1	1 RP11-285M22.1	--
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ENSG00000265118	5.13E-15	-2.63127	1	1 CTD-2370N5.3	K16854
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ENSG00000265121	5.13E-15	-2.63127	1	1 RP11-285E9.5	--
ENSG00000265122	5.13E-15	-2.63127	1	1 AC010247.1	--
ENSG00000265125	5.13E-15	-2.63127	1	1 RP11-31I22.3	--
ENSG00000265127	5.13E-15	-2.63127	1	1 AC009080.1	--
ENSG00000265129	5.13E-15	-2.63127	1	1 AC064837.1	--
ENSG00000265130	5.13E-15	-2.63127	1	1 CTB-58E17.2	--
ENSG00000265132	5.13E-15	-2.63127	1	1 AC145141.2	--
ENSG00000265134	5.13E-15	-2.63127	1	1 MIR3191	--
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ENSG00000265140	5.13E-15	-2.63127	1	1 MIR4301	--
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ENSG00000265143	5.13E-15	-2.63127	1	1 RN7SL490P	--
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ENSG00000265155	5.13E-15	-2.63127	1	1 AC092104.3	--
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ENSG00000265164	5.13E-15	-2.63127	1	1 MIR2681	--
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ENSG00000265167	5.13E-15	-2.63127	1	1 AC009081.1	--
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ENSG00000265178	5.13E-15	-2.63127	1	1 MIR4728	--
ENSG00000265179	5.13E-15	-2.63127	1	1 RP11-672L10.2	--
ENSG00000265180	5.13E-15	-2.63127	1	1 MIR4790	--
ENSG00000265181	5.13E-15	-2.63127	1	1 MIR4674	--
ENSG00000265182	5.13E-15	-2.63127	1	1 SRP72P1	K03108
ENSG00000265186	5.13E-15	-2.63127	1	1 AC068706.2	--
ENSG00000265187	5.13E-15	-2.63127	1	1 AL109612.1	--
ENSG00000265188	5.13E-15	-2.63127	1	1 RP11-835E18.4	--
ENSG00000265189	5.13E-15	-2.63127	1	1 AC006080.1	--
ENSG00000265191	5.13E-15	-2.63127	1	1 RN7SL347P	--

ENSG00000265192	5.13E-15	-2.63127	1	1 RN7SL85P	--
ENSG00000265193	5.13E-15	-2.63127	1	1 MIR3923	--
ENSG00000265197	5.13E-15	-2.63127	1	1 AC053516.1	--
ENSG00000265199	5.13E-15	-2.63127	1	1 AL359218.1	--
ENSG00000265200	5.13E-15	-2.63127	1	1 AC090324.1	--
ENSG00000265201	5.13E-15	-2.63127	1	1 MIR4677	--
ENSG00000265204	5.13E-15	-2.63127	1	1 RP11-403A21.3	--
ENSG00000265205	5.13E-15	-2.63127	1	1 AC010761.13	--
ENSG00000265206	5.13E-15	-2.63127	1	1 MIR142	--
ENSG00000265208	5.13E-15	-2.63127	1	1 AC015600.1	--
ENSG00000265209	5.13E-15	-2.63127	1	1 AC010543.1	--
ENSG00000265210	5.13E-15	-2.63127	1	1 MIR4486	--
ENSG00000265211	5.13E-15	-2.63127	1	1 AL121865.1	--
ENSG00000265212	5.13E-15	-2.63127	1	1 AC007009.2	--
ENSG00000265213	5.13E-15	-2.63127	1	1 MIR3684	--
ENSG00000265214	5.13E-15	-2.63127	1	1 MIR4283-1	--
ENSG00000265215	5.13E-15	-2.63127	1	1 MIR4269	--
ENSG00000265216	5.13E-15	-2.63127	1	1 AL592310.1	--
ENSG00000265217	5.13E-15	-2.63127	1	1 RP11-775G23.1	--
ENSG00000265219	5.13E-15	-2.63127	1	1 AC011652.1	--
ENSG00000265222	5.13E-15	-2.63127	1	1 RP11-466A19.8	--
ENSG00000265224	5.13E-15	-2.63127	1	1 AC012353.1	--
ENSG00000265225	5.13E-15	-2.63127	1	1 AL118525.1	--
ENSG00000265226	5.13E-15	-2.63127	1	1 MIR548AI	--
ENSG00000265227	5.13E-15	-2.63127	1	1 MIR4699	--
ENSG00000265229	5.13E-15	-2.63127	1	1 RN7SL112P	--
ENSG00000265230	5.13E-15	-2.63127	1	1 RN7SL407P	--
ENSG00000265233	5.13E-15	-2.63127	1	1 AC144838.2	K19331
ENSG00000265235	5.13E-15	-2.63127	1	1 AC083908.1	--
ENSG00000265236	5.13E-15	-2.63127	1	1 SNORD84	--
ENSG00000265237	5.13E-15	-2.63127	1	1 MIR3142	--
ENSG00000265238	5.13E-15	-2.63127	1	1 MIR3614	--
ENSG00000265239	5.13E-15	-2.63127	1	1 AC073587.1	--
ENSG00000265240	5.13E-15	-2.63127	1	1 RP11-638L3.2	K18086
ENSG00000265244	5.13E-15	-2.63127	1	1 AL358340.1	--
ENSG00000265245	5.13E-15	-2.63127	1	1 AC073343.2	--
ENSG00000265246	5.13E-15	-2.63127	1	1 RP11-663N22.1	--
ENSG00000265247	5.13E-15	-2.63127	1	1 MIR4472-1	--
ENSG00000265249	5.13E-15	-2.63127	1	1 AC025280.1	--
ENSG00000265250	5.13E-15	-2.63127	1	1 AL132709.3	--
ENSG00000265251	5.13E-15	-2.63127	1	1 MIR4288	--
ENSG00000265252	5.13E-15	-2.63127	1	1 MIR3132	--
ENSG00000265253	5.13E-15	-2.63127	1	1 MIR4446	--
ENSG00000265254	5.13E-15	-2.63127	1	1 CTD-2350C19.2	--
ENSG00000265257	5.13E-15	-2.63127	1	1 RP11-21J18.1	--
ENSG00000265258	5.13E-15	-2.63127	1	1 MIR4686	--
ENSG00000265259	5.13E-15	-2.63127	1	1 RN7SL247P	--
ENSG00000265260	5.13E-15	-2.63127	1	1 RN7SL74P	--
ENSG00000265262	5.13E-15	-2.63127	1	1 RP11-180P8.2	K15448
ENSG00000265263	5.13E-15	-2.63127	1	1 RP11-135L13.4	--
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ENSG00000265266	5.13E-15	-2.63127	1	1 AC022681.1	--
ENSG00000265267	5.13E-15	-2.63127	1	1 AL121652.3	--
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ENSG00000265270	5.13E-15	-2.63127	1	1 AP000539.2	--
ENSG00000265272	5.13E-15	-2.63127	1	1 RN7SL693P	--
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ENSG00000265275	5.13E-15	-2.63127	1	1 AF104455.1	--

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ENSG00000265281	5.13E-15	-2.63127	1	1 MIR3935	--
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ENSG00000265285	5.13E-15	-2.63127	1	1 AL591379.1	--
ENSG00000265286	5.13E-15	-2.63127	1	1 AL603650.3	--
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ENSG00000265292	5.13E-15	-2.63127	1	1 RN7SL195P	--
ENSG00000265294	5.13E-15	-2.63127	1	1 AL671883.1	--
ENSG00000265295	5.13E-15	-2.63127	1	1 AC084125.3	--
ENSG00000265296	5.13E-15	-2.63127	1	1 FEM1AP2	--
ENSG00000265300	5.13E-15	-2.63127	1	1 AC007731.1	--
ENSG00000265301	5.13E-15	-2.63127	1	1 MIR548AD	--
ENSG00000265303	5.13E-15	-2.63127	1	1 CTD-2510F5.6	K18734
ENSG00000265304	5.13E-15	-2.63127	1	1 MIR3650	--
ENSG00000265306	5.13E-15	-2.63127	1	1 hsa-mir-3195	--
ENSG00000265311	5.13E-15	-2.63127	1	1 AL020993.1	--
ENSG00000265313	5.13E-15	-2.63127	1	1 RP11-567L7.6	--
ENSG00000265315	5.13E-15	-2.63127	1	1 RN7SL199P	--
ENSG00000265316	5.13E-15	-2.63127	1	1 RP11-286N3.1	--
ENSG00000265319	5.13E-15	-2.63127	1	1 RN7SL847P	--
ENSG00000265320	5.13E-15	-2.63127	1	1 AL391650.1	--
ENSG00000265322	5.13E-15	-2.63127	1	1 MIR3118-6	--
ENSG00000265324	5.13E-15	-2.63127	1	1 AC005020.1	--
ENSG00000265327	5.13E-15	-2.63127	1	1 RN7SL411P	--
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ENSG00000265329	5.13E-15	-2.63127	1	1 MIR4758	--
ENSG00000265330	5.13E-15	-2.63127	1	1 AC034187.4	--
ENSG00000265331	5.13E-15	-2.63127	1	1 MIR4524B	--
ENSG00000265332	5.13E-15	-2.63127	1	1 AC017028.6	--
ENSG00000265333	5.13E-15	-2.63127	1	1 MIR3137	--
ENSG00000265334	5.13E-15	-2.63127	1	1 CTD-2349P21.11	--
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ENSG00000265339	5.13E-15	-2.63127	1	1 AC011477.1	--
ENSG00000265340	5.13E-15	-2.63127	1	1 OR4K7P	K04257
ENSG00000265341	5.13E-15	-2.63127	1	1 AC092332.1	--
ENSG00000265344	5.13E-15	-2.63127	1	1 AP001992.1	--
ENSG00000265347	5.13E-15	-2.63127	1	1 MIR4291	--
ENSG00000265349	5.13E-15	-2.63127	1	1 RP11-55L4.2	--
ENSG00000265350	5.13E-15	-2.63127	1	1 RN7SL355P	--
ENSG00000265352	5.13E-15	-2.63127	1	1 RP11-723G8.2	--
ENSG00000265353	5.13E-15	-2.63127	1	1 AC020895.1	--
ENSG00000265355	5.13E-15	-2.63127	1	1 MIR3136	--
ENSG00000265356	5.13E-15	-2.63127	1	1 RP11-17M24.1	--
ENSG00000265357	5.13E-15	-2.63127	1	1 MIR4493	--
ENSG00000265359	5.13E-15	-2.63127	1	1 RP5-1110E20.1	--
ENSG00000265361	5.13E-15	-2.63127	1	1 RN7SL867P	--
ENSG00000265362	5.13E-15	-2.63127	1	1 AL358133.1	--
ENSG00000265364	5.13E-15	-2.63127	1	1 AC010323.1	--
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ENSG00000265368	5.13E-15	-2.63127	1	1 MIR4476	--
ENSG00000265370	5.13E-15	-2.63127	1	1 MIR4682	--
ENSG00000265371	5.13E-15	-2.63127	1	1 MIR3198-2	--
ENSG00000265372	5.13E-15	-2.63127	1	1 MIR4675	--
ENSG00000265373	5.13E-15	-2.63127	1	1 hsa-mir-3180-3	--
ENSG00000265374	5.13E-15	-2.63127	1	1 RP11-57J16.1	--
ENSG00000265375	5.13E-15	-2.63127	1	1 MIR4679-2	--
ENSG00000265376	5.13E-15	-2.63127	1	1 hsa-mir-466	--

ENSG00000265378	5.13E-15	-2.63127	1	1 RP11-123I22.1	--
ENSG00000265379	5.13E-15	-2.63127	1	1 AC008752.2	--
ENSG00000265380	5.13E-15	-2.63127	1	1 RP11-126K15.1	--
ENSG00000265381	5.13E-15	-2.63127	1	1 AL121987.1	--
ENSG00000265382	5.13E-15	-2.63127	1	1 RN7SL365P	--
ENSG00000265388	5.13E-15	-2.63127	1	1 RN7SL391P	--
ENSG00000265390	5.13E-15	-2.63127	1	1 MIR4999	--
ENSG00000265391	5.13E-15	-2.63127	1	1 AC112504.1	--
ENSG00000265392	5.13E-15	-2.63127	1	1 MIR4252	--
ENSG00000265396	5.13E-15	-2.63127	1	1 MIR3128	--
ENSG00000265398	5.13E-15	-2.63127	1	1 AL139239.1	--
ENSG00000265400	5.13E-15	-2.63127	1	1 RP11-471L13.2	--
ENSG00000265401	5.13E-15	-2.63127	1	1 RP11-138I1.4	--
ENSG00000265402	5.13E-15	-2.63127	1	1 RSL24D1P9	K02896
ENSG00000265404	5.13E-15	-2.63127	1	1 AC099796.1	--
ENSG00000265406	5.13E-15	-2.63127	1	1 AP000539.3	--
ENSG00000265408	5.13E-15	-2.63127	1	1 RP11-361L15.4	--
ENSG00000265411	5.13E-15	-2.63127	1	1 RN7SL656P	--
ENSG00000265414	5.13E-15	-2.63127	1	1 RN7SL729P	--
ENSG00000265416	5.13E-15	-2.63127	1	1 AC017028.7	--
ENSG00000265418	5.13E-15	-2.63127	1	1 MIR4261	--
ENSG00000265419	5.13E-15	-2.63127	1	1 AL359987.1	--
ENSG00000265420	5.13E-15	-2.63127	1	1 MIR4779	--
ENSG00000265421	5.13E-15	-2.63127	1	1 MIR4459	--
ENSG00000265422	5.13E-15	-2.63127	1	1 MIR4684	--
ENSG00000265423	5.13E-15	-2.63127	1	1 MIR4652	--
ENSG00000265428	5.13E-15	-2.63127	1	1 RP1-56K13.6	--
ENSG00000265429	5.13E-15	-2.63127	1	1 MIR4782	--
ENSG00000265430	5.13E-15	-2.63127	1	1 AC108721.1	--
ENSG00000265432	5.13E-15	-2.63127	1	1 MIR4308	--
ENSG00000265433	5.13E-15	-2.63127	1	1 MIR4447	--
ENSG00000265435	5.13E-15	-2.63127	1	1 MIR3121	--
ENSG00000265438	5.13E-15	-2.63127	1	1 MIR4751	--
ENSG00000265439	5.13E-15	-2.63127	1	1 RN7SL811P	--
ENSG00000265441	5.13E-15	-2.63127	1	1 AL132768.1	--
ENSG00000265442	5.13E-15	-2.63127	1	1 MIR3941	--
ENSG00000265443	5.13E-15	-2.63127	1	1 CTD-2349P21.6	--
ENSG00000265444	5.13E-15	-2.63127	1	1 MIR4733	--
ENSG00000265453	5.13E-15	-2.63127	1	1 RP11-173M1.3	--
ENSG00000265454	5.13E-15	-2.63127	1	1 AC012362.1	--
ENSG00000265455	5.13E-15	-2.63127	1	1 MIR4700	--
ENSG00000265456	5.13E-15	-2.63127	1	1 MIR3672	--
ENSG00000265457	5.13E-15	-2.63127	1	1 AC093611.2	--
ENSG00000265460	5.13E-15	-2.63127	1	1 RP11-690G19.4	K09275
ENSG00000265461	5.13E-15	-2.63127	1	1 AC068014.2	--
ENSG00000265466	5.13E-15	-2.63127	1	1 AL583842.2	--
ENSG00000265467	5.13E-15	-2.63127	1	1 AC090559.1	--
ENSG00000265469	5.13E-15	-2.63127	1	1 POLR3KP2	K03019
ENSG00000265470	5.13E-15	-2.63127	1	1 MIR548AQ	--
ENSG00000265471	5.13E-15	-2.63127	1	1 AL034400.1	--
ENSG00000265472	5.13E-15	-2.63127	1	1 RP11-28O3.1	--
ENSG00000265477	5.13E-15	-2.63127	1	1 RP11-720L2.2	--
ENSG00000265479	5.13E-15	-2.63127	1	1 DTX2P1-UPK3BP1-	--
ENSG00000265481	5.13E-15	-2.63127	1	1 AP006564.1	--
ENSG00000265483	5.13E-15	-2.63127	1	1 MIR4443	--
ENSG00000265484	5.13E-15	-2.63127	1	1 RP11-47G4.2	--
ENSG00000265486	5.13E-15	-2.63127	1	1 RN7SL518P	--
ENSG00000265487	5.13E-15	-2.63127	1	1 RP11-793A3.1	--

ENSG00000265488	5.13E-15	-2.63127	1	1 AL359314.1	--
ENSG00000265489	5.13E-15	-2.63127	1	1 RP11-1090M7.1	--
ENSG00000265493	5.13E-15	-2.63127	1	1 AC105914.1	--
ENSG00000265494	5.13E-15	-2.63127	1	1 RP11-131K5.2	--
ENSG00000265498	5.13E-15	-2.63127	1	1 AL158051.1	--
ENSG00000265499	5.13E-15	-2.63127	1	1 MIR3156-2	--
ENSG00000265501	5.13E-15	-2.63127	1	1 AC005549.2	--
ENSG00000265502	5.13E-15	-2.63127	1	1 RN7SL746P	--
ENSG00000265503	5.13E-15	-2.63127	1	1 MIR1269B	--
ENSG00000265504	5.13E-15	-2.63127	1	1 AC130689.1	--
ENSG00000265506	5.13E-15	-2.63127	1	1 AC004656.1	--
ENSG00000265510	5.13E-15	-2.63127	1	1 MIR4436A	--
ENSG00000265513	5.13E-15	-2.63127	1	1 hsa-mir-3673	--
ENSG00000265514	5.13E-15	-2.63127	1	1 RP11-92G19.2	--
ENSG00000265515	5.13E-15	-2.63127	1	1 AC092287.1	--
ENSG00000265516	5.13E-15	-2.63127	1	1 Z84488.1	--
ENSG00000265517	5.13E-15	-2.63127	1	1 AL122127.2	--
ENSG00000265518	5.13E-15	-2.63127	1	1 AL109615.1	--
ENSG00000265519	5.13E-15	-2.63127	1	1 CTD-3157E16.1	--
ENSG00000265520	5.13E-15	-2.63127	1	1 MIR548V	--
ENSG00000265521	5.13E-15	-2.63127	1	1 MIR5697	--
ENSG00000265522	5.13E-15	-2.63127	1	1 AC097473.1	--
ENSG00000265523	5.13E-15	-2.63127	1	1 AC073647.1	--
ENSG00000265524	5.13E-15	-2.63127	1	1 AC134300.1	--
ENSG00000265526	5.13E-15	-2.63127	1	1 MIR4304	--
ENSG00000265529	5.13E-15	-2.63127	1	1 AL031721.1	--
ENSG00000265530	5.13E-15	-2.63127	1	1 AL121594.1	--
ENSG00000265532	5.13E-15	-2.63127	1	1 RN7SL243P	--
ENSG00000265533	5.13E-15	-2.63127	1	1 RP11-638L3.1	--
ENSG00000265534	5.13E-15	-2.63127	1	1 AL512638.1	--
ENSG00000265535	5.13E-15	-2.63127	1	1 RN7SL475P	--
ENSG00000265536	5.13E-15	-2.63127	1	1 AL591042.1	--
ENSG00000265537	5.13E-15	-2.63127	1	1 hsa-mir-3180-3	--
ENSG00000265538	5.13E-15	-2.63127	1	1 MIR4421	--
ENSG00000265539	5.13E-15	-2.63127	1	1 MIR3164	--
ENSG00000265541	5.13E-15	-2.63127	1	1 H3F3BP2	K11253
ENSG00000265542	5.13E-15	-2.63127	1	1 RP11-60A24.3	--
ENSG00000265543	5.13E-15	-2.63127	1	1 AL451010.1	--
ENSG00000265544	5.13E-15	-2.63127	1	1 RP11-31I22.1	--
ENSG00000265545	5.13E-15	-2.63127	1	1 RP11-183C12.1	K03872
ENSG00000265546	5.13E-15	-2.63127	1	1 RN7SL289P	--
ENSG00000265547	5.13E-15	-2.63127	1	1 RP11-293E1.2	--
ENSG00000265550	5.13E-15	-2.63127	1	1 AC097382.1	--
ENSG00000265552	5.13E-15	-2.63127	1	1 RP11-958F21.3	--
ENSG00000265553	5.13E-15	-2.63127	1	1 AC013275.1	--
ENSG00000265554	5.13E-15	-2.63127	1	1 RP11-419J16.1	--
ENSG00000265555	5.13E-15	-2.63127	1	1 RP11-638L3.3	--
ENSG00000265556	5.13E-15	-2.63127	1	1 RP11-434D2.2	--
ENSG00000265558	5.13E-15	-2.63127	1	1 MIR3918	--
ENSG00000265559	5.13E-15	-2.63127	1	1 RN7SL652P	--
ENSG00000265560	5.13E-15	-2.63127	1	1 AC098612.1	--
ENSG00000265561	5.13E-15	-2.63127	1	1 AC025458.1	--
ENSG00000265562	5.13E-15	-2.63127	1	1 AC104037.1	--
ENSG00000265564	5.13E-15	-2.63127	1	1 PIGPP4	K03861
ENSG00000265565	5.13E-15	-2.63127	1	1 MIR3143	--
ENSG00000265566	5.13E-15	-2.63127	1	1 RN7SL605P	--
ENSG00000265567	5.13E-15	-2.63127	1	1 RP11-1109M24.13	--
ENSG00000265568	5.13E-15	-2.63127	1	1 AC091043.1	--

ENSG00000265569	5.13E-15	-2.63127	1	1 AC011453.1	--
ENSG00000265572	5.13E-15	-2.63127	1	1 AL391117.1	--
ENSG00000265573	5.13E-15	-2.63127	1	1 AC004943.1	--
ENSG00000265575	5.13E-15	-2.63127	1	1 MIR4784	--
ENSG00000265577	5.13E-15	-2.63127	1	1 RN7SL9P	--
ENSG00000265579	5.13E-15	-2.63127	1	1 RP11-713C5.1	--
ENSG00000265580	5.13E-15	-2.63127	1	1 AC091042.1	--
ENSG00000265582	5.13E-15	-2.63127	1	1 AL034553.1	--
ENSG00000265583	5.13E-15	-2.63127	1	1 AC011994.1	--
ENSG00000265584	5.13E-15	-2.63127	1	1 MIR3978	--
ENSG00000265585	5.13E-15	-2.63127	1	1 AL161421.1	--
ENSG00000265587	5.13E-15	-2.63127	1	1 AC068580.1	--
ENSG00000265588	5.13E-15	-2.63127	1	1 MIR5708	--
ENSG00000265589	5.13E-15	-2.63127	1	1 AL359753.1	--
ENSG00000265591	5.13E-15	-2.63127	1	1 AC119751.5	--
ENSG00000265592	5.13E-15	-2.63127	1	1 RN7SL92P	--
ENSG00000265593	5.13E-15	-2.63127	1	1 NPM1P45	K11276
ENSG00000265595	5.13E-15	-2.63127	1	1 MIR4756	--
ENSG00000265596	5.13E-15	-2.63127	1	1 MIR3659	--
ENSG00000265597	5.13E-15	-2.63127	1	1 AL590764.1	--
ENSG00000265598	5.13E-15	-2.63127	1	1 MIR5707	--
ENSG00000265599	5.13E-15	-2.63127	1	1 MIR4471	--
ENSG00000265600	5.13E-15	-2.63127	1	1 AC006480.1	--
ENSG00000265601	5.13E-15	-2.63127	1	1 AL845321.1	--
ENSG00000265603	5.13E-15	-2.63127	1	1 RN7SL133P	--
ENSG00000265605	5.13E-15	-2.63127	1	1 RN7SL422P	--
ENSG00000265606	5.13E-15	-2.63127	1	1 MIR4695	--
ENSG00000265610	5.13E-15	-2.63127	1	1 CR536603.1	--
ENSG00000265612	5.13E-15	-2.63127	1	1 hsa-mir-4539	--
ENSG00000265613	5.13E-15	-2.63127	1	1 AC143336.1	--
ENSG00000265614	5.13E-15	-2.63127	1	1 RP11-521P1.1	--
ENSG00000265615	5.13E-15	-2.63127	1	1 AC108105.1	--
ENSG00000265616	5.13E-15	-2.63127	1	1 AC136932.2	--
ENSG00000265617	5.13E-15	-2.63127	1	1 MIR548AG2	--
ENSG00000265618	5.13E-15	-2.63127	1	1 CTB-96E2.7	--
ENSG00000265619	5.13E-15	-2.63127	1	1 AC093824.1	--
ENSG00000265621	5.13E-15	-2.63127	1	1 AC013476.1	--
ENSG00000265623	5.13E-15	-2.63127	1	1 MIR3139	--
ENSG00000265624	5.13E-15	-2.63127	1	1 RN7SL166P	--
ENSG00000265626	5.13E-15	-2.63127	1	1 AC139085.2	K02985
ENSG00000265627	5.13E-15	-2.63127	1	1 AC093807.1	--
ENSG00000265628	5.13E-15	-2.63127	1	1 RN7SL723P	--
ENSG00000265629	5.13E-15	-2.63127	1	1 AC011897.1	--
ENSG00000265631	5.13E-15	-2.63127	1	1 BNIP3P3	K15464
ENSG00000265632	5.13E-15	-2.63127	1	1 AC069240.1	--
ENSG00000265635	5.13E-15	-2.63127	1	1 MIR3612	--
ENSG00000265636	5.13E-15	-2.63127	1	1 AC100787.1	--
ENSG00000265637	5.13E-15	-2.63127	1	1 AC010235.1	--
ENSG00000265639	5.13E-15	-2.63127	1	1 RP11-529J17.1	--
ENSG00000265641	5.13E-15	-2.63127	1	1 MIR3929	--
ENSG00000265642	5.13E-15	-2.63127	1	1 AL034375.1	--
ENSG00000265643	5.13E-15	-2.63127	1	1 RP11-465I4.2	--
ENSG00000265644	5.13E-15	-2.63127	1	1 RP11-451L19.1	--
ENSG00000265645	5.13E-15	-2.63127	1	1 AC092038.2	--
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ENSG00000265649	5.13E-15	-2.63127	1	1 MIR4709	--
ENSG00000265650	5.13E-15	-2.63127	1	1 AC012627.1	--
ENSG00000265653	5.13E-15	-2.63127	1	1 MIR548AK	--

ENSG00000265655	5.13E-15	-2.63127	1	1 AC069280.1	--
ENSG00000265657	5.13E-15	-2.63127	1	1 MIR3151	--
ENSG00000265658	5.13E-15	-2.63127	1	1 MIR3690	--
ENSG00000265662	5.13E-15	-2.63127	1	1 AL354981.1	--
ENSG00000265664	5.13E-15	-2.63127	1	1 RP11-74H8.1	--
ENSG00000265665	5.13E-15	-2.63127	1	1 AC008391.1	--
ENSG00000265667	5.13E-15	-2.63127	1	1 AP003550.1	--
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ENSG00000265670	5.13E-15	-2.63127	1	1 RP11-25I11.1	--
ENSG00000265671	5.13E-15	-2.63127	1	1 RP11-672L10.3	--
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ENSG00000265673	5.13E-15	-2.63127	1	1 MIR4508	--
ENSG00000265675	5.13E-15	-2.63127	1	1 RN7SL708P	--
ENSG00000265676	5.13E-15	-2.63127	1	1 RN7SL64P	--
ENSG00000265679	5.13E-15	-2.63127	1	1 AL139328.1	--
ENSG00000265680	5.13E-15	-2.63127	1	1 RN7SL620P	--
ENSG00000265682	5.13E-15	-2.63127	1	1 MIR4267	--
ENSG00000265684	5.13E-15	-2.63127	1	1 RN7SL378P	--
ENSG00000265686	5.13E-15	-2.63127	1	1 AL109749.1	--
ENSG00000265687	5.13E-15	-2.63127	1	1 AC016178.1	--
ENSG00000265689	5.13E-15	-2.63127	1	1 RP11-118G23.1	--
ENSG00000265690	5.13E-15	-2.63127	1	1 RP11-5A19.5	K09417
ENSG00000265691	5.13E-15	-2.63127	1	1 MIR4460	--
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ENSG00000265694	5.13E-15	-2.63127	1	1 MIR4774	--
ENSG00000265695	5.13E-15	-2.63127	1	1 MIR3064	--
ENSG00000265696	5.13E-15	-2.63127	1	1 AP003064.2	--
ENSG00000265697	5.13E-15	-2.63127	1	1 RP11-31I22.4	--
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ENSG00000265699	5.13E-15	-2.63127	1	1 MIR548AE2	--
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ENSG00000265709	5.13E-15	-2.63127	1	1 AC019046.1	--
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ENSG00000265712	5.13E-15	-2.63127	1	1 RP11-440L16.1	--
ENSG00000265714	5.13E-15	-2.63127	1	1 AL122127.3	--
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ENSG00000265719	5.13E-15	-2.63127	1	1 MIR4681	--
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ENSG00000265722	5.13E-15	-2.63127	1	1 AC099326.1	--
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ENSG00000265730	5.13E-15	-2.63127	1	1 AC090349.1	--
ENSG00000265731	5.13E-15	-2.63127	1	1 RN7SL522P	--
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ENSG00000265735	5.13E-15	-2.63127	1	1 RN7SL5P	--
ENSG00000265736	5.13E-15	-2.63127	1	1 AL049539.1	--
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ENSG00000265740	5.13E-15	-2.63127	1	1 RN7SL339P	--
ENSG00000265741	5.13E-15	-2.63127	1	1 RN7SL406P	--
ENSG00000265743	5.13E-15	-2.63127	1	1 RP11-848P1.3	--

ENSG00000265744	5.13E-15	-2.63127	1	1 MIR4427	--
ENSG00000265745	5.13E-15	-2.63127	1	1 RN7SL375P	--
ENSG00000265746	5.13E-15	-2.63127	1	1 KYNUP2	K01556
ENSG00000265747	5.13E-15	-2.63127	1	1 RN7SL298P	--
ENSG00000265748	5.13E-15	-2.63127	1	1 AC125387.1	--
ENSG00000265751	5.13E-15	-2.63127	1	1 RP11-296E23.1	--
ENSG00000265753	5.13E-15	-2.63127	1	1 RN7SL444P	--
ENSG00000265758	5.13E-15	-2.63127	1	1 RP11-595B24.1	--
ENSG00000265759	5.13E-15	-2.63127	1	1 AC020934.1	--
ENSG00000265764	5.13E-15	-2.63127	1	1 AL662890.3	--
ENSG00000265766	5.13E-15	-2.63127	1	1 CXADRP3	--
ENSG00000265767	5.13E-15	-2.63127	1	1 MIR4745	--
ENSG00000265768	5.13E-15	-2.63127	1	1 MIR4506	--
ENSG00000265769	5.13E-15	-2.63127	1	1 AL589663.1	--
ENSG00000265770	5.13E-15	-2.63127	1	1 RN7SL660P	--
ENSG00000265771	5.13E-15	-2.63127	1	1 AL592205.2	--
ENSG00000265774	5.13E-15	-2.63127	1	1 AC098870.1	--
ENSG00000265775	5.13E-15	-2.63127	1	1 CTC-304I17.3	--
ENSG00000265776	5.13E-15	-2.63127	1	1 hsa-mir-3670-2	--
ENSG00000265777	5.13E-15	-2.63127	1	1 RN7SL624P	--
ENSG00000265778	5.13E-15	-2.63127	1	1 RP11-17M16.2	--
ENSG00000265780	5.13E-15	-2.63127	1	1 RP11-449L23.3	--
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ENSG00000265786	5.13E-15	-2.63127	1	1 RP11-527H14.6	--
ENSG00000265787	5.13E-15	-2.63127	1	1 CYP4F35P	--
ENSG00000265788	5.13E-15	-2.63127	1	1 RP11-19P22.5	--
ENSG00000265789	5.13E-15	-2.63127	1	1 MIR4330	--
ENSG00000265790	5.13E-15	-2.63127	1	1 RNASEH1P1	K03469
ENSG00000265793	5.13E-15	-2.63127	1	1 MIR3118-4	--
ENSG00000265794	5.13E-15	-2.63127	1	1 RP11-227G15.3	--
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ENSG00000265799	5.13E-15	-2.63127	1	1 RP11-387H17.6	--
ENSG00000265801	5.13E-15	-2.63127	1	1 RP11-720N19.2	--
ENSG00000265803	5.13E-15	-2.63127	1	1 AL590703.1	--
ENSG00000265804	5.13E-15	-2.63127	1	1 AC078864.2	--
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ENSG00000265813	5.13E-15	-2.63127	1	1 RN7SL300P	--
ENSG00000265814	5.13E-15	-2.63127	1	1 RN7SL376P	--
ENSG00000265815	5.13E-15	-2.63127	1	1 MIR1273G	--
ENSG00000265818	5.13E-15	-2.63127	1	1 EEF1E1-BLOC1S5	K15439
ENSG00000265819	5.13E-15	-2.63127	1	1 AC092832.1	--
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ENSG00000265822	5.13E-15	-2.63127	1	1 MIR4422	--
ENSG00000265824	5.13E-15	-2.63127	1	1 RN7SL232P	--
ENSG00000265826	5.13E-15	-2.63127	1	1 AC087203.1	--
ENSG00000265827	5.13E-15	-2.63127	1	1 MIR4680	--
ENSG00000265828	5.13E-15	-2.63127	1	1 MIR3939	--
ENSG00000265829	5.13E-15	-2.63127	1	1 MIR548AG1	--
ENSG00000265831	5.13E-15	-2.63127	1	1 MIR3123	--
ENSG00000265833	5.13E-15	-2.63127	1	1 RP1-66C13.1	K08495
ENSG00000265835	5.13E-15	-2.63127	1	1 AC009800.1	--
ENSG00000265836	5.13E-15	-2.63127	1	1 AC139085.1	K10152
ENSG00000265837	5.13E-15	-2.63127	1	1 AC015820.1	--
ENSG00000265839	5.13E-15	-2.63127	1	1 RN7SL360P	--
ENSG00000265840	5.13E-15	-2.63127	1	1 AC010761.10	--

ENSG00000265841	5.13E-15	-2.63127	1	1 MIR548X	--
ENSG00000265842	5.13E-15	-2.63127	1	1 RN7SL53P	--
ENSG00000265844	5.13E-15	-2.63127	1	1 RP11-751H17.1	--
ENSG00000265845	5.13E-15	-2.63127	1	1 RP11-20B24.5	--
ENSG00000265846	5.13E-15	-2.63127	1	1 MIR4276	--
ENSG00000265847	5.13E-15	-2.63127	1	1 MIR4287	--
ENSG00000265848	5.13E-15	-2.63127	1	1 MIR3689D1	--
ENSG00000265850	5.13E-15	-2.63127	1	1 MIR4797	--
ENSG00000265853	5.13E-15	-2.63127	1	1 RP1-48J14.1	--
ENSG00000265855	5.13E-15	-2.63127	1	1 MIR4514	--
ENSG00000265856	5.13E-15	-2.63127	1	1 AL133153.1	--
ENSG00000265858	5.13E-15	-2.63127	1	1 AL031176.1	--
ENSG00000265859	5.13E-15	-2.63127	1	1 MIR5704	--
ENSG00000265860	5.13E-15	-2.63127	1	1 RN7SL548P	--
ENSG00000265861	5.13E-15	-2.63127	1	1 MIR4495	--
ENSG00000265863	5.13E-15	-2.63127	1	1 RP11-805L22.2	K12581
ENSG00000265864	5.13E-15	-2.63127	1	1 AC092117.2	--
ENSG00000265865	5.13E-15	-2.63127	1	1 AC069285.1	--
ENSG00000265866	5.13E-15	-2.63127	1	1 AC067805.1	--
ENSG00000265867	5.13E-15	-2.63127	1	1 MIR4516	--
ENSG00000265868	5.13E-15	-2.63127	1	1 RN7SL436P	--
ENSG00000265869	5.13E-15	-2.63127	1	1 RP11-76K13.2	--
ENSG00000265870	5.13E-15	-2.63127	1	1 AC026166.1	--
ENSG00000265871	5.13E-15	-2.63127	1	1 MIR3174	--
ENSG00000265872	5.13E-15	-2.63127	1	1 MIR3689A	--
ENSG00000265873	5.13E-15	-2.63127	1	1 MIR4289	--
ENSG00000265874	5.13E-15	-2.63127	1	1 MIR4489	--
ENSG00000265875	5.13E-15	-2.63127	1	1 AC011357.1	--
ENSG00000265876	5.13E-15	-2.63127	1	1 AC080080.1	--
ENSG00000265878	5.13E-15	-2.63127	1	1 MIR3914-1	--
ENSG00000265881	5.13E-15	-2.63127	1	1 PDLIM1P2	--
ENSG00000265882	5.13E-15	-2.63127	1	1 RN7SL73P	--
ENSG00000265883	5.13E-15	-2.63127	1	1 RP11-169I9.2	K18194
ENSG00000265885	5.13E-15	-2.63127	1	1 RN7SL783P	--
ENSG00000265887	5.13E-15	-2.63127	1	1 AC073136.1	--
ENSG00000265890	5.13E-15	-2.63127	1	1 RN7SL537P	--
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ENSG00000265892	5.13E-15	-2.63127	1	1 RN7SL311P	--
ENSG00000265893	5.13E-15	-2.63127	1	1 AL132772.1	--
ENSG00000265894	5.13E-15	-2.63127	1	1 RN7SL357P	--
ENSG00000265898	5.13E-15	-2.63127	1	1 AP003354.1	--
ENSG00000265899	5.13E-15	-2.63127	1	1 AC007389.4	--
ENSG00000265900	5.13E-15	-2.63127	1	1 RN7SL226P	--
ENSG00000265901	5.13E-15	-2.63127	1	1 AC097493.1	--
ENSG00000265902	5.13E-15	-2.63127	1	1 MIR4696	--
ENSG00000265904	5.13E-15	-2.63127	1	1 AC005288.1	--
ENSG00000265905	5.13E-15	-2.63127	1	1 RN7SL96P	--
ENSG00000265910	5.13E-15	-2.63127	1	1 AC090559.2	--
ENSG00000265911	5.13E-15	-2.63127	1	1 AC117422.1	--
ENSG00000265916	5.13E-15	-2.63127	1	1 RP11-434D2.9	--
ENSG00000265918	5.13E-15	-2.63127	1	1 RN7SL543P	--
ENSG00000265919	5.13E-15	-2.63127	1	1 MIR4280	--
ENSG00000265924	5.13E-15	-2.63127	1	1 MIR5692C1	--
ENSG00000265927	5.13E-15	-2.63127	1	1 CTD-2532D12.5	--
ENSG00000265929	5.13E-15	-2.63127	1	1 hsa-mir-5195	--
ENSG00000265930	5.13E-15	-2.63127	1	1 MIR4734	--
ENSG00000265931	5.13E-15	-2.63127	1	1 AC112719.1	--
ENSG00000265934	5.13E-15	-2.63127	1	1 ARL2BPP1	K16742

ENSG00000265935	5.13E-15	-2.63127	1	1 RP11-277J6.3	-
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ENSG00000265940	5.13E-15	-2.63127	1	1 AC103974.1	-
ENSG00000265942	5.13E-15	-2.63127	1	1 RN7SL577P	-
ENSG00000265945	5.13E-15	-2.63127	1	1 RN7SL721P	-
ENSG00000265946	5.13E-15	-2.63127	1	1 RP11-752P2.2	K15409
ENSG00000265953	5.13E-15	-2.63127	1	1 AC092463.1	-
ENSG00000265954	5.13E-15	-2.63127	1	1 MIR4749	-
ENSG00000265956	5.13E-15	-2.63127	1	1 MIR4445	-
ENSG00000265957	5.13E-15	-2.63127	1	1 MIR4319	-
ENSG00000265959	5.13E-15	-2.63127	1	1 AL354720.1	-
ENSG00000265960	5.13E-15	-2.63127	1	1 AL365181.1	-
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ENSG00000265965	5.13E-15	-2.63127	1	1 MIR4266	-
ENSG00000265967	5.13E-15	-2.63127	1	1 AC100830.4	-
ENSG00000265968	5.13E-15	-2.63127	1	1 RN7SL103P	-
ENSG00000265971	5.13E-15	-2.63127	1	1 RP11-269G24.6	-
ENSG00000265975	5.13E-15	-2.63127	1	1 CTB-41I6.2	-
ENSG00000265976	5.13E-15	-2.63127	1	1 MIR4725	-
ENSG00000265977	5.13E-15	-2.63127	1	1 AL450307.2	-
ENSG00000265978	5.13E-15	-2.63127	1	1 AL008721.1	-
ENSG00000265979	5.13E-15	-2.63127	1	1 AC017028.9	-
ENSG00000265980	5.13E-15	-2.63127	1	1 CTD-2515C13.2	-
ENSG00000265981	5.13E-15	-2.63127	1	1 MIR544B	-
ENSG00000265985	5.13E-15	-2.63127	1	1 AC005686.1	-
ENSG00000265986	5.13E-15	-2.63127	1	1 MIR4735	-
ENSG00000265990	5.13E-15	-2.63127	1	1 AL356154.1	-
ENSG00000265991	5.13E-15	-2.63127	1	1 MIR4519	-
ENSG00000265992	5.13E-15	-2.63127	1	1 ESRG	-
ENSG00000265993	5.13E-15	-2.63127	1	1 MIR5694	-
ENSG00000265994	5.13E-15	-2.63127	1	1 RP11-510D21.1	-
ENSG00000265995	5.13E-15	-2.63127	1	1 RP11-736G13.1	-
ENSG00000265997	5.13E-15	-2.63127	1	1 RN7SL852P	-
ENSG00000265999	5.13E-15	-2.63127	1	1 AL499628.1	-
ENSG00000266000	5.13E-15	-2.63127	1	1 AL731561.2	-
ENSG00000266001	5.13E-15	-2.63127	1	1 AC018506.1	-
ENSG00000266002	5.13E-15	-2.63127	1	1 RP11-567L7.5	-
ENSG00000266003	5.13E-15	-2.63127	1	1 RP11-267C16.2	-
ENSG00000266005	5.13E-15	-2.63127	1	1 RN7SL611P	-
ENSG00000266006	5.13E-15	-2.63127	1	1 MIR4488	-
ENSG00000266007	5.13E-15	-2.63127	1	1 AP000318.1	-
ENSG00000266008	5.13E-15	-2.63127	1	1 AC092364.4	-
ENSG00000266009	5.13E-15	-2.63127	1	1 RP11-746M1.2	K05150
ENSG00000266012	5.13E-15	-2.63127	1	1 MIR4764	-
ENSG00000266013	5.13E-15	-2.63127	1	1 CTD-2206N4.2	-
ENSG00000266014	5.13E-15	-2.63127	1	1 RP11-94B19.2	-
ENSG00000266015	5.13E-15	-2.63127	1	1 MIR4309	-
ENSG00000266016	5.13E-15	-2.63127	1	1 AC009779.1	-
ENSG00000266018	5.13E-15	-2.63127	1	1 AP000781.1	-
ENSG00000266019	5.13E-15	-2.63127	1	1 MIR3609	-
ENSG00000266020	5.13E-15	-2.63127	1	1 AC010092.1	-
ENSG00000266021	5.13E-15	-2.63127	1	1 AL353763.2	-
ENSG00000266023	5.13E-15	-2.63127	1	1 RN7SL770P	-
ENSG00000266024	5.13E-15	-2.63127	1	1 AF250324.1	-
ENSG00000266025	5.13E-15	-2.63127	1	1 AC132660.1	-
ENSG00000266026	5.13E-15	-2.63127	1	1 AC092111.1	-
ENSG00000266029	5.13E-15	-2.63127	1	1 AC007040.2	-
ENSG00000266030	5.13E-15	-2.63127	1	1 AC078828.1	-

ENSG00000266032	5.13E-15	-2.63127	1	1 AL357515.1	--
ENSG00000266033	5.13E-15	-2.63127	1	1 AL606519.1	--
ENSG00000266037	5.13E-15	-2.63127	1	1 RN7SL3	--
ENSG00000266038	5.13E-15	-2.63127	1	1 MIR4659B	--
ENSG00000266039	5.13E-15	-2.63127	1	1 MIR4509-3	--
ENSG00000266041	5.13E-15	-2.63127	1	1 MIR4690	--
ENSG00000266042	5.13E-15	-2.63127	1	1 AC015818.6	K06630
ENSG00000266043	5.13E-15	-2.63127	1	1 MIR3649	--
ENSG00000266044	5.13E-15	-2.63127	1	1 MIR4469	--
ENSG00000266045	5.13E-15	-2.63127	1	1 RP11-466P24.7	--
ENSG00000266046	5.13E-15	-2.63127	1	1 AC084209.1	--
ENSG00000266048	5.13E-15	-2.63127	1	1 CTD-2206N4.1	--
ENSG00000266049	5.13E-15	-2.63127	1	1 RP11-703M24.5	--
ENSG00000266050	5.13E-15	-2.63127	1	1 RP11-822E23.6	--
ENSG00000266051	5.13E-15	-2.63127	1	1 AC023992.1	--
ENSG00000266052	5.13E-15	-2.63127	1	1 MIR4500	--
ENSG00000266055	5.13E-15	-2.63127	1	1 AC004079.1	--
ENSG00000266057	5.13E-15	-2.63127	1	1 AL607076.1	--
ENSG00000266058	5.13E-15	-2.63127	1	1 AC084010.1	--
ENSG00000266059	5.13E-15	-2.63127	1	1 RN7SL140P	--
ENSG00000266060	5.13E-15	-2.63127	1	1 AL603650.4	--
ENSG00000266061	5.13E-15	-2.63127	1	1 AL355531.1	--
ENSG00000266065	5.13E-15	-2.63127	1	1 CTD-2124B20.2	--
ENSG00000266069	5.13E-15	-2.63127	1	1 AL139821.1	--
ENSG00000266070	5.13E-15	-2.63127	1	1 MIR3960	--
ENSG00000266071	5.13E-15	-2.63127	1	1 MIR3617	--
ENSG00000266072	5.13E-15	-2.63127	1	1 MIR5693	--
ENSG00000266073	5.13E-15	-2.63127	1	1 AL590874.1	--
ENSG00000266076	5.13E-15	-2.63127	1	1 CTD-2535L24.2	K04385
ENSG00000266077	5.13E-15	-2.63127	1	1 AC139149.1	--
ENSG00000266078	5.13E-15	-2.63127	1	1 MIR4432	--
ENSG00000266079	5.13E-15	-2.63127	1	1 SNORA59B	--
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ENSG00000266083	5.13E-15	-2.63127	1	1 AC138965.1	--
ENSG00000266085	5.13E-15	-2.63127	1	1 AL109658.1	--
ENSG00000266086	5.13E-15	-2.63127	1	1 RP11-159D12.5	K12890
ENSG00000266087	5.13E-15	-2.63127	1	1 RN7SL462P	--
ENSG00000266089	5.13E-15	-2.63127	1	1 RN7SL562P	--
ENSG00000266090	5.13E-15	-2.63127	1	1 AC012603.1	--
ENSG00000266096	5.13E-15	-2.63127	1	1 AC011652.2	--
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ENSG00000266101	5.13E-15	-2.63127	1	1 RP5-906A24.2	--
ENSG00000266102	5.13E-15	-2.63127	1	1 RP11-243E13.2	--
ENSG00000266103	5.13E-15	-2.63127	1	1 RN7SL458P	--
ENSG00000266104	5.13E-15	-2.63127	1	1 MIR4326	--
ENSG00000266105	5.13E-15	-2.63127	1	1 RP11-326K13.2	K12471
ENSG00000266106	5.13E-15	-2.63127	1	1 RP11-647F2.2	--
ENSG00000266107	5.13E-15	-2.63127	1	1 MIR4525	--
ENSG00000266108	5.13E-15	-2.63127	1	1 AC152005.1	--
ENSG00000266109	5.13E-15	-2.63127	1	1 MIR4440	--
ENSG00000266110	5.13E-15	-2.63127	1	1 MIR4423	--
ENSG00000266112	5.13E-15	-2.63127	1	1 AC007567.1	--
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ENSG00000266118	5.13E-15	-2.63127	1	1 RP11-507M3.1	K17985
ENSG00000266120	5.13E-15	-2.63127	1	1 RP11-354P11.2	--

ENSG00000266121	5.13E-15	-2.63127	1	1 AC092104.4	--
ENSG00000266122	5.13E-15	-2.63127	1	1 RN7SL373P	--
ENSG00000266123	5.13E-15	-2.63127	1	1 RN7SL114P	--
ENSG00000266125	5.13E-15	-2.63127	1	1 AL022400.1	--
ENSG00000266128	5.13E-15	-2.63127	1	1 RN7SL366P	--
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ENSG00000266133	5.13E-15	-2.63127	1	1 MIR4759	--
ENSG00000266135	5.13E-15	-2.63127	1	1 RN7SL625P	--
ENSG00000266136	5.13E-15	-2.63127	1	1 AL031055.1	--
ENSG00000266138	5.13E-15	-2.63127	1	1 RN7SL501P	--
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ENSG00000266140	5.13E-15	-2.63127	1	1 MIR4533	--
ENSG00000266141	5.13E-15	-2.63127	1	1 MIR2909	--
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ENSG00000266144	5.13E-15	-2.63127	1	1 MIR4654	--
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ENSG00000266149	5.13E-15	-2.63127	1	1 RP11-789C17.3	--
ENSG00000266150	5.13E-15	-2.63127	1	1 MIR4711	--
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ENSG00000266152	5.13E-15	-2.63127	1	1 RN7SL550P	--
ENSG00000266153	5.13E-15	-2.63127	1	1 RP11-190I17.2	--
ENSG00000266154	5.13E-15	-2.63127	1	1 MIR4658	--
ENSG00000266156	5.13E-15	-2.63127	1	1 AC010329.1	--
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ENSG00000266160	5.13E-15	-2.63127	1	1 RN7SL612P	--
ENSG00000266162	5.13E-15	-2.63127	1	1 YWHAEP2	K06630
ENSG00000266163	5.13E-15	-2.63127	1	1 AC007216.1	--
ENSG00000266166	5.13E-15	-2.63127	1	1 RN7SL557P	--
ENSG00000266168	5.13E-15	-2.63127	1	1 MIR3147	--
ENSG00000266171	5.13E-15	-2.63127	1	1 RP11-769O8.1	--
ENSG00000266172	5.13E-15	-2.63127	1	1 RP11-1109M24.11	--
ENSG00000266174	5.13E-15	-2.63127	1	1 MIR4666A	--
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ENSG00000266176	5.13E-15	-2.63127	1	1 RP11-855A2.5	--
ENSG00000266179	5.13E-15	-2.63127	1	1 RP11-1113L8.6	K01982
ENSG00000266180	5.13E-15	-2.63127	1	1 MIR4282	--
ENSG00000266181	5.13E-15	-2.63127	1	1 RP11-178F10.4	K13025
ENSG00000266183	5.13E-15	-2.63127	1	1 AL662800.2	--
ENSG00000266184	5.13E-15	-2.63127	1	1 RP11-552O4.2	K14016
ENSG00000266185	5.13E-15	-2.63127	1	1 RN7SL804P	--
ENSG00000266186	5.13E-15	-2.63127	1	1 AC007040.3	--
ENSG00000266187	5.13E-15	-2.63127	1	1 RN7SL480P	--
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ENSG00000266189	5.13E-15	-2.63127	1	1 MIR3186	--
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ENSG00000266192	5.13E-15	-2.63127	1	1 MIR1260B	--
ENSG00000266193	5.13E-15	-2.63127	1	1 MIR4468	--
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ENSG00000266195	5.13E-15	-2.63127	1	1 RN7SL163P	--
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ENSG00000266197	5.13E-15	-2.63127	1	1 RN7SL527P	--
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ENSG00000266201	5.13E-15	-2.63127	1	1 SS18L2P2	--
ENSG00000266202	5.13E-15	-2.63127	1	1 RP1-66C13.4	--
ENSG00000266203	5.13E-15	-2.63127	1	1 MIR5585	--
ENSG00000266204	5.13E-15	-2.63127	1	1 MIR5589	--
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ENSG00000266206	5.13E-15	-2.63127	1	1 MIR3926-2	--
ENSG00000266207	5.13E-15	-2.63127	1	1 AL583784.1	--
ENSG00000266209	5.13E-15	-2.63127	1	1 AC005783.1	--
ENSG00000266210	5.13E-15	-2.63127	1	1 RN7SL371P	--
ENSG00000266211	5.13E-15	-2.63127	1	1 MIR3156-3	--
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ENSG00000266215	5.13E-15	-2.63127	1	1 MIR3167	--
ENSG00000266216	5.13E-15	-2.63127	1	1 AL359538.2	--
ENSG00000266218	5.13E-15	-2.63127	1	1 AC092865.2	--
ENSG00000266220	5.13E-15	-2.63127	1	1 AC010723.2	--
ENSG00000266222	5.13E-15	-2.63127	1	1 RP11-433M22.1	--
ENSG00000266223	5.13E-15	-2.63127	1	1 RN7SL84P	--
ENSG00000266224	5.13E-15	-2.63127	1	1 AL158077.1	--
ENSG00000266226	5.13E-15	-2.63127	1	1 MIR4323	--
ENSG00000266227	5.13E-15	-2.63127	1	1 NPM1P2	K11276
ENSG00000266228	5.13E-15	-2.63127	1	1 MIR3611	--
ENSG00000266229	5.13E-15	-2.63127	1	1 AC020606.1	--
ENSG00000266230	5.13E-15	-2.63127	1	1 AL591925.1	--
ENSG00000266233	5.13E-15	-2.63127	1	1 AC021660.1	--
ENSG00000266237	5.13E-15	-2.63127	1	1 RP11-25D3.1	--
ENSG00000266239	5.13E-15	-2.63127	1	1 MIR3605	--
ENSG00000266240	5.13E-15	-2.63127	1	1 MIR5091	--
ENSG00000266241	5.13E-15	-2.63127	1	1 MIR5047	--
ENSG00000266242	5.13E-15	-2.63127	1	1 GRAMD4P7	--
ENSG00000266243	5.13E-15	-2.63127	1	1 MIR4279	--
ENSG00000266244	5.13E-15	-2.63127	1	1 AC079340.1	--
ENSG00000266245	5.13E-15	-2.63127	1	1 MIR4644	--
ENSG00000266246	5.13E-15	-2.63127	1	1 AC116655.1	--
ENSG00000266247	5.13E-15	-2.63127	1	1 AC008752.3	--
ENSG00000266248	5.13E-15	-2.63127	1	1 CTC-525D6.2	--
ENSG00000266251	5.13E-15	-2.63127	1	1 COX6CP3	K02268
ENSG00000266252	5.13E-15	-2.63127	1	1 AL031768.1	--
ENSG00000266254	5.13E-15	-2.63127	1	1 AC093874.1	--
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ENSG00000266257	5.13E-15	-2.63127	1	1 AC005926.1	--
ENSG00000266259	5.13E-15	-2.63127	1	1 AC012003.1	--
ENSG00000266262	5.13E-15	-2.63127	1	1 MIR4428	--
ENSG00000266264	5.13E-15	-2.63127	1	1 AL162311.1	--
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ENSG00000266269	5.13E-15	-2.63127	1	1 AC002395.1	--
ENSG00000266270	5.13E-15	-2.63127	1	1 MIR5096	--
ENSG00000266272	5.13E-15	-2.63127	1	1 Z97632.1	--
ENSG00000266273	5.13E-15	-2.63127	1	1 RP11-715C4.1	--
ENSG00000266274	5.13E-15	-2.63127	1	1 RN7SL138P	--
ENSG00000266275	5.13E-15	-2.63127	1	1 AC034187.5	--
ENSG00000266276	5.13E-15	-2.63127	1	1 MIR4743	--
ENSG00000266277	5.13E-15	-2.63127	1	1 AC096763.1	--
ENSG00000266279	5.13E-15	-2.63127	1	1 RP11-849F2.4	--
ENSG00000266281	5.13E-15	-2.63127	1	1 AL356865.2	--
ENSG00000266282	5.13E-15	-2.63127	1	1 UBL5P2	K13113
ENSG00000266285	5.13E-15	-2.63127	1	1 RN7SL682P	--
ENSG00000266287	5.13E-15	-2.63127	1	1 MIR3683	--
ENSG00000266288	5.13E-15	-2.63127	1	1 CTD-3096M3.2	--
ENSG00000266290	5.13E-15	-2.63127	1	1 RP11-159D12.10	--
ENSG00000266291	5.13E-15	-2.63127	1	1 hsa-mir-3180-3	--
ENSG00000266293	5.13E-15	-2.63127	1	1 AC069276.1	--
ENSG00000266294	5.13E-15	-2.63127	1	1 AL136380.1	--

ENSG00000266297	5.13E-15	-2.63127	1	1 MIR744	--
ENSG00000266299	5.13E-15	-2.63127	1	1 MIR3118-5	--
ENSG00000266302	5.13E-15	-2.63127	1	1 RP11-219A15.1	K11837
ENSG00000266305	5.13E-15	-2.63127	1	1 MIR4518	--
ENSG00000266307	5.13E-15	-2.63127	1	1 MIR5093	--
ENSG00000266308	5.13E-15	-2.63127	1	1 RN7SL510P	--
ENSG00000266309	5.13E-15	-2.63127	1	1 AC012671.4	--
ENSG00000266310	5.13E-15	-2.63127	1	1 AC106899.1	--
ENSG00000266312	5.13E-15	-2.63127	1	1 RP11-111H3.3	--
ENSG00000266317	5.13E-15	-2.63127	1	1 RN7SL703P	--
ENSG00000266318	5.13E-15	-2.63127	1	1 MIR5692A2	--
ENSG00000266319	5.13E-15	-2.63127	1	1 AL080272.1	--
ENSG00000266320	5.13E-15	-2.63127	1	1 MIR3909	--
ENSG00000266321	5.13E-15	-2.63127	1	1 MIR4293	--
ENSG00000266323	5.13E-15	-2.63127	1	1 RN7SL733P	--
ENSG00000266324	5.13E-15	-2.63127	1	1 MIR4663	--
ENSG00000266325	5.13E-15	-2.63127	1	1 MIR3665	--
ENSG00000266327	5.13E-15	-2.63127	1	1 MIR4503	--
ENSG00000266328	5.13E-15	-2.63127	1	1 hsa-mir-4536-2	--
ENSG00000266329	5.13E-15	-2.63127	1	1 MIR4281	--
ENSG00000266330	5.13E-15	-2.63127	1	1 AL355353.1	--
ENSG00000266333	5.13E-15	-2.63127	1	1 AC117372.1	--
ENSG00000266335	5.13E-15	-2.63127	1	1 RP11-25O3.1	--
ENSG00000266336	5.13E-15	-2.63127	1	1 AL356019.1	--
ENSG00000266337	5.13E-15	-2.63127	1	1 AC118282.4	--
ENSG00000266339	5.13E-15	-2.63127	1	1 RN7SL17P	--
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ENSG00000266343	5.13E-15	-2.63127	1	1 RN7SL506P	--
ENSG00000266344	5.13E-15	-2.63127	1	1 AL353731.1	--
ENSG00000266345	5.13E-15	-2.63127	1	1 RN7SL349P	--
ENSG00000266346	5.13E-15	-2.63127	1	1 AC019205.2	--
ENSG00000266349	5.13E-15	-2.63127	1	1 AC018618.1	--
ENSG00000266352	5.13E-15	-2.63127	1	1 RN7SL192P	--
ENSG00000266353	5.13E-15	-2.63127	1	1 AL591471.1	--
ENSG00000266354	5.13E-15	-2.63127	1	1 MIR4776-2	--
ENSG00000266355	5.13E-15	-2.63127	1	1 AL117334.1	--
ENSG00000266356	5.13E-15	-2.63127	1	1 RP11-578C11.2	K06630
ENSG00000266357	5.13E-15	-2.63127	1	1 RP11-101O21.1	--
ENSG00000266358	5.13E-15	-2.63127	1	1 AL359771.1	--
ENSG00000266360	5.13E-15	-2.63127	1	1 AC017028.10	--
ENSG00000266363	5.13E-15	-2.63127	1	1 AC069243.1	--
ENSG00000266364	5.13E-15	-2.63127	1	1 RP11-218E15.1	--
ENSG00000266365	5.13E-15	-2.63127	1	1 RP11-51L5.3	K04688
ENSG00000266366	5.13E-15	-2.63127	1	1 RN7SL389P	--
ENSG00000266368	5.13E-15	-2.63127	1	1 RP11-1096G20.5	--
ENSG00000266369	5.13E-15	-2.63127	1	1 RP11-344E13.4	--
ENSG00000266370	5.13E-15	-2.63127	1	1 MIR3657	--
ENSG00000266371	5.13E-15	-2.63127	1	1 RP11-142O6.1	--
ENSG00000266372	5.13E-15	-2.63127	1	1 AC092849.1	--
ENSG00000266373	5.13E-15	-2.63127	1	1 RP11-710M11.1	K19325
ENSG00000266374	5.13E-15	-2.63127	1	1 AC026512.1	--
ENSG00000266376	5.13E-15	-2.63127	1	1 AC093165.1	--
ENSG00000266377	5.13E-15	-2.63127	1	1 AC095064.1	--
ENSG00000266378	5.13E-15	-2.63127	1	1 RP11-214O1.3	--
ENSG00000266379	5.13E-15	-2.63127	1	1 RP11-640N20.8	--
ENSG00000266382	5.13E-15	-2.63127	1	1 MIR5703	--
ENSG00000266383	5.13E-15	-2.63127	1	1 MIR5002	--
ENSG00000266387	5.13E-15	-2.63127	1	1 AC016178.2	--

ENSG00000266388	5.13E-15	-2.63127	1	1 AC093430.1	--
ENSG00000266389	5.13E-15	-2.63127	1	1 CTB-41I6.1	--
ENSG00000266390	5.13E-15	-2.63127	1	1 AC027288.2	--
ENSG00000266391	5.13E-15	-2.63127	1	1 AC074389.1	--
ENSG00000266392	5.13E-15	-2.63127	1	1 MIR4740	--
ENSG00000266393	5.13E-15	-2.63127	1	1 AL122019.1	--
ENSG00000266396	5.13E-15	-2.63127	1	1 MIR4273	--
ENSG00000266398	5.13E-15	-2.63127	1	1 MIR3656	--
ENSG00000266399	5.13E-15	-2.63127	1	1 AC027307.2	--
ENSG00000266400	5.13E-15	-2.63127	1	1 AC113171.1	--
ENSG00000266403	5.13E-15	-2.63127	1	1 AL161731.1	--
ENSG00000266407	5.13E-15	-2.63127	1	1 MIR3157	--
ENSG00000266408	5.13E-15	-2.63127	1	1 AL122127.4	--
ENSG00000266409	5.13E-15	-2.63127	1	1 AC092104.5	--
ENSG00000266413	5.13E-15	-2.63127	1	1 RP11-88L24.4	--
ENSG00000266415	5.13E-15	-2.63127	1	1 MIR4636	--
ENSG00000266416	5.13E-15	-2.63127	1	1 RP1-66C13.2	--
ENSG00000266417	5.13E-15	-2.63127	1	1 MIR4424	--
ENSG00000266420	5.13E-15	-2.63127	1	1 RN7SL118P	--
ENSG00000266421	5.13E-15	-2.63127	1	1 MIR4451	--
ENSG00000266425	5.13E-15	-2.63127	1	1 RN7SL343P	--
ENSG00000266426	5.13E-15	-2.63127	1	1 MIR4719	--
ENSG00000266427	5.13E-15	-2.63127	1	1 AC098784.2	--
ENSG00000266429	5.13E-15	-2.63127	1	1 AL442639.1	--
ENSG00000266430	5.13E-15	-2.63127	1	1 AC004520.1	--
ENSG00000266431	5.13E-15	-2.63127	1	1 MIR5580	--
ENSG00000266432	5.13E-15	-2.63127	1	1 AC008703.2	--
ENSG00000266433	5.13E-15	-2.63127	1	1 TBC1D3P5	K11837
ENSG00000266436	5.13E-15	-2.63127	1	1 MIR4264	--
ENSG00000266437	5.13E-15	-2.63127	1	1 MIR4746	--
ENSG00000266439	5.13E-15	-2.63127	1	1 RN7SL493P	--
ENSG00000266440	5.13E-15	-2.63127	1	1 AL359542.1	--
ENSG00000266443	5.13E-15	-2.63127	1	1 AC099778.1	--
ENSG00000266447	5.13E-15	-2.63127	1	1 AC046143.2	--
ENSG00000266448	5.13E-15	-2.63127	1	1 RP11-805L22.1	--
ENSG00000266449	5.13E-15	-2.63127	1	1 MIR3713	--
ENSG00000266450	5.13E-15	-2.63127	1	1 CTD-2015H3.2	--
ENSG00000266451	5.13E-15	-2.63127	1	1 AP003385.1	--
ENSG00000266452	5.13E-15	-2.63127	1	1 RN7SL590P	--
ENSG00000266453	5.13E-15	-2.63127	1	1 RN7SL142P	--
ENSG00000266454	5.13E-15	-2.63127	1	1 MIR3179-3	--
ENSG00000266455	5.13E-15	-2.63127	1	1 RN7SL765P	--
ENSG00000266457	5.13E-15	-2.63127	1	1 AC026318.1	--
ENSG00000266458	5.13E-15	-2.63127	1	1 hsa-mir-4259	--
ENSG00000266459	5.13E-15	-2.63127	1	1 MIR4724	--
ENSG00000266460	5.13E-15	-2.63127	1	1 RP11-173L6.1	--
ENSG00000266461	5.13E-15	-2.63127	1	1 MIR2392	--
ENSG00000266462	5.13E-15	-2.63127	1	1 AC010327.1	--
ENSG00000266463	5.13E-15	-2.63127	1	1 MIR3196	--
ENSG00000266466	5.13E-15	-2.63127	1	1 RP11-822E23.2	--
ENSG00000266468	5.13E-15	-2.63127	1	1 AL031284.1	--
ENSG00000266470	5.13E-15	-2.63127	1	1 RP11-856M7.8	--
ENSG00000266475	5.13E-15	-2.63127	1	1 AC106753.1	--
ENSG00000266476	5.13E-15	-2.63127	1	1 AC084262.3	--
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ENSG00000266478	5.13E-15	-2.63127	1	1 MIR5197	--
ENSG00000266479	5.13E-15	-2.63127	1	1 CTD-2515C13.1	K04043
ENSG00000266481	5.13E-15	-2.63127	1	1 AC092174.1	--

ENSG00000266482	5.13E-15	-2.63127	1	1 AC023157.1	--
ENSG00000266483	5.13E-15	-2.63127	1	1 AC010311.1	--
ENSG00000266485	5.13E-15	-2.63127	1	1 AL365214.1	--
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ENSG00000266489	5.13E-15	-2.63127	1	1 RP11-178F10.3	--
ENSG00000266491	5.13E-15	-2.63127	1	1 AC109335.1	--
ENSG00000266492	5.13E-15	-2.63127	1	1 AC092122.2	--
ENSG00000266493	5.13E-15	-2.63127	1	1 AC116533.3	--
ENSG00000266496	5.13E-15	-2.63127	1	1 AC131951.1	--
ENSG00000266497	5.13E-15	-2.63127	1	1 RP11-995C19.2	K10874
ENSG00000266499	5.13E-15	-2.63127	1	1 AC008536.1	--
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ENSG00000266502	5.13E-15	-2.63127	1	1 MIR5681A	--
ENSG00000266503	5.13E-15	-2.63127	1	1 RN7SL162P	--
ENSG00000266504	5.13E-15	-2.63127	1	1 RP11-798G7.4	K10874
ENSG00000266505	5.13E-15	-2.63127	1	1 RP11-629E24.2	--
ENSG00000266508	5.13E-15	-2.63127	1	1 MIR3201	--
ENSG00000266509	5.13E-15	-2.63127	1	1 MIR3934	--
ENSG00000266510	5.13E-15	-2.63127	1	1 AC007435.1	--
ENSG00000266511	5.13E-15	-2.63127	1	1 AL590683.2	--
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ENSG00000266517	5.13E-15	-2.63127	1	1 MIR4715	--
ENSG00000266518	5.13E-15	-2.63127	1	1 MIR4268	--
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ENSG00000266522	5.13E-15	-2.63127	1	1 RP11-805F19.4	--
ENSG00000266525	5.13E-15	-2.63127	1	1 MIR4650-1	--
ENSG00000266526	5.13E-15	-2.63127	1	1 AC090720.1	--
ENSG00000266527	5.13E-15	-2.63127	1	1 RP11-138P22.1	--
ENSG00000266529	5.13E-15	-2.63127	1	1 RP11-846F4.1	K00412
ENSG00000266530	5.13E-15	-2.63127	1	1 MIR4318	--
ENSG00000266531	5.13E-15	-2.63127	1	1 MIR4706	--
ENSG00000266532	5.13E-15	-2.63127	1	1 RN7SL235P	--
ENSG00000266534	5.13E-15	-2.63127	1	1 AL162571.1	--
ENSG00000266535	5.13E-15	-2.63127	1	1 RP11-40A13.1	--
ENSG00000266536	5.13E-15	-2.63127	1	1 RN7SL126P	--
ENSG00000266539	5.13E-15	-2.63127	1	1 AC078889.1	--
ENSG00000266540	5.13E-15	-2.63127	1	1 RN7SL772P	--
ENSG00000266543	5.13E-15	-2.63127	1	1 AC027811.1	--
ENSG00000266544	5.13E-15	-2.63127	1	1 RN7SL662P	--
ENSG00000266545	5.13E-15	-2.63127	1	1 MIR5701-1	--
ENSG00000266546	5.13E-15	-2.63127	1	1 AC137674.2	--
ENSG00000266547	5.13E-15	-2.63127	1	1 AL161645.1	--
ENSG00000266549	5.13E-15	-2.63127	1	1 RP11-526I8.2	K02150
ENSG00000266550	5.13E-15	-2.63127	1	1 AP002958.1	--
ENSG00000266551	5.13E-15	-2.63127	1	1 RN7SL857P	--
ENSG00000266552	5.13E-15	-2.63127	1	1 AL356020.1	--
ENSG00000266553	5.13E-15	-2.63127	1	1 RN7SL356P	--
ENSG00000266554	5.13E-15	-2.63127	1	1 RP11-527H14.2	--
ENSG00000266555	5.13E-15	-2.63127	1	1 MIR3145	--
ENSG00000266556	5.13E-15	-2.63127	1	1 AL137251.1	--
ENSG00000266559	5.13E-15	-2.63127	1	1 MIR4530	--
ENSG00000266560	5.13E-15	-2.63127	1	1 RP11-1007I13.4	--
ENSG00000266561	5.13E-15	-2.63127	1	1 CTD-2200P10.3	--
ENSG00000266563	5.13E-15	-2.63127	1	1 RP11-64J19.1	K03113

ENSG00000266564	5.13E-15	-2.63127	1	1 MIR4418	--
ENSG00000266566	5.13E-15	-2.63127	1	1 AC009994.2	--
ENSG00000266567	5.13E-15	-2.63127	1	1 MIR3618	--
ENSG00000266568	5.13E-15	-2.63127	1	1 AL049610.1	--
ENSG00000266569	5.13E-15	-2.63127	1	1 RN7SL377P	--
ENSG00000266570	5.13E-15	-2.63127	1	1 MIR5579	--
ENSG00000266575	5.13E-15	-2.63127	1	1 RP11-672L10.4	--
ENSG00000266577	5.13E-15	-2.63127	1	1 RN7SL830P	--
ENSG00000266579	5.13E-15	-2.63127	1	1 RP1-71H19.2	--
ENSG00000266580	5.13E-15	-2.63127	1	1 MIR4254	--
ENSG00000266581	5.13E-15	-2.63127	1	1 MIR3166	--
ENSG00000266582	5.13E-15	-2.63127	1	1 MIR4527	--
ENSG00000266583	5.13E-15	-2.63127	1	1 MIR4478	--
ENSG00000266584	5.13E-15	-2.63127	1	1 AL355149.1	--
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ENSG00000266587	5.13E-15	-2.63127	1	1 AC027320.1	--
ENSG00000266588	5.13E-15	-2.63127	1	1 RP1-56K13.5	--
ENSG00000266589	5.13E-15	-2.63127	1	1 MIR4512	--
ENSG00000266590	5.13E-15	-2.63127	1	1 AC090692.1	--
ENSG00000266591	5.13E-15	-2.63127	1	1 AC022537.1	--
ENSG00000266593	5.13E-15	-2.63127	1	1 MIR4713	--
ENSG00000266595	5.13E-15	-2.63127	1	1 AL133269.1	--
ENSG00000266597	5.13E-15	-2.63127	1	1 AL928742.2	--
ENSG00000266598	5.13E-15	-2.63127	1	1 RP11-583F2.5	--
ENSG00000266599	5.13E-15	-2.63127	1	1 RP11-466A19.3	--
ENSG00000266604	5.13E-15	-2.63127	1	1 RP11-856M7.6	--
ENSG00000266605	5.13E-15	-2.63127	1	1 LONRF2P1	--
ENSG00000266606	5.13E-15	-2.63127	1	1 AP001010.1	--
ENSG00000266608	5.13E-15	-2.63127	1	1 AL445531.1	--
ENSG00000266609	5.13E-15	-2.63127	1	1 AC078899.8	--
ENSG00000266610	5.13E-15	-2.63127	1	1 RN7SL176P	--
ENSG00000266611	5.13E-15	-2.63127	1	1 MIR4703	--
ENSG00000266613	5.13E-15	-2.63127	1	1 RFWD2P1	K10143
ENSG00000266614	5.13E-15	-2.63127	1	1 RP11-94B19.4	--
ENSG00000266616	5.13E-15	-2.63127	1	1 AP003558.1	--
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ENSG00000266620	5.13E-15	-2.63127	1	1 MIR5001	--
ENSG00000266621	5.13E-15	-2.63127	1	1 AC104841.1	--
ENSG00000266625	5.13E-15	-2.63127	1	1 AC084859.1	--
ENSG00000266627	5.13E-15	-2.63127	1	1 RN7SL202P	--
ENSG00000266628	5.13E-15	-2.63127	1	1 RN7SL137P	--
ENSG00000266630	5.13E-15	-2.63127	1	1 AC022716.1	--
ENSG00000266631	5.13E-15	-2.63127	1	1 AC006116.1	--
ENSG00000266632	5.13E-15	-2.63127	1	1 MIR4726	--
ENSG00000266633	5.13E-15	-2.63127	1	1 AC006432.1	--
ENSG00000266634	5.13E-15	-2.63127	1	1 MIR3972	--
ENSG00000266635	5.13E-15	-2.63127	1	1 AC096887.1	--
ENSG00000266636	5.13E-15	-2.63127	1	1 AC090340.1	--
ENSG00000266637	5.13E-15	-2.63127	1	1 AC145124.1	--
ENSG00000266638	5.13E-15	-2.63127	1	1 AC129492.1	--
ENSG00000266640	5.13E-15	-2.63127	1	1 MIR4754	--
ENSG00000266645	5.13E-15	-2.63127	1	1 MIR4299	--
ENSG00000266647	5.13E-15	-2.63127	1	1 RP11-51L5.4	K13241
ENSG00000266648	5.13E-15	-2.63127	1	1 RP11-112H10.6	K11290
ENSG00000266650	5.13E-15	-2.63127	1	1 AL357519.2	--
ENSG00000266652	5.13E-15	-2.63127	1	1 AC107025.1	--

ENSG00000266655	5.13E-15	-2.63127	1	1 MIR3908	--
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ENSG00000266663	5.13E-15	-2.63127	1	1 MIR3169	--
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ENSG00000266665	5.13E-15	-2.63127	1	1 MIR4739	--
ENSG00000266666	5.13E-15	-2.63127	1	1 MIR4325	--
ENSG00000266667	5.13E-15	-2.63127	1	1 RP11-849N15.4	--
ENSG00000266668	5.13E-15	-2.63127	1	1 MIR5692C2	--
ENSG00000266669	5.13E-15	-2.63127	1	1 AC097452.1	--
ENSG00000266670	5.13E-15	-2.63127	1	1 RN7SL637P	--
ENSG00000266671	5.13E-15	-2.63127	1	1 AC113342.1	--
ENSG00000266673	5.13E-15	-2.63127	1	1 RP11-822E23.3	--
ENSG00000266675	5.13E-15	-2.63127	1	1 AL606923.1	--
ENSG00000266676	5.13E-15	-2.63127	1	1 MIR4297	--
ENSG00000266678	5.13E-15	-2.63127	1	1 AL139151.1	--
ENSG00000266682	5.13E-15	-2.63127	1	1 AL590558.1	--
ENSG00000266683	5.13E-15	-2.63127	1	1 AL358354.1	--
ENSG00000266684	5.13E-15	-2.63127	1	1 AL117337.1	--
ENSG00000266685	5.13E-15	-2.63127	1	1 AC139453.1	--
ENSG00000266687	5.13E-15	-2.63127	1	1 AL356261.1	--
ENSG00000266688	5.13E-15	-2.63127	1	1 AC079398.1	--
ENSG00000266690	5.13E-15	-2.63127	1	1 MIR4274	--
ENSG00000266691	5.13E-15	-2.63127	1	1 RP11-1109M24.15	--
ENSG00000266692	5.13E-15	-2.63127	1	1 snoZ6	--
ENSG00000266693	5.13E-15	-2.63127	1	1 OR4K8P	K04257
ENSG00000266694	5.13E-15	-2.63127	1	1 RN7SL626P	--
ENSG00000266696	5.13E-15	-2.63127	1	1 RP11-30L3.2	--
ENSG00000266697	5.13E-15	-2.63127	1	1 AC105339.2	--
ENSG00000266698	5.13E-15	-2.63127	1	1 MIR3945	--
ENSG00000266699	5.13E-15	-2.63127	1	1 AL512655.1	--
ENSG00000266700	5.13E-15	-2.63127	1	1 AL139396.1	--
ENSG00000266701	5.13E-15	-2.63127	1	1 AC005702.4	--
ENSG00000266703	5.13E-15	-2.63127	1	1 MIR4490	--
ENSG00000266704	5.13E-15	-2.63127	1	1 MIR4498	--
ENSG00000266705	5.13E-15	-2.63127	1	1 MIR4437	--
ENSG00000266706	5.13E-15	-2.63127	1	1 AL122127.5	--
ENSG00000266707	5.13E-15	-2.63127	1	1 PSMD7P1	K03038
ENSG00000266709	5.13E-15	-2.63127	1	1 RP11-214O1.2	--
ENSG00000266710	5.13E-15	-2.63127	1	1 RN7SL48P	--
ENSG00000266711	5.13E-15	-2.63127	1	1 RP11-398J5.1	--
ENSG00000266712	5.13E-15	-2.63127	1	1 hsa-mir-3149	--
ENSG00000266713	5.13E-15	-2.63127	1	1 AC009695.1	--
ENSG00000266715	5.13E-15	-2.63127	1	1 MIR5090	--
ENSG00000266717	5.13E-15	-2.63127	1	1 RP11-855A2.3	--
ENSG00000266718	5.13E-15	-2.63127	1	1 RP11-466A19.1	--
ENSG00000266719	5.13E-15	-2.63127	1	1 MIR4676	--
ENSG00000266720	5.13E-15	-2.63127	1	1 RN7SL14P	--
ENSG00000266722	5.13E-15	-2.63127	1	1 MIR3940	--
ENSG00000266724	5.13E-15	-2.63127	1	1 AC108721.2	--
ENSG00000266727	5.13E-15	-2.63127	1	1 AC004824.1	--
ENSG00000266729	5.13E-15	-2.63127	1	1 RP11-534N16.1	--
ENSG00000266730	5.13E-15	-2.63127	1	1 RN7SL773P	--
ENSG00000266731	5.13E-15	-2.63127	1	1 AL732314.1	--
ENSG00000266732	5.13E-15	-2.63127	1	1 AL359922.1	--
ENSG00000266733	5.13E-15	-2.63127	1	1 TBC1D29	K11837
ENSG00000266734	5.13E-15	-2.63127	1	1 AP003471.3	--
ENSG00000266736	5.13E-15	-2.63127	1	1 RP11-260A9.4	K03121
ENSG00000266737	5.13E-15	-2.63127	1	1 MIR4691	--

ENSG00000266738	5.13E-15	-2.63127	1	1 MIR4757	--
ENSG00000266739	5.13E-15	-2.63127	1	1 AL138796.1	--
ENSG00000266740	5.13E-15	-2.63127	1	1 MIR4708	--
ENSG00000266743	5.13E-15	-2.63127	1	1 RP11-94B19.6	--
ENSG00000266744	5.13E-15	-2.63127	1	1 RP11-131K5.1	--
ENSG00000266745	5.13E-15	-2.63127	1	1 MIR3135A	--
ENSG00000266746	5.13E-15	-2.63127	1	1 RP11-1109M24.7	--
ENSG00000266749	5.13E-15	-2.63127	1	1 RN7SL46P	--
ENSG00000266751	5.13E-15	-2.63127	1	1 MIR3661	--
ENSG00000266754	5.13E-15	-2.63127	1	1 RN7SL524P	--
ENSG00000266756	5.13E-15	-2.63127	1	1 MIR5680	--
ENSG00000266757	5.13E-15	-2.63127	1	1 AC092962.1	--
ENSG00000266758	5.13E-15	-2.63127	1	1 MIR3680-2	--
ENSG00000266760	5.13E-15	-2.63127	1	1 MIR4464	--
ENSG00000266761	5.13E-15	-2.63127	1	1 MIR3194	--
ENSG00000266763	5.13E-15	-2.63127	1	1 AL033528.1	--
ENSG00000266765	5.13E-15	-2.63127	1	1 CTD-2582D11.1	--
ENSG00000266767	5.13E-15	-2.63127	1	1 RP11-678G15.2	--
ENSG00000266768	5.13E-15	-2.63127	1	1 AC016727.1	--
ENSG00000266769	5.13E-15	-2.63127	1	1 AL353751.1	--
ENSG00000266770	5.13E-15	-2.63127	1	1 RN7SL619P	--
ENSG00000266771	5.13E-15	-2.63127	1	1 RP11-19P22.10	--
ENSG00000266772	5.13E-15	-2.63127	1	1 AC091738.2	--
ENSG00000266774	5.13E-15	-2.63127	1	1 RP11-321M21.1	--
ENSG00000266775	5.13E-15	-2.63127	1	1 RP11-218M11.6	--
ENSG00000266776	5.13E-15	-2.63127	1	1 MIR4646	--
ENSG00000266778	5.13E-15	-2.63127	1	1 hsa-mir-548ba	--
ENSG00000266780	5.13E-15	-2.63127	1	1 MIR4444-1	--
ENSG00000266782	5.13E-15	-2.63127	1	1 MIR3663	--
ENSG00000266786	5.13E-15	-2.63127	1	1 RP1-66C13.3	K10093
ENSG00000266792	5.13E-15	-2.63127	1	1 RN7SL839P	--
ENSG00000266793	5.13E-15	-2.63127	1	1 AL137008.1	--
ENSG00000266794	5.13E-15	-2.63127	1	1 RN7SL7P	--
ENSG00000266795	5.13E-15	-2.63127	1	1 RP11-744K17.9	--
ENSG00000266798	5.13E-15	-2.63127	1	1 AC078816.1	--
ENSG00000266799	5.13E-15	-2.63127	1	1 AP003356.1	--
ENSG00000266800	5.13E-15	-2.63127	1	1 AL135791.1	--
ENSG00000266802	5.13E-15	-2.63127	1	1 MIR4419A	--
ENSG00000266803	5.13E-15	-2.63127	1	1 RP1-77H15.1	--
ENSG00000266805	5.13E-15	-2.63127	1	1 RP11-61L19.1	--
ENSG00000266806	5.13E-15	-2.63127	1	1 RP11-744K17.3	K09228
ENSG00000266807	5.13E-15	-2.63127	1	1 MIR548H5	--
ENSG00000266808	5.13E-15	-2.63127	1	1 MIR548AE1	--
ENSG00000266809	5.13E-15	-2.63127	1	1 RP11-449D8.3	--
ENSG00000266813	5.13E-15	-2.63127	1	1 AF196779.1	--
ENSG00000266814	5.13E-15	-2.63127	1	1 AP000868.1	--
ENSG00000266816	5.13E-15	-2.63127	1	1 AL356750.1	--
ENSG00000266817	5.13E-15	-2.63127	1	1 AC118063.1	--
ENSG00000266818	5.13E-15	-2.63127	1	1 RP11-454P7.1	K09228
ENSG00000266820	5.13E-15	-2.63127	1	1 RP13-104F24.1	K15043
ENSG00000266821	5.13E-15	-2.63127	1	1 RP11-6N17.2	--
ENSG00000266822	5.13E-15	-2.63127	1	1 AL928874.1	--
ENSG00000266825	5.13E-15	-2.63127	1	1 AL590085.1	--
ENSG00000266827	5.13E-15	-2.63127	1	1 MIR3689E	--
ENSG00000266828	5.13E-15	-2.63127	1	1 RN7SL712P	--
ENSG00000266829	5.13E-15	-2.63127	1	1 RN7SL661P	--
ENSG00000266830	5.13E-15	-2.63127	1	1 CTD-2008P7.8	--
ENSG00000266836	5.13E-15	-2.63127	1	1 RP11-1109M24.8	--

ENSG00000266837	5.13E-15	-2.63127	1	1 Z97055.1	--
ENSG00000266838	5.13E-15	-2.63127	1	1 AP001634.1	--
ENSG00000266839	5.13E-15	-2.63127	1	1 U6	--
ENSG00000266840	5.13E-15	-2.63127	1	1 RP11-543H23.2	--
ENSG00000266846	5.13E-15	-2.63127	1	1 RP11-793A3.2	--
ENSG00000266849	5.13E-15	-2.63127	1	1 AC083906.2	--
ENSG00000266853	5.13E-15	-2.63127	1	1 ITM2BP1	K18264
ENSG00000266854	5.13E-15	-2.63127	1	1 AP003096.1	--
ENSG00000266855	5.13E-15	-2.63127	1	1 MIR3910-2	--
ENSG00000266857	5.13E-15	-2.63127	1	1 AF186996.2	--
ENSG00000266858	5.13E-15	-2.63127	1	1 RP11-557B23.3	K02998
ENSG00000266859	5.13E-15	-2.63127	1	1 AP000719.1	--
ENSG00000266861	5.13E-15	-2.63127	1	1 AC097506.1	--
ENSG00000266862	5.13E-15	-2.63127	1	1 AC004595.1	--
ENSG00000266863	5.13E-15	-2.63127	1	1 RN7SL123P	--
ENSG00000266864	5.13E-15	-2.63127	1	1 AC116606.1	--
ENSG00000266865	5.13E-15	-2.63127	1	1 RP11-848P1.9	K04678
ENSG00000266866	5.13E-15	-2.63127	1	1 AP002761.1	--
ENSG00000266867	5.13E-15	-2.63127	1	1 AL031005.1	--
ENSG00000266868	5.13E-15	-2.63127	1	1 MIR4517	--
ENSG00000266869	5.13E-15	-2.63127	1	1 RP6-114E22.1	--
ENSG00000266875	5.13E-15	-2.63127	1	1 RN7SL408P	--
ENSG00000266876	5.13E-15	-2.63127	1	1 RP11-1148O4.1	K08492
ENSG00000266877	5.13E-15	-2.63127	1	1 RP1-41C23.1	--
ENSG00000266881	5.13E-15	-2.63127	1	1 AL353662.4	--
ENSG00000266885	5.13E-15	-2.63127	1	1 RP11-744K17.2	--
ENSG00000266887	5.13E-15	-2.63127	1	1 MIR4535	--
ENSG00000266889	5.13E-15	-2.63127	1	1 RN7SL88P	--
ENSG00000266890	5.13E-15	-2.63127	1	1 MIR4634	--
ENSG00000266892	5.13E-15	-2.63127	1	1 AP000301.1	--
ENSG00000266893	5.13E-15	-2.63127	1	1 AC005616.1	--
ENSG00000266899	5.13E-15	-2.63127	1	1 AKR1B1P7	K00011
ENSG00000266900	5.13E-15	-2.63127	1	1 RP11-173A16.2	--
ENSG00000266901	5.13E-15	-2.63127	1	1 RP11-567M16.5	--
ENSG00000266906	5.13E-15	-2.63127	1	1 AC005357.1	--
ENSG00000266907	5.13E-15	-2.63127	1	1 AC006116.22	K00111
ENSG00000266908	5.13E-15	-2.63127	1	1 RP5-1022P6.7	--
ENSG00000266909	5.13E-15	-2.63127	1	1 SLC25A6P4	--
ENSG00000266911	5.13E-15	-2.63127	1	1 RP1-161P9.5	--
ENSG00000266912	5.13E-15	-2.63127	1	1 CTC-325H20.2	--
ENSG00000266915	5.13E-15	-2.63127	1	1 MRPS5P4	--
ENSG00000266916	5.13E-15	-2.63127	1	1 CTD-3064H18.1	--
ENSG00000266919	5.13E-15	-2.63127	1	1 MIR3184	--
ENSG00000266923	5.13E-15	-2.63127	1	1 RP11-693J15.4	--
ENSG00000266925	5.13E-15	-2.63127	1	1 RP11-434D2.7	--
ENSG00000266928	5.13E-15	-2.63127	1	1 CTB-70G10.1	--
ENSG00000266929	5.13E-15	-2.63127	1	1 RP11-400F19.8	--
ENSG00000266931	5.13E-15	-2.63127	1	1 RP11-1252D15.1	--
ENSG00000266932	5.13E-15	-2.63127	1	1 AC006116.13	K18159
ENSG00000266935	5.13E-15	-2.63127	1	1 CTD-3234P18.2	--
ENSG00000266938	5.13E-15	-2.63127	1	1 AC119403.1	K09228
ENSG00000266939	5.13E-15	-2.63127	1	1 AC005559.2	--
ENSG00000266943	5.13E-15	-2.63127	1	1 RP11-15E18.2	K02998
ENSG00000266945	5.13E-15	-2.63127	1	1 OR4G3P	--
ENSG00000266949	5.13E-15	-2.63127	1	1 LYPD8	--
ENSG00000266950	5.13E-15	-2.63127	1	1 CTD-2623N2.5	--
ENSG00000266951	5.13E-15	-2.63127	1	1 AD000091.2	--
ENSG00000266952	5.13E-15	-2.63127	1	1 RP11-909B2.1	--

ENSG00000266954	5.13E-15	-2.63127	1	1 RP11-701H16.4	_
ENSG00000266956	5.13E-15	-2.63127	1	1 CTB-186H2.3	K05514
ENSG00000266958	5.13E-15	-2.63127	1	1 AC006126.3	_
ENSG00000266960	5.13E-15	-2.63127	1	1 FAM106DP	_
ENSG00000266961	5.13E-15	-2.63127	1	1 RP11-973H7.5	_
ENSG00000266963	5.13E-15	-2.63127	1	1 AC005625.1	_
ENSG00000266965	5.13E-15	-2.63127	1	1 RP11-712P20.2	_
ENSG00000266968	5.13E-15	-2.63127	1	1 RP11-116O18.1	_
ENSG00000266971	5.13E-15	-2.63127	1	1 OR4F8P	K04257
ENSG00000266972	5.13E-15	-2.63127	1	1 LRRC37A9P	K12581
ENSG00000266973	5.13E-15	-2.63127	1	1 CTD-3162L10.3	_
ENSG00000266976	5.13E-15	-2.63127	1	1 AC079466.1	_
ENSG00000266977	5.13E-15	-2.63127	1	1 CTC-459F4.5	_
ENSG00000266978	5.13E-15	-2.63127	1	1 CTD-2369P2.5	_
ENSG00000266979	5.13E-15	-2.63127	1	1 RP11-1072C15.2	_
ENSG00000266981	5.13E-15	-2.63127	1	1 RP11-799D4.2	_
ENSG00000266984	5.13E-15	-2.63127	1	1 RP11-23B5.1	K03024
ENSG00000266985	5.13E-15	-2.63127	1	1 CTD-2329C7.2	_
ENSG00000266988	5.13E-15	-2.63127	1	1 RP11-749H17.1	_
ENSG00000266989	5.13E-15	-2.63127	1	1 FTLP5	K13625
ENSG00000266995	5.13E-15	-2.63127	1	1 RP11-703I16.3	K11110
ENSG00000266996	5.13E-15	-2.63127	1	1 TCEB3CL2	K15076
ENSG00000266997	5.13E-15	-2.63127	1	1 RP11-886H22.1	K10357
ENSG00000266999	5.13E-15	-2.63127	1	1 AC015849.16	_
ENSG00000267000	5.13E-15	-2.63127	1	1 RP11-27G24.3	_
ENSG00000267001	5.13E-15	-2.63127	1	1 AC006538.4	K14709
ENSG00000267004	5.13E-15	-2.63127	1	1 CTD-2659N19.4	_
ENSG00000267005	5.13E-15	-2.63127	1	1 AC002984.2	_
ENSG00000267007	5.13E-15	-2.63127	1	1 CTB-31O20.3	_
ENSG00000267012	5.13E-15	-2.63127	1	1 CTC-360P9.1	_
ENSG00000267013	5.13E-15	-2.63127	1	1 CTD-2171N6.1	_
ENSG00000267014	5.13E-15	-2.63127	1	1 CTD-2081K17.2	_
ENSG00000267015	5.13E-15	-2.63127	1	1 RP11-800A18.4	_
ENSG00000267019	5.13E-15	-2.63127	1	1 NTF6A	K12457
ENSG00000267020	5.13E-15	-2.63127	1	1 AC011558.5	_
ENSG00000267021	5.13E-15	-2.63127	1	1 MIR4321	_
ENSG00000267022	5.13E-15	-2.63127	1	1 ZNF223	K09228
ENSG00000267023	5.13E-15	-2.63127	1	1 LRRC37A16P	_
ENSG00000267024	5.13E-15	-2.63127	1	1 CTD-2588C8.8	_
ENSG00000267027	5.13E-15	-2.63127	1	1 AC011524.2	_
ENSG00000267028	5.13E-15	-2.63127	1	1 RP11-619L19.1	_
ENSG00000267029	5.13E-15	-2.63127	1	1 AC092299.7	_
ENSG00000267030	5.13E-15	-2.63127	1	1 CTB-50L17.7	_
ENSG00000267034	5.13E-15	-2.63127	1	1 RP11-384O8.1	_
ENSG00000267035	5.13E-15	-2.63127	1	1 RP11-1094M14.10	_
ENSG00000267037	5.13E-15	-2.63127	1	1 AC005757.7	_
ENSG00000267038	5.13E-15	-2.63127	1	1 RP11-1096D5.2	_
ENSG00000267039	5.13E-15	-2.63127	1	1 RP11-58G13.1	_
ENSG00000267042	5.13E-15	-2.63127	1	1 CTD-3193K9.4	_
ENSG00000267043	5.13E-15	-2.63127	1	1 CTB-91J4.3	K11837
ENSG00000267044	5.13E-15	-2.63127	1	1 AC005757.6	_
ENSG00000267045	5.13E-15	-2.63127	1	1 AC006126.4	_
ENSG00000267046	5.13E-15	-2.63127	1	1 RP11-1094M14.9	K06620
ENSG00000267047	5.13E-15	-2.63127	1	1 RP11-589P10.7	_
ENSG00000267054	5.13E-15	-2.63127	1	1 CTD-2540B15.10	_
ENSG00000267055	5.13E-15	-2.63127	1	1 RP11-486P11.1	_
ENSG00000267056	5.13E-15	-2.63127	1	1 AC005336.4	K00915
ENSG00000267057	5.13E-15	-2.63127	1	1 RP11-456O19.2	_

ENSG00000267061	5.13E-15	-2.63127	1	1 RP11-760L24.1	--
ENSG00000267062	5.13E-15	-2.63127	1	1 CTD-2659N19.10	--
ENSG00000267063	5.13E-15	-2.63127	1	1 AC006130.3	--
ENSG00000267065	5.13E-15	-2.63127	1	1 CTD-2246P4.1	--
ENSG00000267066	5.13E-15	-2.63127	1	1 RP11-866E20.1	--
ENSG00000267067	5.13E-15	-2.63127	1	1 CTB-75G16.3	--
ENSG00000267070	5.13E-15	-2.63127	1	1 RP11-10K17.6	--
ENSG00000267072	5.13E-15	-2.63127	1	1 RP11-165E7.1	--
ENSG00000267074	5.13E-15	-2.63127	1	1 RP11-1094M14.5	--
ENSG00000267075	5.13E-15	-2.63127	1	1 RP11-434D2.3	--
ENSG00000267076	5.13E-15	-2.63127	1	1 CCDC58P3	K16741
ENSG00000267077	5.13E-15	-2.63127	1	1 RP11-127I20.5	--
ENSG00000267079	5.13E-15	-2.63127	1	1 RP11-820I16.1	--
ENSG00000267081	5.13E-15	-2.63127	1	1 CTC-400I9.2	--
ENSG00000267083	5.13E-15	-2.63127	1	1 KRT18P61	K07604
ENSG00000267084	5.13E-15	-2.63127	1	1 RP11-666A8.11	K18184
ENSG00000267085	5.13E-15	-2.63127	1	1 RP11-15J10.9	--
ENSG00000267086	5.13E-15	-2.63127	1	1 YWHAEP6	K06630
ENSG00000267089	5.13E-15	-2.63127	1	1 CTC-499B15.8	--
ENSG00000267090	5.13E-15	-2.63127	1	1 AC005789.9	--
ENSG00000267091	5.13E-15	-2.63127	1	1 CTBP2P7	K04496
ENSG00000267094	5.13E-15	-2.63127	1	1 CTC-360P9.5	--
ENSG00000267095	5.13E-15	-2.63127	1	1 CTD-2319I12.5	--
ENSG00000267097	5.13E-15	-2.63127	1	1 RP11-309E23.2	--
ENSG00000267098	5.13E-15	-2.63127	1	1 RP11-325K19.1	--
ENSG00000267099	5.13E-15	-2.63127	1	1 NTF6G	K12457
ENSG00000267101	5.13E-15	-2.63127	1	1 RP11-846C15.2	--
ENSG00000267104	5.13E-15	-2.63127	1	1 TBC1D3P1-DHX401	--
ENSG00000267105	5.13E-15	-2.63127	1	1 CTD-2369P2.4	--
ENSG00000267107	5.13E-15	-2.63127	1	1 AC011526.1	--
ENSG00000267109	5.13E-15	-2.63127	1	1 CTD-2378E21.1	--
ENSG00000267113	5.13E-15	-2.63127	1	1 AF038458.4	--
ENSG00000267115	5.13E-15	-2.63127	1	1 CTD-3064H18.2	--
ENSG00000267116	5.13E-15	-2.63127	1	1 RP11-64C12.7	K17497
ENSG00000267118	5.13E-15	-2.63127	1	1 CTB-91J4.1	--
ENSG00000267119	5.13E-15	-2.63127	1	1 RPL10P15	K02866
ENSG00000267120	5.13E-15	-2.63127	1	1 AD000671.6	K12836
ENSG00000267124	5.13E-15	-2.63127	1	1 CTD-3113P16.5	--
ENSG00000267125	5.13E-15	-2.63127	1	1 CTB-31O20.6	--
ENSG00000267128	5.13E-15	-2.63127	1	1 RNF157-AS1	--
ENSG00000267129	5.13E-15	-2.63127	1	1 OR1AC1P	--
ENSG00000267130	5.13E-15	-2.63127	1	1 CTD-2540B15.9	--
ENSG00000267132	5.13E-15	-2.63127	1	1 HMGB3P27	K11296
ENSG00000267133	5.13E-15	-2.63127	1	1 AC011518.2	--
ENSG00000267134	5.13E-15	-2.63127	1	1 RP11-146N18.1	--
ENSG00000267135	5.13E-15	-2.63127	1	1 AD000091.3	K02893
ENSG00000267136	5.13E-15	-2.63127	1	1 RP11-53B2.3	--
ENSG00000267137	5.13E-15	-2.63127	1	1 RP11-15K2.2	--
ENSG00000267139	5.13E-15	-2.63127	1	1 AC005262.3	--
ENSG00000267140	5.13E-15	-2.63127	1	1 RP11-322E11.6	K11667
ENSG00000267142	5.13E-15	-2.63127	1	1 CTD-3162L10.5	K01068
ENSG00000267143	5.13E-15	-2.63127	1	1 RP11-677O4.6	--
ENSG00000267144	5.13E-15	-2.63127	1	1 AC067968.3	--
ENSG00000267145	5.13E-15	-2.63127	1	1 AC006116.14	--
ENSG00000267146	5.13E-15	-2.63127	1	1 RP11-383D22.1	--
ENSG00000267148	5.13E-15	-2.63127	1	1 AC005777.3	--
ENSG00000267149	5.13E-15	-2.63127	1	1 CTC-550B14.6	--
ENSG00000267151	5.13E-15	-2.63127	1	1 MIR2117	--

ENSG00000267153	5.13E-15	-2.63127	1	1 CTBP2P3	K04496
ENSG00000267154	5.13E-15	-2.63127	1	1 OR1M4P	K04257
ENSG00000267156	5.13E-15	-2.63127	1	1 TPMTP1	K00569
ENSG00000267162	5.13E-15	-2.63127	1	1 RP11-815J4.4	K00237
ENSG00000267165	5.13E-15	-2.63127	1	1 RP11-78A19.3	-
ENSG00000267166	5.13E-15	-2.63127	1	1 RP11-527L4.5	-
ENSG00000267168	5.13E-15	-2.63127	1	1 RP11-318A15.7	-
ENSG00000267170	5.13E-15	-2.63127	1	1 CALM2P1	K02183
ENSG00000267172	5.13E-15	-2.63127	1	1 RP11-397A16.3	-
ENSG00000267173	5.13E-15	-2.63127	1	1 CTC-512J12.6	K09228
ENSG00000267175	5.13E-15	-2.63127	1	1 RP11-879F14.1	-
ENSG00000267177	5.13E-15	-2.63127	1	1 RP11-756J15.3	-
ENSG00000267178	5.13E-15	-2.63127	1	1 PHF5CP	K12834
ENSG00000267180	5.13E-15	-2.63127	1	1 AC007136.1	-
ENSG00000267181	5.13E-15	-2.63127	1	1 RP11-428O23.1	K13241
ENSG00000267182	5.13E-15	-2.63127	1	1 RP11-382N13.5	K11095
ENSG00000267184	5.13E-15	-2.63127	1	1 RP1-200G19.1	K09647
ENSG00000267187	5.13E-15	-2.63127	1	1 RP11-767C4.1	-
ENSG00000267188	5.13E-15	-2.63127	1	1 CTC-512J12.4	-
ENSG00000267189	5.13E-15	-2.63127	1	1 ATP5LP7	K02140
ENSG00000267190	5.13E-15	-2.63127	1	1 AC002314.4	K00560
ENSG00000267192	5.13E-15	-2.63127	1	1 AC006116.12	-
ENSG00000267193	5.13E-15	-2.63127	1	1 RP11-116O18.3	-
ENSG00000267195	5.13E-15	-2.63127	1	1 MIR212	-
ENSG00000267196	5.13E-15	-2.63127	1	1 RP11-813F20.4	-
ENSG00000267201	5.13E-15	-2.63127	1	1 AC005624.2	-
ENSG00000267202	5.13E-15	-2.63127	1	1 RP11-797E24.3	-
ENSG00000267204	5.13E-15	-2.63127	1	1 AC011518.1	-
ENSG00000267205	5.13E-15	-2.63127	1	1 AC005954.4	-
ENSG00000267206	5.13E-15	-2.63127	1	1 LCN6	-
ENSG00000267207	5.13E-15	-2.63127	1	1 RP11-264B14.1	-
ENSG00000267209	5.13E-15	-2.63127	1	1 RP11-693L9.2	-
ENSG00000267212	5.13E-15	-2.63127	1	1 CTD-2659N19.9	-
ENSG00000267214	5.13E-15	-2.63127	1	1 CTC-265F19.3	-
ENSG00000267215	5.13E-15	-2.63127	1	1 RP11-685A21.1	-
ENSG00000267220	5.13E-15	-2.63127	1	1 CTC-260E6.9	K09228
ENSG00000267221	5.13E-15	-2.63127	1	1 CTD-2132N18.2	-
ENSG00000267222	5.13E-15	-2.63127	1	1 RP11-194N12.2	-
ENSG00000267223	5.13E-15	-2.63127	1	1 AC005597.1	-
ENSG00000267224	5.13E-15	-2.63127	1	1 AC005498.4	-
ENSG00000267225	5.13E-15	-2.63127	1	1 WDR7-OT1	-
ENSG00000267227	5.13E-15	-2.63127	1	1 RP11-640I15.2	-
ENSG00000267232	5.13E-15	-2.63127	1	1 CTB-31O20.9	-
ENSG00000267233	5.13E-15	-2.63127	1	1 HNRNPA3P16	K12741
ENSG00000267234	5.13E-15	-2.63127	1	1 CTB-184G21.3	-
ENSG00000267235	5.13E-15	-2.63127	1	1 ZNF861P	K09228
ENSG00000267237	5.13E-15	-2.63127	1	1 AC092299.6	K16941
ENSG00000267238	5.13E-15	-2.63127	1	1 AC093074.1	-
ENSG00000267239	5.13E-15	-2.63127	1	1 RP11-794M8.1	-
ENSG00000267240	5.13E-15	-2.63127	1	1 AC011524.3	-
ENSG00000267241	5.13E-15	-2.63127	1	1 CYP4F10P	K17726
ENSG00000267243	5.13E-15	-2.63127	1	1 AC005307.3	-
ENSG00000267245	5.13E-15	-2.63127	1	1 CTD-2085J24.5	-
ENSG00000267246	5.13E-15	-2.63127	1	1 RP11-798G7.7	-
ENSG00000267247	5.13E-15	-2.63127	1	1 RP11-64C12.6	-
ENSG00000267250	5.13E-15	-2.63127	1	1 RP11-118B18.2	-
ENSG00000267251	5.13E-15	-2.63127	1	1 AC139100.3	-
ENSG00000267252	5.13E-15	-2.63127	1	1 RP11-712C7.1	-

ENSG00000267253	5.13E-15	-2.63127	1	1 RP11-209M4.1	K11425
ENSG00000267254	5.13E-15	-2.63127	1	1 CTD-2162K18.5	-
ENSG00000267258	5.13E-15	-2.63127	1	1 CTC-448F2.3	K03767
ENSG00000267259	5.13E-15	-2.63127	1	1 CTD-2008P7.9	-
ENSG00000267260	5.13E-15	-2.63127	1	1 CTD-2162K18.4	-
ENSG00000267261	5.13E-15	-2.63127	1	1 CTD-2132N18.3	K06062
ENSG00000267262	5.13E-15	-2.63127	1	1 CTC-232P5.3	-
ENSG00000267263	5.13E-15	-2.63127	1	1 RP11-75C10.7	-
ENSG00000267265	5.13E-15	-2.63127	1	1 CTC-550B14.7	-
ENSG00000267267	5.13E-15	-2.63127	1	1 CTD-3199J23.4	-
ENSG00000267268	5.13E-15	-2.63127	1	1 AC007204.2	-
ENSG00000267269	5.13E-15	-2.63127	1	1 RP11-2N1.1	-
ENSG00000267271	5.13E-15	-2.63127	1	1 RP11-686D22.2	K10611
ENSG00000267273	5.13E-15	-2.63127	1	1 CTC-543D15.3	-
ENSG00000267279	5.13E-15	-2.63127	1	1 RP11-879F14.2	-
ENSG00000267284	5.13E-15	-2.63127	1	1 RP11-397A16.1	-
ENSG00000267285	5.13E-15	-2.63127	1	1 RP5-951N9.2	-
ENSG00000267286	5.13E-15	-2.63127	1	1 RP11-794M8.2	-
ENSG00000267287	5.13E-15	-2.63127	1	1 RP11-567M16.1	-
ENSG00000267290	5.13E-15	-2.63127	1	1 AC092192.1	-
ENSG00000267291	5.13E-15	-2.63127	1	1 CTB-186G2.1	-
ENSG00000267292	5.13E-15	-2.63127	1	1 RP11-703I16.2	K17908
ENSG00000267293	5.13E-15	-2.63127	1	1 RP11-8H2.1	K14553
ENSG00000267295	5.13E-15	-2.63127	1	1 CTD-2319I12.3	-
ENSG00000267298	5.13E-15	-2.63127	1	1 AC006116.19	-
ENSG00000267301	5.13E-15	-2.63127	1	1 RPL23AP77	K02893
ENSG00000267303	5.13E-15	-2.63127	1	1 CTD-2369P2.12	-
ENSG00000267305	5.13E-15	-2.63127	1	1 CTD-3113P16.7	-
ENSG00000267306	5.13E-15	-2.63127	1	1 RP11-333J10.2	-
ENSG00000267308	5.13E-15	-2.63127	1	1 AC004510.3	-
ENSG00000267310	5.13E-15	-2.63127	1	1 OR4G1P	K04257
ENSG00000267311	5.13E-15	-2.63127	1	1 RP11-99A1.2	-
ENSG00000267313	5.13E-15	-2.63127	1	1 RP11-142I20.1	-
ENSG00000267314	5.13E-15	-2.63127	1	1 AC104532.2	-
ENSG00000267315	5.13E-15	-2.63127	1	1 RP11-686D22.6	K12162
ENSG00000267316	5.13E-15	-2.63127	1	1 RP11-879F14.3	-
ENSG00000267318	5.13E-15	-2.63127	1	1 RP11-178C3.1	K04688
ENSG00000267320	5.13E-15	-2.63127	1	1 AC005780.1	-
ENSG00000267324	5.13E-15	-2.63127	1	1 RP11-411B10.5	K15500
ENSG00000267325	5.13E-15	-2.63127	1	1 RP11-397A16.2	-
ENSG00000267326	5.13E-15	-2.63127	1	1 AC015849.14	K02896
ENSG00000267327	5.13E-15	-2.63127	1	1 CTD-2008L17.1	-
ENSG00000267328	5.13E-15	-2.63127	1	1 AC002398.12	-
ENSG00000267330	5.13E-15	-2.63127	1	1 AC131056.5	-
ENSG00000267333	5.13E-15	-2.63127	1	1 RP11-677O4.7	K01953
ENSG00000267335	5.13E-15	-2.63127	1	1 CTB-60B18.6	K10045
ENSG00000267336	5.13E-15	-2.63127	1	1 RP11-773H22.2	K03257
ENSG00000267337	5.13E-15	-2.63127	1	1 CTC-782O7.1	-
ENSG00000267338	5.13E-15	-2.63127	1	1 KB-7G2.9	-
ENSG00000267339	5.13E-15	-2.63127	1	1 LINC00906	-
ENSG00000267341	5.13E-15	-2.63127	1	1 RP11-640A1.3	-
ENSG00000267343	5.13E-15	-2.63127	1	1 CTC-499B15.4	K09228
ENSG00000267344	5.13E-15	-2.63127	1	1 CTB-39G8.3	-
ENSG00000267347	5.13E-15	-2.63127	1	1 AC015849.13	-
ENSG00000267349	5.13E-15	-2.63127	1	1 RP11-686D22.9	-
ENSG00000267352	5.13E-15	-2.63127	1	1 SH3GL1P3	K11247
ENSG00000267353	5.13E-15	-2.63127	1	1 CTD-2162K18.3	-
ENSG00000267354	5.13E-15	-2.63127	1	1 RP11-749H17.2	-

ENSG00000267359	5.13E-15	-2.63127	1	1 RP11-1094M14.12	_
ENSG00000267360	5.13E-15	-2.63127	1	1 CTC-454I21.3	K09228
ENSG00000267361	5.13E-15	-2.63127	1	1 LOC100421166	K14007
ENSG00000267363	5.13E-15	-2.63127	1	1 CTD-3162L10.4	_
ENSG00000267364	5.13E-15	-2.63127	1	1 RP11-47L3.1	_
ENSG00000267365	5.13E-15	-2.63127	1	1 KCNJ2-AS1	_
ENSG00000267366	5.13E-15	-2.63127	1	1 RP11-53B2.5	_
ENSG00000267368	5.13E-15	-2.63127	1	1 UPK3BL	K09228
ENSG00000267369	5.13E-15	-2.63127	1	1 RP11-1094M14.8	K03130
ENSG00000267371	5.13E-15	-2.63127	1	1 RP11-712C7.2	K04469
ENSG00000267373	5.13E-15	-2.63127	1	1 CTD-2231E14.5	_
ENSG00000267375	5.13E-15	-2.63127	1	1 CTB-186G2.4	_
ENSG00000267376	5.13E-15	-2.63127	1	1 ATP5LP6	_
ENSG00000267378	5.13E-15	-2.63127	1	1 CTC-400I9.3	_
ENSG00000267379	5.13E-15	-2.63127	1	1 CTC-548K16.5	_
ENSG00000267380	5.13E-15	-2.63127	1	1 RP11-697E22.3	_
ENSG00000267381	5.13E-15	-2.63127	1	1 CTD-2086O20.3	_
ENSG00000267382	5.13E-15	-2.63127	1	1 RP11-325K19.2	K01580
ENSG00000267383	5.13E-15	-2.63127	1	1 CTC-260E6.6	_
ENSG00000267384	5.13E-15	-2.63127	1	1 RP11-1072C15.3	_
ENSG00000267388	5.13E-15	-2.63127	1	1 AF038458.5	_
ENSG00000267389	5.13E-15	-2.63127	1	1 CTC-459F4.7	_
ENSG00000267391	5.13E-15	-2.63127	1	1 RP11-1151B14.3	_
ENSG00000267392	5.13E-15	-2.63127	1	1 CYP4F9P	K17726
ENSG00000267393	5.13E-15	-2.63127	1	1 RP11-691H4.3	_
ENSG00000267396	5.13E-15	-2.63127	1	1 RP11-845C23.3	_
ENSG00000267397	5.13E-15	-2.63127	1	1 RP11-873E20.1	_
ENSG00000267399	5.13E-15	-2.63127	1	1 RP11-456O19.5	_
ENSG00000267400	5.13E-15	-2.63127	1	1 RP11-325K19.3	_
ENSG00000267401	5.13E-15	-2.63127	1	1 RP11-396N11.1	_
ENSG00000267402	5.13E-15	-2.63127	1	1 RP11-619L19.2	_
ENSG00000267404	5.13E-15	-2.63127	1	1 RP11-49I11.2	_
ENSG00000267407	5.13E-15	-2.63127	1	1 CTD-2050I18.1	_
ENSG00000267408	5.13E-15	-2.63127	1	1 CTB-50L17.2	K02947
ENSG00000267409	5.13E-15	-2.63127	1	1 RP11-567M16.2	_
ENSG00000267413	5.13E-15	-2.63127	1	1 RP11-636O21.1	_
ENSG00000267415	5.13E-15	-2.63127	1	1 CTC-503J8.2	K15013
ENSG00000267417	5.13E-15	-2.63127	1	1 CTC-239J10.1	_
ENSG00000267418	5.13E-15	-2.63127	1	1 TCEB1P29	K03872
ENSG00000267420	5.13E-15	-2.63127	1	1 RP11-527L4.6	_
ENSG00000267421	5.13E-15	-2.63127	1	1 AC005498.3	_
ENSG00000267423	5.13E-15	-2.63127	1	1 AC005616.2	_
ENSG00000267426	5.13E-15	-2.63127	1	1 RP11-552F3.12	K16471
ENSG00000267428	5.13E-15	-2.63127	1	1 RP11-289E15.1	_
ENSG00000267429	5.13E-15	-2.63127	1	1 AC006116.15	_
ENSG00000267430	5.13E-15	-2.63127	1	1 RP11-635N19.2	K03066
ENSG00000267431	5.13E-15	-2.63127	1	1 RP11-104J23.2	_
ENSG00000267433	5.13E-15	-2.63127	1	1 CTD-2057D4.2	K08789
ENSG00000267436	5.13E-15	-2.63127	1	1 AC005786.7	_
ENSG00000267437	5.13E-15	-2.63127	1	1 CTC-454I21.4	_
ENSG00000267441	5.13E-15	-2.63127	1	1 RP1-37N7.5	_
ENSG00000267443	5.13E-15	-2.63127	1	1 AC010641.1	_
ENSG00000267444	5.13E-15	-2.63127	1	1 SMUG1P1	K10800
ENSG00000267446	5.13E-15	-2.63127	1	1 CTB-39G8.2	_
ENSG00000267447	5.13E-15	-2.63127	1	1 VN2R11P	_
ENSG00000267448	5.13E-15	-2.63127	1	1 AC010649.1	_
ENSG00000267449	5.13E-15	-2.63127	1	1 RP11-264B14.2	_
ENSG00000267450	5.13E-15	-2.63127	1	1 OR1AB1P	K04257

ENSG00000267452	5.13E-15	-2.63127	1	1 RP11-1018N14.5	--
ENSG00000267453	5.13E-15	-2.63127	1	1 AC004791.2	--
ENSG00000267456	5.13E-15	-2.63127	1	1 RP11-49I11.3	--
ENSG00000267458	5.13E-15	-2.63127	1	1 CTC-425F1.4	--
ENSG00000267459	5.13E-15	-2.63127	1	1 AC006116.27	K09228
ENSG00000267460	5.13E-15	-2.63127	1	1 CTB-186H2.1	--
ENSG00000267461	5.13E-15	-2.63127	1	1 RP11-120M18.5	--
ENSG00000267463	5.13E-15	-2.63127	1	1 UBE2V2P2	--
ENSG00000267465	5.13E-15	-2.63127	1	1 AC011525.4	--
ENSG00000267466	5.13E-15	-2.63127	1	1 RP11-13K12.5	--
ENSG00000267467	5.13E-15	-2.63127	1	1 APOC4	K09228
ENSG00000267469	5.13E-15	-2.63127	1	1 AC005944.2	--
ENSG00000267471	5.13E-15	-2.63127	1	1 RP11-1058G23.1	--
ENSG00000267472	5.13E-15	-2.63127	1	1 LOC440461	--
ENSG00000267477	5.13E-15	-2.63127	1	1 CTC-398G3.6	K13208
ENSG00000267478	5.13E-15	-2.63127	1	1 RP11-815J4.5	K04469
ENSG00000267479	5.13E-15	-2.63127	1	1 CTC-268N12.3	--
ENSG00000267482	5.13E-15	-2.63127	1	1 RNY4P13	--
ENSG00000267484	5.13E-15	-2.63127	1	1 CTC-518P12.6	--
ENSG00000267486	5.13E-15	-2.63127	1	1 GLUD1P4	K00261
ENSG00000267487	5.13E-15	-2.63127	1	1 RP11-640A1.4	--
ENSG00000267488	5.13E-15	-2.63127	1	1 AC131056.3	--
ENSG00000267489	5.13E-15	-2.63127	1	1 CTC-360P9.4	--
ENSG00000267490	5.13E-15	-2.63127	1	1 CTD-3116E22.6	K09228
ENSG00000267492	5.13E-15	-2.63127	1	1 RP1-37N7.6	--
ENSG00000267496	5.13E-15	-2.63127	1	1 FAM215A	--
ENSG00000267497	5.13E-15	-2.63127	1	1 NFE2L3P1	K09040
ENSG00000267499	5.13E-15	-2.63127	1	1 CTD-3194G12.1	--
ENSG00000267502	5.13E-15	-2.63127	1	1 CTC-550B14.8	--
ENSG00000267503	5.13E-15	-2.63127	1	1 RP11-53B2.4	--
ENSG00000267506	5.13E-15	-2.63127	1	1 RP11-13K12.1	--
ENSG00000267508	5.13E-15	-2.63127	1	1 ZNF285	K09228
ENSG00000267509	5.13E-15	-2.63127	1	1 CTD-2043I16.1	--
ENSG00000267511	5.13E-15	-2.63127	1	1 ADAD1P2	--
ENSG00000267512	5.13E-15	-2.63127	1	1 CTC-250I14.3	--
ENSG00000267513	5.13E-15	-2.63127	1	1 RP11-622J9.1	--
ENSG00000267515	5.13E-15	-2.63127	1	1 RP11-861E21.3	K11296
ENSG00000267517	5.13E-15	-2.63127	1	1 CTD-2231E14.4	--
ENSG00000267520	5.13E-15	-2.63127	1	1 RP11-373L24.1	--
ENSG00000267521	5.13E-15	-2.63127	1	1 RP11-87G24.6	--
ENSG00000267522	5.13E-15	-2.63127	1	1 CTD-2621I17.6	--
ENSG00000267524	5.13E-15	-2.63127	1	1 RPSAP57	K02998
ENSG00000267526	5.13E-15	-2.63127	1	1 RP11-178C3.6	K00710
ENSG00000267528	5.13E-15	-2.63127	1	1 AC011524.1	--
ENSG00000267529	5.13E-15	-2.63127	1	1 RP11-53B2.1	--
ENSG00000267531	5.13E-15	-2.63127	1	1 AC020922.1	K11429
ENSG00000267535	5.13E-15	-2.63127	1	1 LINC00868	--
ENSG00000267537	5.13E-15	-2.63127	1	1 AC005394.1	--
ENSG00000267542	5.13E-15	-2.63127	1	1 RP11-697E22.1	--
ENSG00000267550	5.13E-15	-2.63127	1	1 CTC-482H14.5	--
ENSG00000267552	5.13E-15	-2.63127	1	1 CTD-2528L19.4	K09228
ENSG00000267554	5.13E-15	-2.63127	1	1 RP11-686D22.10	--
ENSG00000267555	5.13E-15	-2.63127	1	1 CTD-2085J24.3	--
ENSG00000267558	5.13E-15	-2.63127	1	1 RP11-618K16.4	K02974
ENSG00000267559	5.13E-15	-2.63127	1	1 RP11-383M4.6	--
ENSG00000267563	5.13E-15	-2.63127	1	1 CTC-503J8.4	--
ENSG00000267564	5.13E-15	-2.63127	1	1 RP11-128P17.3	--
ENSG00000267565	5.13E-15	-2.63127	1	1 CTC-559E9.8	--

ENSG00000267566	5.13E-15	-2.63127	1	1 RP11-104J23.1	-
ENSG00000267570	5.13E-15	-2.63127	1	1 RP11-773H22.1	-
ENSG00000267574	5.13E-15	-2.63127	1	1 CTC-525D6.5	-
ENSG00000267576	5.13E-15	-2.63127	1	1 CTC-510F12.6	-
ENSG00000267578	5.13E-15	-2.63127	1	1 AC015849.12	-
ENSG00000267579	5.13E-15	-2.63127	1	1 RP11-126O1.2	-
ENSG00000267580	5.13E-15	-2.63127	1	1 CTD-2540B15.11	-
ENSG00000267581	5.13E-15	-2.63127	1	1 CTC-559E9.4	-
ENSG00000267585	5.13E-15	-2.63127	1	1 RP11-115P21.1	K02865
ENSG00000267586	5.13E-15	-2.63127	1	1 LINC00907	-
ENSG00000267588	5.13E-15	-2.63127	1	1 MIR1302-2	-
ENSG00000267589	5.13E-15	-2.63127	1	1 CTC-232P5.4	K02912
ENSG00000267590	5.13E-15	-2.63127	1	1 NDUFA3P1	K03947
ENSG00000267591	5.13E-15	-2.63127	1	1 RP11-689E3.2	-
ENSG00000267592	5.13E-15	-2.63127	1	1 CTC-507E2.2	-
ENSG00000267593	5.13E-15	-2.63127	1	1 RP11-108P20.4	-
ENSG00000267594	5.13E-15	-2.63127	1	1 CYP4F24P	K17730
ENSG00000267596	5.13E-15	-2.63127	1	1 CCL15	K05511
ENSG00000267597	5.13E-15	-2.63127	1	1 RPIAP1	K01807
ENSG00000267598	5.13E-15	-2.63127	1	1 CTC-250I14.6	-
ENSG00000267599	5.13E-15	-2.63127	1	1 CTD-2050I18.2	-
ENSG00000267600	5.13E-15	-2.63127	1	1 AC098474.1	-
ENSG00000267601	5.13E-15	-2.63127	1	1 RP11-323N12.5	-
ENSG00000267603	5.13E-15	-2.63127	1	1 LINC01028	-
ENSG00000267604	5.13E-15	-2.63127	1	1 RP5-905N1.2	-
ENSG00000267606	5.13E-15	-2.63127	1	1 AC006116.21	-
ENSG00000267609	5.13E-15	-2.63127	1	1 SNX33P1	-
ENSG00000267610	5.13E-15	-2.63127	1	1 AC007787.2	-
ENSG00000267611	5.13E-15	-2.63127	1	1 CTC-461H2.2	K02537
ENSG00000267612	5.13E-15	-2.63127	1	1 CTD-3116E22.7	-
ENSG00000267613	5.13E-15	-2.63127	1	1 RP11-378E13.4	-
ENSG00000267615	5.13E-15	-2.63127	1	1 RP11-552F3.13	-
ENSG00000267616	5.13E-15	-2.63127	1	1 AC016626.2	-
ENSG00000267617	5.13E-15	-2.63127	1	1 AC007795.1	-
ENSG00000267618	5.13E-15	-2.63127	1	1 RAD51L3-RFFL	K10871
ENSG00000267623	5.13E-15	-2.63127	1	1 AC022153.1	-
ENSG00000267624	5.13E-15	-2.63127	1	1 RP11-219G17.6	K15149
ENSG00000267625	5.13E-15	-2.63127	1	1 RP11-1094M14.14	-
ENSG00000267626	5.13E-15	-2.63127	1	1 AC002115.9	-
ENSG00000267627	5.13E-15	-2.63127	1	1 RP11-905K4.1	-
ENSG00000267628	5.13E-15	-2.63127	1	1 RP11-1136J12.1	-
ENSG00000267629	5.13E-15	-2.63127	1	1 AC138430.4	-
ENSG00000267630	5.13E-15	-2.63127	1	1 AC005758.1	K14802
ENSG00000267631	5.13E-15	-2.63127	1	1 CGB1	K10045
ENSG00000267634	5.13E-15	-2.63127	1	1 RPL7L1P5	-
ENSG00000267636	5.13E-15	-2.63127	1	1 AC008992.1	-
ENSG00000267638	5.13E-15	-2.63127	1	1 RP11-546M21.6	-
ENSG00000267639	5.13E-15	-2.63127	1	1 CICP19	K16941
ENSG00000267640	5.13E-15	-2.63127	1	1 CTD-2554C21.2	-
ENSG00000267641	5.13E-15	-2.63127	1	1 CTC-260E6.8	-
ENSG00000267642	5.13E-15	-2.63127	1	1 RP11-258B16.1	-
ENSG00000267643	5.13E-15	-2.63127	1	1 RP11-64C12.4	-
ENSG00000267644	5.13E-15	-2.63127	1	1 CTD-2008P7.10	-
ENSG00000267646	5.13E-15	-2.63127	1	1 CTC-499B15.7	-
ENSG00000267650	5.13E-15	-2.63127	1	1 CTD-2553C6.1	-
ENSG00000267651	5.13E-15	-2.63127	1	1 RP11-95O2.1	-
ENSG00000267652	5.13E-15	-2.63127	1	1 RP11-188I24.1	K11276
ENSG00000267656	5.13E-15	-2.63127	1	1 RP11-807E13.3	K14815

ENSG00000267658	5.13E-15	-2.63127	1	1 RP11-358B23.1	-
ENSG00000267660	5.13E-15	-2.63127	1	1 CTC-479C5.17	-
ENSG00000267661	5.13E-15	-2.63127	1	1 RP11-820I16.2	K02969
ENSG00000267662	5.13E-15	-2.63127	1	1 AC007796.1	-
ENSG00000267663	5.13E-15	-2.63127	1	1 RP11-64C12.9	K03767
ENSG00000267664	5.13E-15	-2.63127	1	1 RPL17P45	K02880
ENSG00000267665	5.13E-15	-2.63127	1	1 RP11-13K12.2	-
ENSG00000267667	5.13E-15	-2.63127	1	1 RP11-136H19.1	-
ENSG00000267668	5.13E-15	-2.63127	1	1 RP11-697E22.2	-
ENSG00000267669	5.13E-15	-2.63127	1	1 RP11-824M15.3	K02941
ENSG00000267670	5.13E-15	-2.63127	1	1 CTB-55O6.4	-
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ENSG00000267672	5.13E-15	-2.63127	1	1 CTD-2293H3.1	-
ENSG00000267674	5.13E-15	-2.63127	1	1 RP11-813F20.2	-
ENSG00000267675	5.13E-15	-2.63127	1	1 RP11-1151B14.2	-
ENSG00000267678	5.13E-15	-2.63127	1	1 RP11-15E18.3	K06840
ENSG00000267679	5.13E-15	-2.63127	1	1 EIF5AP2	K03263
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ENSG00000267683	5.13E-15	-2.63127	1	1 AC008991.1	-
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ENSG00000267688	5.13E-15	-2.63127	1	1 AC005262.2	-
ENSG00000267689	5.13E-15	-2.63127	1	1 AC010525.5	K07766
ENSG00000267690	5.13E-15	-2.63127	1	1 LDLRAD4-AS1	-
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ENSG00000267693	5.13E-15	-2.63127	1	1 CTC-559E9.2	-
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ENSG00000267695	5.13E-15	-2.63127	1	1 RP11-1030E3.1	-
ENSG00000267696	5.13E-15	-2.63127	1	1 CTB-151G24.1	-
ENSG00000267697	5.13E-15	-2.63127	1	1 LUZP6	-
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ENSG00000267702	5.13E-15	-2.63127	1	1 RP11-53B2.2	-
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ENSG00000267705	5.13E-15	-2.63127	1	1 RP11-108P20.3	-
ENSG00000267707	5.13E-15	-2.63127	1	1 RP11-95O2.5	-
ENSG00000267708	5.13E-15	-2.63127	1	1 RP11-147L13.7	K10874
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ENSG00000267713	5.13E-15	-2.63127	1	1 RP11-10I6.2	-
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ENSG00000267716	5.13E-15	-2.63127	1	1 AC083760.1	-
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ENSG00000267722	5.13E-15	-2.63127	1	1 RP11-815J4.1	-
ENSG00000267723	5.13E-15	-2.63127	1	1 CTD-2189E23.1	-
ENSG00000267725	5.13E-15	-2.63127	1	1 CTC-461H2.3	-
ENSG00000267726	5.13E-15	-2.63127	1	1 CTD-2526M8.2	-
ENSG00000267727	5.13E-15	-2.63127	1	1 CTD-2540B15.7	-
ENSG00000267731	5.13E-15	-2.63127	1	1 RP11-147L13.8	-
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ENSG00000267733	5.13E-15	-2.63127	1	1 RP11-64C12.3	-
ENSG00000267734	5.13E-15	-2.63127	1	1 RP4-604K5.3	-
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ENSG00000267748	5.13E-15	-2.63127	1	1 CTB-102L5.4	-
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ENSG00000267760	5.13E-15	-2.63127	1	1 CTC-565M22.1	-
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ENSG00000267762	5.13E-15	-2.63127	1	1 RP11-426J5.2	-
ENSG00000267764	5.13E-15	-2.63127	1	1 RP11-484L8.1	-
ENSG00000267766	5.13E-15	-2.63127	1	1 RP11-299P2.1	-
ENSG00000267767	5.13E-15	-2.63127	1	1 CTC-523E23.4	-
ENSG00000267768	5.13E-15	-2.63127	1	1 CTC-459F4.8	K11840
ENSG00000267770	5.13E-15	-2.63127	1	1 RP11-559N14.6	K15306
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ENSG00000267772	5.13E-15	-2.63127	1	1 RP11-15E18.4	-
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ENSG00000267774	5.13E-15	-2.63127	1	1 RP11-2N1.2	-
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ENSG00000267779	5.13E-15	-2.63127	1	1 CTC-360P9.3	-
ENSG00000267781	5.13E-15	-2.63127	1	1 SLC25A36P1	-
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ENSG00000267783	5.13E-15	-2.63127	1	1 CTB-55O6.10	-
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ENSG00000267787	5.13E-15	-2.63127	1	1 RP11-35G9.5	-
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ENSG00000267790	5.13E-15	-2.63127	1	1 RP11-316M20.1	-
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ENSG00000267797	5.13E-15	-2.63127	1	1 NRBF2P1	-
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ENSG00000267802	5.13E-15	-2.63127	1	1 AL358333.1	-
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ENSG00000267819	5.13E-15	-2.63127	1	1 AC092850.1	-
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ENSG00000267827	5.13E-15	-2.63127	1	1 CTC-471J1.8	-
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ENSG00000267879	5.13E-15	-2.63127	1	1 CTB-147C22.9	-
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ENSG00000267881	5.13E-15	-2.63127	1	1 CEA	K06499
ENSG00000267882	5.13E-15	-2.63127	1	1 AL031666.2	K17985
ENSG00000267883	5.13E-15	-2.63127	1	1 PRED60	-
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ENSG00000267890	5.13E-15	-2.63127	1	1 CTD-2126E3.4	-
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ENSG00000267908	5.13E-15	-2.63127	1	1 ZSCAN5D	K09230
ENSG00000267918	5.13E-15	-2.63127	1	1 AL117190.2	-
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ENSG00000267920	5.13E-15	-2.63127	1	1 SNX6P1	K17920
ENSG00000267924	5.13E-15	-2.63127	1	1 RP11-255H23.4	-
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ENSG00000267935	5.13E-15	-2.63127	1	1 AC016752.1	-
ENSG00000267937	5.13E-15	-2.63127	1	1 AP001421.1	-
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ENSG00000267942	5.13E-15	-2.63127	1	1 AC090673.2	K09488
ENSG00000267943	5.13E-15	-2.63127	1	1 CTD-2620I22.3	-
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ENSG00000267958	5.13E-15	-2.63127	1	1 CATX-2	-
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ENSG00000267963	5.13E-15	-2.63127	1	1 AC013469.1	-
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ENSG00000267979	5.13E-15	-2.63127	1	1 AC092964.2	-
ENSG00000267981	5.13E-15	-2.63127	1	1 AP003041.2	K17985
ENSG00000267984	5.13E-15	-2.63127	1	1 CTD-2616J11.9	-
ENSG00000267985	5.13E-15	-2.63127	1	1 AC005488.1	-
ENSG00000267986	5.13E-15	-2.63127	1	1 AC130469.2	-
ENSG00000267987	5.13E-15	-2.63127	1	1 AL161784.1	K17286
ENSG00000267988	5.13E-15	-2.63127	1	1 AC096582.1	-
ENSG00000267990	5.13E-15	-2.63127	1	1 CTD-3187F8.15	K10079
ENSG00000268000	5.13E-15	-2.63127	1	1 hsa-mir-150	-
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ENSG00000268024	5.13E-15	-2.63127	1	1 AC005549.3	-
ENSG00000268027	5.13E-15	-2.63127	1	1 AC006129.2	-
ENSG00000268028	5.13E-15	-2.63127	1	1 AC025262.1	-
ENSG00000268036	5.13E-15	-2.63127	1	1 AC007228.8	K09228
ENSG00000268038	5.13E-15	-2.63127	1	1 AC011516.2	-
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ENSG00000268046	5.13E-15	-2.63127	1	1 AP001094.1	K09131
ENSG00000268050	5.13E-15	-2.63127	1	1 RP11-247A12.8	-
ENSG00000268051	5.13E-15	-2.63127	1	1 CTC-244M17.1	-
ENSG00000268053	5.13E-15	-2.63127	1	1 CTC-344H19.6	K14692
ENSG00000268055	5.13E-15	-2.63127	1	1 AC067969.2	-
ENSG00000268056	5.13E-15	-2.63127	1	1 CTD-3032J10.2	-
ENSG00000268062	5.13E-15	-2.63127	1	1 TOP1P1	K03104
ENSG00000268066	5.13E-15	-2.63127	1	1 FMR1-AS1	-
ENSG00000268067	5.13E-15	-2.63127	1	1 OR5AH1P	K04257
ENSG00000268070	5.13E-15	-2.63127	1	1 AC006539.3	K15464
ENSG00000268074	5.13E-15	-2.63127	1	1 RP5-998N21.8	K02891
ENSG00000268078	5.13E-15	-2.63127	1	1 RP11-805I24.4	-
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ENSG00000268080	5.13E-15	-2.63127	1	1 AC016885.1	-
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ENSG00000268085	5.13E-15	-2.63127	1	1 AC051642.1	-
ENSG00000268088	5.13E-15	-2.63127	1	1 AC093063.2	K13334
ENSG00000268091	5.13E-15	-2.63127	1	1 AC078925.1	-
ENSG00000268095	5.13E-15	-2.63127	1	1 CTC-429C10.2	-
ENSG00000268100	5.13E-15	-2.63127	1	1 ZNF725P	K09228

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ENSG00000268105	5.13E-15	-2.63127	1	1 RP11-369G6.2	K02932
ENSG00000268107	5.13E-15	-2.63127	1	1 AC003005.4	K09228
ENSG00000268108	5.13E-15	-2.63127	1	1 CTB-60B18.12	-
ENSG00000268111	5.13E-15	-2.63127	1	1 AL031663.1	-
ENSG00000268112	5.13E-15	-2.63127	1	1 CTD-3149D2.4	-
ENSG00000268116	5.13E-15	-2.63127	1	1 RP11-157B13.1	K02880
ENSG00000268117	5.13E-15	-2.63127	1	1 VN1R84P	-
ENSG00000268119	5.13E-15	-2.63127	1	1 CTD-2561J22.5	-
ENSG00000268120	5.13E-15	-2.63127	1	1 CTD-3193O13.11	-
ENSG00000268126	5.13E-15	-2.63127	1	1 AC091948.1	-
ENSG00000268130	5.13E-15	-2.63127	1	1 AL137002.1	-
ENSG00000268133	5.13E-15	-2.63127	1	1 AC003002.4	K09228
ENSG00000268140	5.13E-15	-2.63127	1	1 PCGF7P	K11470
ENSG00000268141	5.13E-15	-2.63127	1	1 AL606500.1	-
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ENSG00000268146	5.13E-15	-2.63127	1	1 AL590483.1	-
ENSG00000268148	5.13E-15	-2.63127	1	1 VN1R91P	-
ENSG00000268149	5.13E-15	-2.63127	1	1 CTD-3193O13.13	-
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ENSG00000268154	5.13E-15	-2.63127	1	1 AL591806.1	K17985
ENSG00000268156	5.13E-15	-2.63127	1	1 FKSG61	-
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ENSG00000268164	5.13E-15	-2.63127	1	1 CTD-2337J16.1	-
ENSG00000268170	5.13E-15	-2.63127	1	1 AC073342.1	K08474
ENSG00000268171	5.13E-15	-2.63127	1	1 AC068620.1	K01587
ENSG00000268172	5.13E-15	-2.63127	1	1 AL590452.1	K09228
ENSG00000268174	5.13E-15	-2.63127	1	1 CTC-513N18.5	-
ENSG00000268181	5.13E-15	-2.63127	1	1 AC073188.1	-
ENSG00000268182	5.13E-15	-2.63127	1	1 SMIM17	-
ENSG00000268184	5.13E-15	-2.63127	1	1 RP11-420K14.8	-
ENSG00000268186	5.13E-15	-2.63127	1	1 CTC-241F20.4	-
ENSG00000268191	5.13E-15	-2.63127	1	1 CTD-2396E7.10	-
ENSG00000268192	5.13E-15	-2.63127	1	1 AP002956.1	-
ENSG00000268193	5.13E-15	-2.63127	1	1 AC002985.3	K17268
ENSG00000268194	5.13E-15	-2.63127	1	1 LINC01101	-
ENSG00000268203	5.13E-15	-2.63127	1	1 CTD-2396E7.9	-
ENSG00000268206	5.13E-15	-2.63127	1	1 AC061975.10	K04482
ENSG00000268208	5.13E-15	-2.63127	1	1 AC008372.1	-
ENSG00000268209	5.13E-15	-2.63127	1	1 RP11-618I10.3	K00699
ENSG00000268217	5.13E-15	-2.63127	1	1 AC008387.1	-
ENSG00000268220	5.13E-15	-2.63127	1	1 RP11-379K17.12	-
ENSG00000268222	5.13E-15	-2.63127	1	1 EEF1A1P7	K03231
ENSG00000268231	5.13E-15	-2.63127	1	1 CTD-2560K21.6	-
ENSG00000268234	5.13E-15	-2.63127	1	1 AL162415.2	K09571
ENSG00000268238	5.13E-15	-2.63127	1	1 IGFL1P2	-
ENSG00000268240	5.13E-15	-2.63127	1	1 RP11-678G14.4	-
ENSG00000268241	5.13E-15	-2.63127	1	1 AC018470.1	K09199
ENSG00000268242	5.13E-15	-2.63127	1	1 AC131935.1	-
ENSG00000268243	5.13E-15	-2.63127	1	1 AC005176.3	-
ENSG00000268257	5.13E-15	-2.63127	1	1 AIRN	-
ENSG00000268266	5.13E-15	-2.63127	1	1 AC003005.2	-
ENSG00000268267	5.13E-15	-2.63127	1	1 SIGLEC29P	K06473
ENSG00000268272	5.13E-15	-2.63127	1	1 VN1R78P	K04614
ENSG00000268278	5.13E-15	-2.63127	1	1 RP11-420K14.1	K09228
ENSG00000268280	5.13E-15	-2.63127	1	1 AC008914.1	K02159
ENSG00000268282	5.13E-15	-2.63127	1	1 CTD-2620I22.2	K05757
ENSG00000268287	5.13E-15	-2.63127	1	1 CTB-60B18.18	-

ENSG00000268289	5.13E-15	-2.63127	1	1 CTD-2528A14.3	-
ENSG00000268292	5.13E-15	-2.63127	1	1 AC006547.15	-
ENSG00000268293	5.13E-15	-2.63127	1	1 CTD-2623H2.7	K11352
ENSG00000268295	5.13E-15	-2.63127	1	1 RP11-248B24.4	K03024
ENSG00000268296	5.13E-15	-2.63127	1	1 CTD-2579N5.3	-
ENSG00000268301	5.13E-15	-2.63127	1	1 AC018630.1	-
ENSG00000268309	5.13E-15	-2.63127	1	1 CTD-3222D19.11	-
ENSG00000268313	5.13E-15	-2.63127	1	1 AC119673.1	-
ENSG00000268316	5.13E-15	-2.63127	1	1 AC006272.2	-
ENSG00000268317	5.13E-15	-2.63127	1	1 AC026461.1	-
ENSG00000268318	5.13E-15	-2.63127	1	1 CTD-3187F8.11	-
ENSG00000268322	5.13E-15	-2.63127	1	1 CTD-3030D20.2	-
ENSG00000268324	5.13E-15	-2.63127	1	1 LUZPP1	-
ENSG00000268326	5.13E-15	-2.63127	1	1 CTD-2542C24.8	-
ENSG00000268327	5.13E-15	-2.63127	1	1 C15ORF31	-
ENSG00000268332	5.13E-15	-2.63127	1	1 AL035406.1	K04883
ENSG00000268333	5.13E-15	-2.63127	1	1 RP4-806M20.3	-
ENSG00000268335	5.13E-15	-2.63127	1	1 CTC-513N18.3	-
ENSG00000268336	5.13E-15	-2.63127	1	1 SIGLEC20P	K06748
ENSG00000268341	5.13E-15	-2.63127	1	1 L47234.1	-
ENSG00000268342	5.13E-15	-2.63127	1	1 CTD-2340F8.1	K09571
ENSG00000268343	5.13E-15	-2.63127	1	1 AC012414.1	-
ENSG00000268344	5.13E-15	-2.63127	1	1 AL138815.2	-
ENSG00000268351	5.13E-15	-2.63127	1	1 AP001888.1	-
ENSG00000268352	5.13E-15	-2.63127	1	1 AC007228.5	-
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ENSG00000268361	5.13E-15	-2.63127	1	1 L34079.2	K10803
ENSG00000268365	5.13E-15	-2.63127	1	1 AL646016.1	-
ENSG00000268375	5.13E-15	-2.63127	1	1 CTD-2568A17.8	-
ENSG00000268387	5.13E-15	-2.63127	1	1 AL590714.1	K08758
ENSG00000268388	5.13E-15	-2.63127	1	1 FENDRR	-
ENSG00000268390	5.13E-15	-2.63127	1	1 CTC-518B2.10	-
ENSG00000268391	5.13E-15	-2.63127	1	1 RP11-241F15.6	-
ENSG00000268392	5.13E-15	-2.63127	1	1 AC003682.16	-
ENSG00000268407	5.13E-15	-2.63127	1	1 AC006115.6	K09229
ENSG00000268413	5.13E-15	-2.63127	1	1 AC003043.1	-
ENSG00000268416	5.13E-15	-2.63127	1	1 CTD-2626G11.2	-
ENSG00000268421	5.13E-15	-2.63127	1	1 AL355531.2	-
ENSG00000268424	5.13E-15	-2.63127	1	1 AC008948.1	-
ENSG00000268427	5.13E-15	-2.63127	1	1 AL022328.1	K06821
ENSG00000268432	5.13E-15	-2.63127	1	1 AC026407.1	K10761
ENSG00000268433	5.13E-15	-2.63127	1	1 RP11-420K14.2	-
ENSG00000268438	5.13E-15	-2.63127	1	1 CTD-2607J13.1	K15464
ENSG00000268442	5.13E-15	-2.63127	1	1 HAVCR1P1	-
ENSG00000268455	5.13E-15	-2.63127	1	1 RP11-359H18.2	K09228
ENSG00000268458	5.13E-15	-2.63127	1	1 CTC-471J1.9	-
ENSG00000268461	5.13E-15	-2.63127	1	1 AC007204.1	K09228
ENSG00000268465	5.13E-15	-2.63127	1	1 CTC-273B12.7	K18441
ENSG00000268467	5.13E-15	-2.63127	1	1 AP000889.3	-
ENSG00000268469	5.13E-15	-2.63127	1	1 RP11-15H20.3	-
ENSG00000268472	5.13E-15	-2.63127	1	1 AP002884.2	-
ENSG00000268473	5.13E-15	-2.63127	1	1 RP11-158I3.1	K05021
ENSG00000268475	5.13E-15	-2.63127	1	1 CTC-435M10.6	-
ENSG00000268480	5.13E-15	-2.63127	1	1 CTD-2586B10.1	-
ENSG00000268482	5.13E-15	-2.63127	1	1 AL160274.1	-
ENSG00000268483	5.13E-15	-2.63127	1	1 RPL7AP69	K02936
ENSG00000268484	5.13E-15	-2.63127	1	1 AC087477.1	-
ENSG00000268485	5.13E-15	-2.63127	1	1 AC104841.2	-

ENSG00000268488	5.13E-15	-2.63127	1	1 AC018512.1	-
ENSG00000268496	5.13E-15	-2.63127	1	1 CTD-2587H19.2	-
ENSG00000268499	5.13E-15	-2.63127	1	1 CTB-102L5.8	-
ENSG00000268500	5.13E-15	-2.63127	1	1 SIGLEC5	K06549
ENSG00000268503	5.13E-15	-2.63127	1	1 AC007421.1	-
ENSG00000268505	5.13E-15	-2.63127	1	1 RP11-805I24.3	-
ENSG00000268509	5.13E-15	-2.63127	1	1 AC026202.1	K10084
ENSG00000268519	5.13E-15	-2.63127	1	1 AC073528.1	-
ENSG00000268525	5.13E-15	-2.63127	1	1 CTB-59C6.3	-
ENSG00000268529	5.13E-15	-2.63127	1	1 CYP2T3P	K07421
ENSG00000268531	5.13E-15	-2.63127	1	1 DKFZP547L112	-
ENSG00000268532	5.13E-15	-2.63127	1	1 RP11-514D23.1	-
ENSG00000268533	5.13E-15	-2.63127	1	1 AC004076.7	K01623
ENSG00000268535	5.13E-15	-2.63127	1	1 RP11-420K14.3	-
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ENSG00000268538	5.13E-15	-2.63127	1	1 KIAA1658	-
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ENSG00000268544	5.13E-15	-2.63127	1	1 RP11-277L2.4	-
ENSG00000268545	5.13E-15	-2.63127	1	1 VN1R107P	K04614
ENSG00000268549	5.13E-15	-2.63127	1	1 RP11-295P9.8	-
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ENSG00000268553	5.13E-15	-2.63127	1	1 AC027309.1	-
ENSG00000268554	5.13E-15	-2.63127	1	1 RP11-353N4.7	-
ENSG00000268555	5.13E-15	-2.63127	1	1 RP11-678G14.3	-
ENSG00000268556	5.13E-15	-2.63127	1	1 AC012360.1	-
ENSG00000268560	5.13E-15	-2.63127	1	1 CTD-2332E11.2	-
ENSG00000268565	5.13E-15	-2.63127	1	1 AC005339.2	-
ENSG00000268566	5.13E-15	-2.63127	1	1 RP11-687D19.1	-
ENSG00000268580	5.13E-15	-2.63127	1	1 RP11-514A9.1	-
ENSG00000268581	5.13E-15	-2.63127	1	1 SIGLEC18P	K06748
ENSG00000268582	5.13E-15	-2.63127	1	1 AC005794.1	K18436
ENSG00000268589	5.13E-15	-2.63127	1	1 CTC-457E21.7	-
ENSG00000268595	5.13E-15	-2.63127	1	1 CTD-3187F8.2	-
ENSG00000268597	5.13E-15	-2.63127	1	1 RP11-157B13.8	-
ENSG00000268598	5.13E-15	-2.63127	1	1 VN1R80P	-
ENSG00000268601	5.13E-15	-2.63127	1	1 AC115522.3	-
ENSG00000268602	5.13E-15	-2.63127	1	1 AP002353.1	-
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ENSG00000268613	5.13E-15	-2.63127	1	1 CTD-2620I22.7	-
ENSG00000268614	5.13E-15	-2.63127	1	1 CTD-2207O23.10	K14676
ENSG00000268618	5.13E-15	-2.63127	1	1 AC092316.1	-
ENSG00000268620	5.13E-15	-2.63127	1	1 AC078899.4	K09228
ENSG00000268623	5.13E-15	-2.63127	1	1 CTB-52I2.3	K17759
ENSG00000268626	5.13E-15	-2.63127	1	1 AC103809.2	K10401
ENSG00000268628	5.13E-15	-2.63127	1	1 AL121761.2	-
ENSG00000268635	5.13E-15	-2.63127	1	1 DKFZP434E1119	K17985
ENSG00000268636	5.13E-15	-2.63127	1	1 CTB-33G10.11	-
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ENSG00000268652	5.13E-15	-2.63127	1	1 CTD-3187F8.7	K18932
ENSG00000268654	5.13E-15	-2.63127	1	1 MIMT1	-
ENSG00000268655	5.13E-15	-2.63127	1	1 CTB-60B18.10	-
ENSG00000268657	5.13E-15	-2.63127	1	1 AL133373.1	K11447
ENSG00000268658	5.13E-15	-2.63127	1	1 LINC00664	-
ENSG00000268659	5.13E-15	-2.63127	1	1 RP11-310J24.3	-
ENSG00000268660	5.13E-15	-2.63127	1	1 LETM1P2	K17800
ENSG00000268662	5.13E-15	-2.63127	1	1 AL596220.1	-
ENSG00000268663	5.13E-15	-2.63127	1	1 WBP1LP6	-

ENSG00000268669	5.13E-15	-2.63127	1	1 CTB-60B18.17	K12457
ENSG00000268673	5.13E-15	-2.63127	1	1 LLNLR-249E10.1	-
ENSG00000268674	5.13E-15	-2.63127	1	1 FAM231B	-
ENSG00000268677	5.13E-15	-2.63127	1	1 CTB-33G10.6	-
ENSG00000268681	5.13E-15	-2.63127	1	1 COX6CP7	K02268
ENSG00000268683	5.13E-15	-2.63127	1	1 CTD-2553L13.4	-
ENSG00000268685	5.13E-15	-2.63127	1	1 CTB-31C7.3	-
ENSG00000268696	5.13E-15	-2.63127	1	1 ZNF723	K09228
ENSG00000268702	5.13E-15	-2.63127	1	1 AL049829.1	K14396
ENSG00000268705	5.13E-15	-2.63127	1	1 CTD-2561J22.6	K15464
ENSG00000268706	5.13E-15	-2.63127	1	1 AC009802.1	K13963
ENSG00000268708	5.13E-15	-2.63127	1	1 BX088651.2	-
ENSG00000268711	5.13E-15	-2.63127	1	1 CTD-2616J11.15	-
ENSG00000268714	5.13E-15	-2.63127	1	1 CTD-2287O16.3	K13724
ENSG00000268716	5.13E-15	-2.63127	1	1 AC055736.1	-
ENSG00000268717	5.13E-15	-2.63127	1	1 AC025811.1	K15464
ENSG00000268721	5.13E-15	-2.63127	1	1 RP11-588H23.5	-
ENSG00000268723	5.13E-15	-2.63127	1	1 CTC-444N24.9	-
ENSG00000268729	5.13E-15	-2.63127	1	1 CTD-2105E13.14	-
ENSG00000268730	5.13E-15	-2.63127	1	1 AC022819.2	-
ENSG00000268731	5.13E-15	-2.63127	1	1 CTD-2561J22.1	K13628
ENSG00000268734	5.13E-15	-2.63127	1	1 CTB-61M7.2	-
ENSG00000268735	5.13E-15	-2.63127	1	1 AL139080.1	-
ENSG00000268736	5.13E-15	-2.63127	1	1 RP11-1281K21.6	-
ENSG00000268739	5.13E-15	-2.63127	1	1 CTC-518B2.12	-
ENSG00000268744	5.13E-15	-2.63127	1	1 CTD-3105H18.14	K09228
ENSG00000268745	5.13E-15	-2.63127	1	1 RP11-298J23.9	-
ENSG00000268750	5.13E-15	-2.63127	1	1 CTD-2583A14.10	K09228
ENSG00000268754	5.13E-15	-2.63127	1	1 LINC01081	-
ENSG00000268759	5.13E-15	-2.63127	1	1 AC135983.2	K11447
ENSG00000268777	5.13E-15	-2.63127	1	1 CTD-3073N11.9	-
ENSG00000268781	5.13E-15	-2.63127	1	1 AL590235.1	-
ENSG00000268784	5.13E-15	-2.63127	1	1 MGC2752	K04613
ENSG00000268789	5.13E-15	-2.63127	1	1 VN1R87P	-
ENSG00000268790	5.13E-15	-2.63127	1	1 CTC-429P9.4	K15169
ENSG00000268794	5.13E-15	-2.63127	1	1 VN1R90P	K04614
ENSG00000268797	5.13E-15	-2.63127	1	1 CTC-490E21.12	K07417
ENSG00000268799	5.13E-15	-2.63127	1	1 RP11-321E2.13	K11253
ENSG00000268800	5.13E-15	-2.63127	1	1 AC112205.1	K10145
ENSG00000268802	5.13E-15	-2.63127	1	1 CTD-2587H19.1	-
ENSG00000268803	5.13E-15	-2.63127	1	1 RP11-704M14.2	-
ENSG00000268804	5.13E-15	-2.63127	1	1 RP11-542M13.3	-
ENSG00000268809	5.13E-15	-2.63127	1	1 AC012360.2	-
ENSG00000268810	5.13E-15	-2.63127	1	1 AC007193.9	-
ENSG00000268816	5.13E-15	-2.63127	1	1 CTD-3093M3.1	-
ENSG00000268818	5.13E-15	-2.63127	1	1 AL049747.1	K06115
ENSG00000268819	5.13E-15	-2.63127	1	1 AL590812.1	K09571
ENSG00000268821	5.13E-15	-2.63127	1	1 AC068039.1	-
ENSG00000268822	5.13E-15	-2.63127	1	1 AC011298.1	-
ENSG00000268823	5.13E-15	-2.63127	1	1 CTC-457E21.6	-
ENSG00000268830	5.13E-15	-2.63127	1	1 AC025811.2	-
ENSG00000268833	5.13E-15	-2.63127	1	1 AC011513.4	-
ENSG00000268834	5.13E-15	-2.63127	1	1 OR7A1P	K04257
ENSG00000268839	5.13E-15	-2.63127	1	1 CTD-3073N11.7	K10079
ENSG00000268842	5.13E-15	-2.63127	1	1 CTD-2245F17.2	-
ENSG00000268845	5.13E-15	-2.63127	1	1 RP11-1137G4.3	-
ENSG00000268847	5.13E-15	-2.63127	1	1 SIGLEC31P	-
ENSG00000268854	5.13E-15	-2.63127	1	1 CTD-2545M3.2	-

ENSG00000268857	5.13E-15	-2.63127	1	1 AC011308.1	-
ENSG00000268858	5.13E-15	-2.63127	1	1 C20ORF135	-
ENSG00000268861	5.13E-15	-2.63127	1	1 CTD-2207O23.3	-
ENSG00000268864	5.13E-15	-2.63127	1	1 CTB-167G5.5	K12581
ENSG00000268865	5.13E-15	-2.63127	1	1 AC026310.1	K00826
ENSG00000268870	5.13E-15	-2.63127	1	1 CTD-3105H18.16	K09228
ENSG00000268873	5.13E-15	-2.63127	1	1 RP11-138H11.1	-
ENSG00000268882	5.13E-15	-2.63127	1	1 AL360181.1	K00308
ENSG00000268884	5.13E-15	-2.63127	1	1 CTD-2550O8.7	K02880
ENSG00000268886	5.13E-15	-2.63127	1	1 CTD-3099C6.7	-
ENSG00000268889	5.13E-15	-2.63127	1	1 CTD-2616J11.14	-
ENSG00000268892	5.13E-15	-2.63127	1	1 CTD-3233P19.8	K09228
ENSG00000268894	5.13E-15	-2.63127	1	1 PLCE1-AS1	-
ENSG00000268895	5.13E-15	-2.63127	1	1 A1BG-AS1	-
ENSG00000268896	5.13E-15	-2.63127	1	1 RP11-256I23.1	-
ENSG00000268898	5.13E-15	-2.63127	1	1 AC007377.1	-
ENSG00000268903	5.13E-15	-2.63127	1	1 RP11-34P13.15	-
ENSG00000268906	5.13E-15	-2.63127	1	1 CTC-518B2.9	-
ENSG00000268908	5.13E-15	-2.63127	1	1 VN1R92P	-
ENSG00000268922	5.13E-15	-2.63127	1	1 CTD-2557P19.4	-
ENSG00000268923	5.13E-15	-2.63127	1	1 AL645922.1	-
ENSG00000268925	5.13E-15	-2.63127	1	1 AL161645.2	K07415
ENSG00000268926	5.13E-15	-2.63127	1	1 DKFZP434H0512	-
ENSG00000268936	5.13E-15	-2.63127	1	1 AP003062.1	-
ENSG00000268948	5.13E-15	-2.63127	1	1 AC004017.1	K18047
ENSG00000268949	5.13E-15	-2.63127	1	1 MRPS17P1	K15696
ENSG00000268950	5.13E-15	-2.63127	1	1 AC114494.1	-
ENSG00000268951	5.13E-15	-2.63127	1	1 RP11-149F8.3	-
ENSG00000268953	5.13E-15	-2.63127	1	1 AC020952.1	-
ENSG00000268955	5.13E-15	-2.63127	1	1 LRLE1	-
ENSG00000268957	5.13E-15	-2.63127	1	1 SIGLEC26P	K06473
ENSG00000268960	5.13E-15	-2.63127	1	1 AC091150.1	-
ENSG00000268967	5.13E-15	-2.63127	1	1 RP11-1281K21.10	K03880
ENSG00000268970	5.13E-15	-2.63127	1	1 CTD-3099C6.11	-
ENSG00000268975	5.13E-15	-2.63127	1	1 MIA-RAB4B	K07880
ENSG00000268977	5.13E-15	-2.63127	1	1 PIH1	-
ENSG00000268981	5.13E-15	-2.63127	1	1 CTC-457E21.9	-
ENSG00000268983	5.13E-15	-2.63127	1	1 AC005253.4	-
ENSG00000268985	5.13E-15	-2.63127	1	1 CTD-2528A14.1	-
ENSG00000268987	5.13E-15	-2.63127	1	1 CTC-435M10.10	-
ENSG00000268991	5.13E-15	-2.63127	1	1 FAM231C	-
ENSG00000268992	5.13E-15	-2.63127	1	1 CTB-175P5.2	-
ENSG00000268993	5.13E-15	-2.63127	1	1 RP11-439A17.5	K02891
ENSG00000268997	5.13E-15	-2.63127	1	1 DNAJC19P3	K09539
ENSG00000269000	5.13E-15	-2.63127	1	1 AC108868.1	-
ENSG00000269001	5.13E-15	-2.63127	1	1 ZNF818P	K09228
ENSG00000269009	5.13E-15	-2.63127	1	1 SLC6A21P	-
ENSG00000269011	5.13E-15	-2.63127	1	1 AL050303.1	-
ENSG00000269012	5.13E-15	-2.63127	1	1 KRT18P40	K07604
ENSG00000269014	5.13E-15	-2.63127	1	1 CTB-147N14.4	-
ENSG00000269021	5.13E-15	-2.63127	1	1 CTD-3187F8.12	K06773
ENSG00000269025	5.13E-15	-2.63127	1	1 CTC-457E21.5	-
ENSG00000269026	5.13E-15	-2.63127	1	1 AC003006.7	K09228
ENSG00000269027	5.13E-15	-2.63127	1	1 AC010368.2	-
ENSG00000269032	5.13E-15	-2.63127	1	1 AC016629.7	K05073
ENSG00000269035	5.13E-15	-2.63127	1	1 CTD-2521M24.10	-
ENSG00000269037	5.13E-15	-2.63127	1	1 CTC-523E23.6	-
ENSG00000269038	5.13E-15	-2.63127	1	1 AP001462.6	-

ENSG00000269040	5.13E-15	-2.63127	1	1 CTD-2626G11.3	--
ENSG00000269042	5.13E-15	-2.63127	1	1 AP001925.1	--
ENSG00000269043	5.13E-15	-2.63127	1	1 CTC-513N18.6	--
ENSG00000269047	5.13E-15	-2.63127	1	1 AC009041.2	--
ENSG00000269048	5.13E-15	-2.63127	1	1 Z98049.1	K17985
ENSG00000269049	5.13E-15	-2.63127	1	1 AC092291.2	--
ENSG00000269050	5.13E-15	-2.63127	1	1 CTC-360G5.6	--
ENSG00000269051	5.13E-15	-2.63127	1	1 CTD-2245F17.3	--
ENSG00000269053	5.13E-15	-2.63127	1	1 CTD-2521M24.8	--
ENSG00000269055	5.13E-15	-2.63127	1	1 AC078899.2	--
ENSG00000269064	5.13E-15	-2.63127	1	1 AL160286.1	--
ENSG00000269067	5.13E-15	-2.63127	1	1 ZNF728	K09228
ENSG00000269071	5.13E-15	-2.63127	1	1 AC138517.1	--
ENSG00000269072	5.13E-15	-2.63127	1	1 CTD-3187F8.14	--
ENSG00000269074	5.13E-15	-2.63127	1	1 AC099344.1	--
ENSG00000269082	5.13E-15	-2.63127	1	1 CTD-2620I22.1	--
ENSG00000269084	5.13E-15	-2.63127	1	1 AC009977.1	K17985
ENSG00000269085	5.13E-15	-2.63127	1	1 CTD-3222D19.10	--
ENSG00000269086	5.13E-15	-2.63127	1	1 CTC-523E23.5	--
ENSG00000269091	5.13E-15	-2.63127	1	1 CTD-2126E3.3	--
ENSG00000269093	5.13E-15	-2.63127	1	1 AC007773.3	--
ENSG00000269094	5.13E-15	-2.63127	1	1 AC006449.1	--
ENSG00000269095	5.13E-15	-2.63127	1	1 AC010646.3	K08549
ENSG00000269099	5.13E-15	-2.63127	1	1 LSP1	K14957
ENSG00000269103	5.13E-15	-2.63127	1	1 AC002472.1	K16467
ENSG00000269104	5.13E-15	-2.63127	1	1 AL035681.1	--
ENSG00000269106	5.13E-15	-2.63127	1	1 CTD-2619J13.23	--
ENSG00000269107	5.13E-15	-2.63127	1	1 RP11-15H20.7	--
ENSG00000269110	5.13E-15	-2.63127	1	1 CTC-513N18.7	--
ENSG00000269117	5.13E-15	-2.63127	1	1 AL121901.1	--
ENSG00000269118	5.13E-15	-2.63127	1	1 FAM90A28P	--
ENSG00000269119	5.13E-15	-2.63127	1	1 HNRNPA1P52	K12741
ENSG00000269120	5.13E-15	-2.63127	1	1 AL133318.1	--
ENSG00000269121	5.13E-15	-2.63127	1	1 AC007216.2	K09488
ENSG00000269124	5.13E-15	-2.63127	1	1 AC007193.10	--
ENSG00000269130	5.13E-15	-2.63127	1	1 SIGLEC28P	--
ENSG00000269136	5.13E-15	-2.63127	1	1 RP11-420K14.7	--
ENSG00000269138	5.13E-15	-2.63127	1	1 ZNF209P	K09228
ENSG00000269139	5.13E-15	-2.63127	1	1 CTD-3193O13.8	--
ENSG00000269145	5.13E-15	-2.63127	1	1 AC007192.6	--
ENSG00000269147	5.13E-15	-2.63127	1	1 CTD-2542C24.7	K07604
ENSG00000269151	5.13E-15	-2.63127	1	1 AC007193.8	--
ENSG00000269154	5.13E-15	-2.63127	1	1 AC006539.4	K15464
ENSG00000269155	5.13E-15	-2.63127	1	1 AL009178.1	K09228
ENSG00000269163	5.13E-15	-2.63127	1	1 CTB-25J19.9	--
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ENSG00000269177	5.13E-15	-2.63127	1	1 L34079.3	--
ENSG00000269179	5.13E-15	-2.63127	1	1 CTC-326K19.6	K14306
ENSG00000269181	5.13E-15	-2.63127	1	1 CTD-3073N11.5	--
ENSG00000269182	5.13E-15	-2.63127	1	1 AC010760.1	--
ENSG00000269185	5.13E-15	-2.63127	1	1 FLJ00325	--
ENSG00000269186	5.13E-15	-2.63127	1	1 LINC01082	--
ENSG00000269188	5.13E-15	-2.63127	1	1 CTB-60E11.12	K13334
ENSG00000269189	5.13E-15	-2.63127	1	1 RP11-573N10.1	--
ENSG00000269194	5.13E-15	-2.63127	1	1 AC006942.4	--
ENSG00000269197	5.13E-15	-2.63127	1	1 AC090574.1	--
ENSG00000269199	5.13E-15	-2.63127	1	1 AC003973.5	--
ENSG00000269205	5.13E-15	-2.63127	1	1 AC005606.1	K17934

ENSG00000269210	5.13E-15	-2.63127	1	1 AC019171.1	-
ENSG00000269215	5.13E-15	-2.63127	1	1 AC008964.1	-
ENSG00000269220	5.13E-15	-2.63127	1	1 LINC00528	-
ENSG00000269223	5.13E-15	-2.63127	1	1 AL158091.1	-
ENSG00000269225	5.13E-15	-2.63127	1	1 RP11-15E1.3	K13676
ENSG00000269228	5.13E-15	-2.63127	1	1 CTD-3214H19.12	K02977
ENSG00000269236	5.13E-15	-2.63127	1	1 CTD-2619J13.1	K09228
ENSG00000269237	5.13E-15	-2.63127	1	1 CTD-2561J22.3	K09228
ENSG00000269244	5.13E-15	-2.63127	1	1 RPL23AP78	K02893
ENSG00000269253	5.13E-15	-2.63127	1	1 SIGLEC21P	-
ENSG00000269256	5.13E-15	-2.63127	1	1 RP11-325D15.2	-
ENSG00000269259	5.13E-15	-2.63127	1	1 HUG1	-
ENSG00000269266	5.13E-15	-2.63127	1	1 DNAJC19P2	K09539
ENSG00000269267	5.13E-15	-2.63127	1	1 AC008498.1	-
ENSG00000269271	5.13E-15	-2.63127	1	1 CTB-83J4.2	-
ENSG00000269274	5.13E-15	-2.63127	1	1 AC078899.3	K09228
ENSG00000269288	5.13E-15	-2.63127	1	1 CTD-2245F17.6	-
ENSG00000269289	5.13E-15	-2.63127	1	1 CTB-92J24.3	-
ENSG00000269291	5.13E-15	-2.63127	1	1 AC010877.1	K15696
ENSG00000269292	5.13E-15	-2.63127	1	1 CTB-12A17.3	-
ENSG00000269295	5.13E-15	-2.63127	1	1 AL358113.1	-
ENSG00000269300	5.13E-15	-2.63127	1	1 CTD-2529P6.3	-
ENSG00000269302	5.13E-15	-2.63127	1	1 AC110771.1	-
ENSG00000269303	5.13E-15	-2.63127	1	1 CTD-2527I21.7	-
ENSG00000269307	5.13E-15	-2.63127	1	1 CTD-2278I10.6	-
ENSG00000269308	5.13E-15	-2.63127	1	1 AL645608.2	-
ENSG00000269316	5.13E-15	-2.63127	1	1 CTC-457E21.4	K10876
ENSG00000269320	5.13E-15	-2.63127	1	1 VN1R93P	-
ENSG00000269332	5.13E-15	-2.63127	1	1 CTC-457E21.3	-
ENSG00000269339	5.13E-15	-2.63127	1	1 AC139768.1	-
ENSG00000269345	5.13E-15	-2.63127	1	1 VN1R85P	-
ENSG00000269349	5.13E-15	-2.63127	1	1 CTD-3099C6.5	-
ENSG00000269350	5.13E-15	-2.63127	1	1 CTD-2278I10.1	-
ENSG00000269353	5.13E-15	-2.63127	1	1 AC092071.1	-
ENSG00000269354	5.13E-15	-2.63127	1	1 AC005626.3	-
ENSG00000269356	5.13E-15	-2.63127	1	1 RP11-120K24.4	-
ENSG00000269360	5.13E-15	-2.63127	1	1 AC112693.2	K12581
ENSG00000269364	5.13E-15	-2.63127	1	1 CTC-457E21.2	-
ENSG00000269365	5.13E-15	-2.63127	1	1 RP11-380M21.4	-
ENSG00000269367	5.13E-15	-2.63127	1	1 AC020629.1	-
ENSG00000269371	5.13E-15	-2.63127	1	1 CTD-2207O23.11	-
ENSG00000269372	5.13E-15	-2.63127	1	1 CTC-513N18.4	K08789
ENSG00000269373	5.13E-15	-2.63127	1	1 CTD-2542C24.3	K09228
ENSG00000269375	5.13E-15	-2.63127	1	1 AL117190.3	K12581
ENSG00000269376	5.13E-15	-2.63127	1	1 RP11-120K24.5	-
ENSG00000269383	5.13E-15	-2.63127	1	1 AC012493.2	K08738
ENSG00000269385	5.13E-15	-2.63127	1	1 CTC-312O10.2	K04591
ENSG00000269387	5.13E-15	-2.63127	1	1 RP11-298J23.8	-
ENSG00000269391	5.13E-15	-2.63127	1	1 RP11-194G10.3	-
ENSG00000269392	5.13E-15	-2.63127	1	1 CTB-191K22.6	-
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ENSG00000269396	5.13E-15	-2.63127	1	1 AC187652.1	-
ENSG00000269400	5.13E-15	-2.63127	1	1 CTD-2529P6.4	-
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ENSG00000269408	5.13E-15	-2.63127	1	1 AL390778.1	-
ENSG00000269410	5.13E-15	-2.63127	1	1 CTB-60E11.4	-
ENSG00000269415	5.13E-15	-2.63127	1	1 NPCDR1	-
ENSG00000269416	5.13E-15	-2.63127	1	1 CTB-175P5.4	-

ENSG00000269417	5.13E-15	-2.63127	1	1 AC022210.1	-
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ENSG00000269420	5.13E-15	-2.63127	1	1 CTD-2265M8.2	-
ENSG00000269421	5.13E-15	-2.63127	1	1 ZNF92P3	K09228
ENSG00000269422	5.13E-15	-2.63127	1	1 AC092384.1	-
ENSG00000269444	5.13E-15	-2.63127	1	1 CTB-180A7.6	-
ENSG00000269445	5.13E-15	-2.63127	1	1 AC067969.1	-
ENSG00000269446	5.13E-15	-2.63127	1	1 AC006967.1	K12581
ENSG00000269449	5.13E-15	-2.63127	1	1 AC002451.1	K11447
ENSG00000269458	5.13E-15	-2.63127	1	1 CTD-2579N5.4	K08789
ENSG00000269460	5.13E-15	-2.63127	1	1 AC093063.3	-
ENSG00000269463	5.13E-15	-2.63127	1	1 RP11-727F15.13	-
ENSG00000269464	5.13E-15	-2.63127	1	1 AC012067.1	-
ENSG00000269468	5.13E-15	-2.63127	1	1 AC004824.2	K17985
ENSG00000269469	5.13E-15	-2.63127	1	1 CTD-3148I10.9	K05454
ENSG00000269471	5.13E-15	-2.63127	1	1 RP11-15H20.2	-
ENSG00000269474	5.13E-15	-2.63127	1	1 BX649597.4	K09571
ENSG00000269480	5.13E-15	-2.63127	1	1 CTD-3032J10.3	-
ENSG00000269483	5.13E-15	-2.63127	1	1 AC006272.1	-
ENSG00000269490	5.13E-15	-2.63127	1	1 SBP1	-
ENSG00000269494	5.13E-15	-2.63127	1	1 AL359693.1	-
ENSG00000269495	5.13E-15	-2.63127	1	1 CTB-147C22.8	-
ENSG00000269496	5.13E-15	-2.63127	1	1 AC007919.2	-
ENSG00000269504	5.13E-15	-2.63127	1	1 AC003973.4	-
ENSG00000269505	5.13E-15	-2.63127	1	1 ZNF92P2	K09228
ENSG00000269506	5.13E-15	-2.63127	1	1 AC110792.1	-
ENSG00000269509	5.13E-15	-2.63127	1	1 CTB-159G17.2	-
ENSG00000269510	5.13E-15	-2.63127	1	1 FLJ00273	-
ENSG00000269514	5.13E-15	-2.63127	1	1 DKFZP779L1853	K02927
ENSG00000269515	5.13E-15	-2.63127	1	1 AL137026.1	-
ENSG00000269519	5.13E-15	-2.63127	1	1 AC005176.1	-
ENSG00000269524	5.13E-15	-2.63127	1	1 CTB-83J4.1	-
ENSG00000269529	5.13E-15	-2.63127	1	1 AC140061.12	K11447
ENSG00000269531	5.13E-15	-2.63127	1	1 AC073569.1	-
ENSG00000269533	5.13E-15	-2.63127	1	1 AC003002.6	K09228
ENSG00000269535	5.13E-15	-2.63127	1	1 CTD-2525I3.6	-
ENSG00000269540	5.13E-15	-2.63127	1	1 CTD-2126E3.5	K09228
ENSG00000269543	5.13E-15	-2.63127	1	1 CTD-2291D10.3	-
ENSG00000269545	5.13E-15	-2.63127	1	1 CTD-3138B18.4	K09228
ENSG00000269546	5.13E-15	-2.63127	1	1 CTD-2396E7.8	K05024
ENSG00000269547	5.13E-15	-2.63127	1	1 CTC-360G5.8	K01875
ENSG00000269552	5.13E-15	-2.63127	1	1 AC005255.5	K04257
ENSG00000269553	5.13E-15	-2.63127	1	1 U62631.5	-
ENSG00000269554	5.13E-15	-2.63127	1	1 AL590822.2	K17985
ENSG00000269558	5.13E-15	-2.63127	1	1 AC104057.1	K14958
ENSG00000269563	5.13E-15	-2.63127	1	1 AC138655.1	K09228
ENSG00000269564	5.13E-15	-2.63127	1	1 AC008753.4	-
ENSG00000269565	5.13E-15	-2.63127	1	1 GPR32P1	K08381
ENSG00000269574	5.13E-15	-2.63127	1	1 CTD-2611O12.7	-
ENSG00000269575	5.13E-15	-2.63127	1	1 RP11-157B13.3	-
ENSG00000269576	5.13E-15	-2.63127	1	1 HNRNPMP2	K12887
ENSG00000269580	5.13E-15	-2.63127	1	1 SIGLEC27P	-
ENSG00000269583	5.13E-15	-2.63127	1	1 L34079.4	-
ENSG00000269588	5.13E-15	-2.63127	1	1 CTB-60E11.11	K13334
ENSG00000269590	5.13E-15	-2.63127	1	1 CTD-2192J16.24	K12311
ENSG00000269599	5.13E-15	-2.63127	1	1 RP11-261P24.2	-
ENSG00000269601	5.13E-15	-2.63127	1	1 AP000758.1	K07532
ENSG00000269604	5.13E-15	-2.63127	1	1 AC005523.2	-

ENSG00000269605	5.13E-15	-2.63127	1	1 Z97053.1	-
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ENSG00000269615	5.13E-15	-2.63127	1	1 AC003973.1	-
ENSG00000269620	5.13E-15	-2.63127	1	1 AL590560.1	-
ENSG00000269621	5.13E-15	-2.63127	1	1 RP11-98D18.15	-
ENSG00000269622	5.13E-15	-2.63127	1	1 RP11-80F22.2	-
ENSG00000269630	5.13E-15	-2.63127	1	1 AC015989.2	-
ENSG00000269633	5.13E-15	-2.63127	1	1 AC017081.1	-
ENSG00000269635	5.13E-15	-2.63127	1	1 AC004257.1	-
ENSG00000269636	5.13E-15	-2.63127	1	1 AC010441.1	-
ENSG00000269637	5.13E-15	-2.63127	1	1 RPL12P41	K02870
ENSG00000269641	5.13E-15	-2.63127	1	1 CTB-167G5.6	K13865
ENSG00000269646	5.13E-15	-2.63127	1	1 CTD-2331H12.7	-
ENSG00000269647	5.13E-15	-2.63127	1	1 BX842679.1	K16467
ENSG00000269650	5.13E-15	-2.63127	1	1 AL121895.1	-
ENSG00000269651	5.13E-15	-2.63127	1	1 CTD-3020H12.3	K03844
ENSG00000269662	5.13E-15	-2.63127	1	1 RP11-255H23.3	K15464
ENSG00000269667	5.13E-15	-2.63127	1	1 RP11-542M13.2	-
ENSG00000269676	5.13E-15	-2.63127	1	1 MUC8	-
ENSG00000269678	5.13E-15	-2.63127	1	1 OR7A18P	K04257
ENSG00000269679	5.13E-15	-2.63127	1	1 AC018445.1	-
ENSG00000269681	5.13E-15	-2.63127	1	1 CTD-3187F8.6	K06499
ENSG00000269686	5.13E-15	-2.63127	1	1 AC011755.1	-
ENSG00000269690	5.13E-15	-2.63127	1	1 AC096677.1	K16776
ENSG00000269692	5.13E-15	-2.63127	1	1 RP11-45O22.1	K09571
ENSG00000269694	5.13E-15	-2.63127	1	1 AC005197.2	-
ENSG00000269696	5.13E-15	-2.63127	1	1 AC007228.11	-
ENSG00000269699	5.13E-15	-2.63127	1	1 ZIM2	K09229
ENSG00000269706	5.13E-15	-2.63127	1	1 CTB-60B18.15	K12457
ENSG00000269707	5.13E-15	-2.63127	1	1 RP11-13J10.1	-
ENSG00000269709	5.13E-15	-2.63127	1	1 AL109659.1	-
ENSG00000269711	5.13E-15	-2.63127	1	1 CTD-3214H19.16	K10840
ENSG00000269721	5.13E-15	-2.63127	1	1 RPL23AP51	K02893
ENSG00000269732	5.13E-15	-2.63127	1	1 WBP1LP7	-
ENSG00000269738	5.13E-15	-2.63127	1	1 AL162424.1	-
ENSG00000269741	5.13E-15	-2.63127	1	1 KLK9	K09618
ENSG00000269742	5.13E-15	-2.63127	1	1 CTB-135N1.2	-
ENSG00000269745	5.13E-15	-2.63127	1	1 AC006262.10	-
ENSG00000269749	5.13E-15	-2.63127	1	1 AC005614.5	-
ENSG00000269751	5.13E-15	-2.63127	1	1 CTC-273B12.8	-
ENSG00000269752	5.13E-15	-2.63127	1	1 CTD-3149D2.3	-
ENSG00000269755	5.13E-15	-2.63127	1	1 CTD-3105H18.18	K09228
ENSG00000269758	5.13E-15	-2.63127	1	1 CTD-2245F17.9	-
ENSG00000269761	5.13E-15	-2.63127	1	1 RP11-1137G4.4	-
ENSG00000269763	5.13E-15	-2.63127	1	1 EXOSC3P2	K03681
ENSG00000269765	5.13E-15	-2.63127	1	1 CTB-187L3.1	K17597
ENSG00000269766	5.13E-15	-2.63127	1	1 AL356215.1	-
ENSG00000269774	5.13E-15	-2.63127	1	1 AC005399.1	K17985
ENSG00000269776	5.13E-15	-2.63127	1	1 DPPA5P1	-
ENSG00000269779	5.13E-15	-2.63127	1	1 CTD-2542C24.2	K09228
ENSG00000269782	5.13E-15	-2.63127	1	1 MIR1470	-
ENSG00000269783	5.13E-15	-2.63127	1	1 GOLGA7B	-
ENSG00000269786	5.13E-15	-2.63127	1	1 CTC-258N23.3	-
ENSG00000269787	5.13E-15	-2.63127	1	1 OR7A3P	K04257
ENSG00000269788	5.13E-15	-2.63127	1	1 RP11-399F4.2	-
ENSG00000269792	5.13E-15	-2.63127	1	1 CTB-60E11.9	-
ENSG00000269793	5.13E-15	-2.63127	1	1 AC006115.3	-

ENSG00000269795	5.13E-15	-2.63127	1	1 AC092782.1	--
ENSG00000269796	5.13E-15	-2.63127	1	1 AC011516.1	--
ENSG00000269799	5.13E-15	-2.63127	1	1 CTD-2538G9.6	--
ENSG00000269800	5.13E-15	-2.63127	1	1 PLEKHA3P1	--
ENSG00000269802	5.13E-15	-2.63127	1	1 CTB-180A7.3	--
ENSG00000269804	5.13E-15	-2.63127	1	1 AL353354.2	--
ENSG00000269807	5.13E-15	-2.63127	1	1 AC007292.4	--
ENSG00000269808	5.13E-15	-2.63127	1	1 AC010327.2	K18575
ENSG00000269810	5.13E-15	-2.63127	1	1 AC015660.1	--
ENSG00000269811	5.13E-15	-2.63127	1	1 SCGB2B3P	--
ENSG00000269813	5.13E-15	-2.63127	1	1 CTD-3193O13.14	--
ENSG00000269821	5.13E-15	-2.63127	1	1 KCNQ1OT1	--
ENSG00000269825	5.13E-15	-2.63127	1	1 CTD-3099C6.9	--
ENSG00000269826	5.13E-15	-2.63127	1	1 RP11-158I3.3	--
ENSG00000269831	5.13E-15	-2.63127	1	1 AL669831.1	K11447
ENSG00000269836	5.13E-15	-2.63127	1	1 CTD-3032J10.4	--
ENSG00000269837	5.13E-15	-2.63127	1	1 RP11-15H20.5	--
ENSG00000269839	5.13E-15	-2.63127	1	1 CTD-3233P19.7	K09228
ENSG00000269842	5.13E-15	-2.63127	1	1 MIR519A2	--
ENSG00000269845	5.13E-15	-2.63127	1	1 RP11-420K14.6	--
ENSG00000269848	5.13E-15	-2.63127	1	1 RP11-128IK21.9	--
ENSG00000269855	5.13E-15	-2.63127	1	1 AC012313.1	--
ENSG00000269866	5.13E-15	-2.63127	1	1 FKSG63	--
ENSG00000269871	5.13E-15	-2.63127	1	1 AC040977.1	K19770
ENSG00000269873	5.13E-15	-2.63127	1	1 CTD-2587H19.3	--
ENSG00000269877	5.13E-15	-2.63127	1	1 MIR371B	--
ENSG00000269879	5.13E-15	-2.63127	1	1 AL353583.1	--
ENSG00000269883	5.13E-15	-2.63127	1	1 AC007375.1	--
ENSG00000269885	5.13E-15	-2.63127	1	1 VN1R79P	K04614
ENSG00000269886	5.13E-15	-2.63127	1	1 RP11-266J6.2	--
ENSG00000269888	5.13E-15	-2.63127	1	1 RP11-3P17.5	--
ENSG00000269891	5.13E-15	-2.63127	1	1 ARHGAP19-SLIT1	--
ENSG00000269897	5.13E-15	-2.63127	1	1 COMMD3-BMI1	K11459
ENSG00000269902	5.13E-15	-2.63127	1	1 RP6-99M1.3	--
ENSG00000269904	5.13E-15	-2.63127	1	1 MAP2K4P1	K04430
ENSG00000269905	5.13E-15	-2.63127	1	1 RP11-271K21.11	--
ENSG00000269907	5.13E-15	-2.63127	1	1 RP11-330M2.4	K13784
ENSG00000269908	5.13E-15	-2.63127	1	1 RP11-1406H17.1	--
ENSG00000269909	5.13E-15	-2.63127	1	1 RP11-489N22.3	--
ENSG00000269911	5.13E-15	-2.63127	1	1 FAM226B	--
ENSG00000269916	5.13E-15	-2.63127	1	1 RP11-193M21.1	--
ENSG00000269918	5.13E-15	-2.63127	1	1 AF131215.9	--
ENSG00000269920	5.13E-15	-2.63127	1	1 RP11-690P14.4	K19352
ENSG00000269923	5.13E-15	-2.63127	1	1 RP11-214K3.24	--
ENSG00000269926	5.13E-15	-2.63127	1	1 RP11-442H21.2	--
ENSG00000269930	5.13E-15	-2.63127	1	1 RP11-932O9.9	--
ENSG00000269931	5.13E-15	-2.63127	1	1 RP5-1069C8.3	--
ENSG00000269933	5.13E-15	-2.63127	1	1 RP3-333A15.2	--
ENSG00000269936	5.13E-15	-2.63127	1	1 MIR145	--
ENSG00000269939	5.13E-15	-2.63127	1	1 RP11-727A23.11	--
ENSG00000269941	5.13E-15	-2.63127	1	1 RP5-1172N10.4	--
ENSG00000269944	5.13E-15	-2.63127	1	1 RP11-770J1.7	--
ENSG00000269945	5.13E-15	-2.63127	1	1 RP6-91H8.5	--
ENSG00000269948	5.13E-15	-2.63127	1	1 RP11-248J23.6	K19352
ENSG00000269950	5.13E-15	-2.63127	1	1 AP000962.2	--
ENSG00000269954	5.13E-15	-2.63127	1	1 RP11-148O21.6	--
ENSG00000269957	5.13E-15	-2.63127	1	1 RP11-20A20.2	--
ENSG00000269964	5.13E-15	-2.63127	1	1 MEI4	--

ENSG00000269966	5.13E-15	-2.63127	1	1 RP3-331H24.5	--
ENSG00000269968	5.13E-15	-2.63127	1	1 RP5-940J5.9	--
ENSG00000269970	5.13E-15	-2.63127	1	1 RP11-498E2.9	--
ENSG00000269971	5.13E-15	-2.63127	1	1 RP3-426I6.5	--
ENSG00000269972	5.13E-15	-2.63127	1	1 RP3-430N8.10	--
ENSG00000269975	5.13E-15	-2.63127	1	1 RP11-58B17.2	--
ENSG00000269978	5.13E-15	-2.63127	1	1 RP11-338N10.3	--
ENSG00000269981	5.13E-15	-2.63127	1	1 RP11-34P13.16	--
ENSG00000269983	5.13E-15	-2.63127	1	1 RP11-497H16.9	--
ENSG00000269985	5.13E-15	-2.63127	1	1 RP1-232P20.1	--
ENSG00000269986	5.13E-15	-2.63127	1	1 RP11-96H17.3	--
ENSG00000269987	5.13E-15	-2.63127	1	1 RP3-430N8.11	--
ENSG00000269998	5.13E-15	-2.63127	1	1 RP11-272L13.3	--
ENSG00000270000	5.13E-15	-2.63127	1	1 RP3-449M8.9	--
ENSG00000270005	5.13E-15	-2.63127	1	1 RP11-380L11.3	--
ENSG00000270008	5.13E-15	-2.63127	1	1 RP11-298P3.4	--
ENSG00000270010	5.13E-15	-2.63127	1	1 CTD-2132N18.4	--
ENSG00000270012	5.13E-15	-2.63127	1	1 LL0XNC01-7P3.1	--
ENSG00000270017	5.13E-15	-2.63127	1	1 CTD-2576F9.2	--
ENSG00000270028	5.13E-15	-2.63127	1	1 RP11-380L11.4	--
ENSG00000270033	5.13E-15	-2.63127	1	1 RP11-51L5.7	K11837
ENSG00000270035	5.13E-15	-2.63127	1	1 RP11-338N10.2	--
ENSG00000270038	5.13E-15	-2.63127	1	1 RP11-1070N10.7	--
ENSG00000270050	5.13E-15	-2.63127	1	1 RP4-769N13.7	--
ENSG00000270052	5.13E-15	-2.63127	1	1 WI2-80269A6.1	--
ENSG00000270058	5.13E-15	-2.63127	1	1 RP11-514D23.3	--
ENSG00000270059	5.13E-15	-2.63127	1	1 RP11-88H12.2	--
ENSG00000270068	5.13E-15	-2.63127	1	1 RP4-761J14.9	--
ENSG00000270072	5.13E-15	-2.63127	1	1 RP11-750H9.7	--
ENSG00000270073	5.13E-15	-2.63127	1	1 AC006156.2	K11284
ENSG00000270074	5.13E-15	-2.63127	1	1 LINC00965	--
ENSG00000270075	5.13E-15	-2.63127	1	1 RP11-127L20.5	--
ENSG00000270076	5.13E-15	-2.63127	1	1 AF131215.8	--
ENSG00000270077	5.13E-15	-2.63127	1	1 KB-1958F4.1	--
ENSG00000270082	5.13E-15	-2.63127	1	1 RP11-178L8.8	--
ENSG00000270083	5.13E-15	-2.63127	1	1 RP1-257I20.14	--
ENSG00000270087	5.13E-15	-2.63127	1	1 RP11-399K21.11	--
ENSG00000270090	5.13E-15	-2.63127	1	1 RP11-529E10.7	--
ENSG00000270092	5.13E-15	-2.63127	1	1 RP11-318K12.3	K14957
ENSG00000270093	5.13E-15	-2.63127	1	1 AP000473.8	--
ENSG00000270094	5.13E-15	-2.63127	1	1 RP11-245P10.8	--
ENSG00000270096	5.13E-15	-2.63127	1	1 RP11-362K14.6	--
ENSG00000270098	5.13E-15	-2.63127	1	1 LDHAL6EP	K00016
ENSG00000270099	5.13E-15	-2.63127	1	1 RP11-248J23.7	K19352
ENSG00000270100	5.13E-15	-2.63127	1	1 RP11-130L8.1	--
ENSG00000270105	5.13E-15	-2.63127	1	1 RP11-326C3.14	--
ENSG00000270106	5.13E-15	-2.63127	1	1 TSNAX-DISC1	K16534
ENSG00000270111	5.13E-15	-2.63127	1	1 RP11-271F18.4	--
ENSG00000270112	5.13E-15	-2.63127	1	1 RP11-742D12.2	--
ENSG00000270113	5.13E-15	-2.63127	1	1 RP11-282O18.6	--
ENSG00000270114	5.13E-15	-2.63127	1	1 RP5-1048B16.1	--
ENSG00000270117	5.13E-15	-2.63127	1	1 AP000769.7	--
ENSG00000270118	5.13E-15	-2.63127	1	1 RP11-57A19.5	--
ENSG00000270119	5.13E-15	-2.63127	1	1 RP11-301J7.8	--
ENSG00000270120	5.13E-15	-2.63127	1	1 RP11-327F22.6	--
ENSG00000270123	5.13E-15	-2.63127	1	1 VTRNA2-1	--
ENSG00000270131	5.13E-15	-2.63127	1	1 KB-1043D8.8	--
ENSG00000270132	5.13E-15	-2.63127	1	1 WISP1-OT1	--

ENSG00000270134	5.13E-15	-2.63127	1	1 RP11-324E6.9	--
ENSG00000270135	5.13E-15	-2.63127	1	1 RP11-362K14.7	--
ENSG00000270139	5.13E-15	-2.63127	1	1 AP001172.3	--
ENSG00000270140	5.13E-15	-2.63127	1	1 RP5-1021I20.6	--
ENSG00000270149	5.13E-15	-2.63127	1	1 RP11-544M22.13	K06089
ENSG00000270159	5.13E-15	-2.63127	1	1 RP11-568J23.6	--
ENSG00000270160	5.13E-15	-2.63127	1	1 RP11-264E20.2	--
ENSG00000270163	5.13E-15	-2.63127	1	1 RP11-1085N6.6	--
ENSG00000270164	5.13E-15	-2.63127	1	1 AC006129.4	--
ENSG00000270165	5.13E-15	-2.63127	1	1 RP11-167P11.2	--
ENSG00000270166	5.13E-15	-2.63127	1	1 RP11-158D2.1	K11300
ENSG00000270171	5.13E-15	-2.63127	1	1 RP11-338N10.1	--
ENSG00000270173	5.13E-15	-2.63127	1	1 RP11-382B18.4	--
ENSG00000270174	5.13E-15	-2.63127	1	1 RP1-256G22.2	--
ENSG00000270179	5.13E-15	-2.63127	1	1 RP11-159N11.4	--
ENSG00000270181	5.13E-15	-2.63127	1	1 BIVM-ERCC5	K10846
ENSG00000270182	5.13E-15	-2.63127	1	1 RP1-170O19.21	--
ENSG00000270185	5.13E-15	-2.63127	1	1 IGHD1OR15-1B	--
ENSG00000270187	5.13E-15	-2.63127	1	1 IGKV1OR2-11	--
ENSG00000270188	5.13E-15	-2.63127	1	1 MTRNR2L11	K01982
ENSG00000270189	5.13E-15	-2.63127	1	1 RP11-258C19.7	--
ENSG00000270190	5.13E-15	-2.63127	1	1 RP11-803D5.4	--
ENSG00000270191	5.13E-15	-2.63127	1	1 RP11-157B13.9	--
ENSG00000270192	5.13E-15	-2.63127	1	1 MRPS35P3	K17413
ENSG00000270193	5.13E-15	-2.63127	1	1 RP11-440D17.2	K12019
ENSG00000270196	5.13E-15	-2.63127	1	1 RP11-550A18.1	K15203
ENSG00000270200	5.13E-15	-2.63127	1	1 RP5-1136G13.1	--
ENSG00000270202	5.13E-15	-2.63127	1	1 RP11-89C3.2	--
ENSG00000270204	5.13E-15	-2.63127	1	1 RP11-172C16.5	--
ENSG00000270207	5.13E-15	-2.63127	1	1 RP11-157E16.1	--
ENSG00000270209	5.13E-15	-2.63127	1	1 RP4-592A1.4	--
ENSG00000270212	5.13E-15	-2.63127	1	1 CTD-2540B15.12	--
ENSG00000270213	5.13E-15	-2.63127	1	1 RP11-452D24.1	K07887
ENSG00000270218	5.13E-15	-2.63127	1	1 RP11-325L12.5	K18157
ENSG00000270222	5.13E-15	-2.63127	1	1 RP11-105C20.3	--
ENSG00000270225	5.13E-15	-2.63127	1	1 RP11-475J5.4	K02261
ENSG00000270226	5.13E-15	-2.63127	1	1 AC006548.26	--
ENSG00000270230	5.13E-15	-2.63127	1	1 RP11-475J5.11	K03884
ENSG00000270232	5.13E-15	-2.63127	1	1 RP11-475J5.7	K00412
ENSG00000270234	5.13E-15	-2.63127	1	1 RP11-575N15.1	--
ENSG00000270235	5.13E-15	-2.63127	1	1 RP11-122K13.14	--
ENSG00000270236	5.13E-15	-2.63127	1	1 RP11-265B8.5	K00944
ENSG00000270237	5.13E-15	-2.63127	1	1 RP11-381K20.5	--
ENSG00000270239	5.13E-15	-2.63127	1	1 RP11-763B22.10	--
ENSG00000270241	5.13E-15	-2.63127	1	1 RP4-657M3.2	--
ENSG00000270242	5.13E-15	-2.63127	1	1 RP11-295P22.1	K18584
ENSG00000270243	5.13E-15	-2.63127	1	1 RP11-779O18.4	--
ENSG00000270244	5.13E-15	-2.63127	1	1 RP11-123J14.4	--
ENSG00000270246	5.13E-15	-2.63127	1	1 SNORD109A	--
ENSG00000270249	5.13E-15	-2.63127	1	1 RP11-514P8.7	K17630
ENSG00000270251	5.13E-15	-2.63127	1	1 RP6-166C19.13	--
ENSG00000270252	5.13E-15	-2.63127	1	1 IGKV3OR2-5	--
ENSG00000270258	5.13E-15	-2.63127	1	1 DUXAP4	--
ENSG00000270259	5.13E-15	-2.63127	1	1 RP13-122B23.9	--
ENSG00000270268	5.13E-15	-2.63127	1	1 RP1-164L12.1	--
ENSG00000270270	5.13E-15	-2.63127	1	1 CTC-559E9.10	--
ENSG00000270273	5.13E-15	-2.63127	1	1 RP11-242C24.3	--
ENSG00000270275	5.13E-15	-2.63127	1	1 RP11-53M11.4	--

ENSG00000270279	5.13E-15	-2.63127	1	1 RP4-806M20.5	-
ENSG00000270280	5.13E-15	-2.63127	1	1 RP11-265D20.1	-
ENSG00000270281	5.13E-15	-2.63127	1	1 CTC-523E23.10	K09228
ENSG00000270282	5.13E-15	-2.63127	1	1 RP5-1115A15.2	K13625
ENSG00000270287	5.13E-15	-2.63127	1	1 RP11-118H4.3	-
ENSG00000270289	5.13E-15	-2.63127	1	1 RP11-512G4.1	-
ENSG00000270292	5.13E-15	-2.63127	1	1 RP11-453E17.4	K19759
ENSG00000270293	5.13E-15	-2.63127	1	1 CTC-360J11.5	-
ENSG00000270294	5.13E-15	-2.63127	1	1 RP11-566F5.1	K04725
ENSG00000270300	5.13E-15	-2.63127	1	1 PHACTR2P1	-
ENSG00000270301	5.13E-15	-2.63127	1	1 WI2-2334D6.1	-
ENSG00000270302	5.13E-15	-2.63127	1	1 RP11-461L13.4	-
ENSG00000270304	5.13E-15	-2.63127	1	1 RP11-597G23.1	K11884
ENSG00000270306	5.13E-15	-2.63127	1	1 RP3-437C15.2	-
ENSG00000270307	5.13E-15	-2.63127	1	1 MTATP6P2	K02126
ENSG00000270308	5.13E-15	-2.63127	1	1 RP3-377O6.2	-
ENSG00000270313	5.13E-15	-2.63127	1	1 COX6CP16	K02268
ENSG00000270316	5.13E-15	-2.63127	1	1 C10orf32-ASMT	K07755
ENSG00000270317	5.13E-15	-2.63127	1	1 AC004004.2	K09066
ENSG00000270318	5.13E-15	-2.63127	1	1 IGHV3OR16-11	K06856
ENSG00000270321	5.13E-15	-2.63127	1	1 RP11-2L8.2	-
ENSG00000270323	5.13E-15	-2.63127	1	1 AP000860.2	-
ENSG00000270325	5.13E-15	-2.63127	1	1 CTC-559E9.12	-
ENSG00000270326	5.13E-15	-2.63127	1	1 RP5-874C20.6	-
ENSG00000270328	5.13E-15	-2.63127	1	1 RP11-33E15.1	-
ENSG00000270330	5.13E-15	-2.63127	1	1 RP5-892F13.2	-
ENSG00000270333	5.13E-15	-2.63127	1	1 RP11-566F5.2	-
ENSG00000270335	5.13E-15	-2.63127	1	1 RP11-642D6.1	-
ENSG00000270336	5.13E-15	-2.63127	1	1 RP11-521F1.1	-
ENSG00000270342	5.13E-15	-2.63127	1	1 RP11-478L17.1	-
ENSG00000270343	5.13E-15	-2.63127	1	1 UNGP3	K03648
ENSG00000270347	5.13E-15	-2.63127	1	1 CTC-339O9.2	K14284
ENSG00000270350	5.13E-15	-2.63127	1	1 RP11-475J5.9	K03882
ENSG00000270352	5.13E-15	-2.63127	1	1 RP11-111N20.4	-
ENSG00000270354	5.13E-15	-2.63127	1	1 RP11-547M24.1	-
ENSG00000270359	5.13E-15	-2.63127	1	1 RP11-2G1.3	-
ENSG00000270361	5.13E-15	-2.63127	1	1 RP11-307C12.13	-
ENSG00000270367	5.13E-15	-2.63127	1	1 RP11-331G2.6	K17985
ENSG00000270369	5.13E-15	-2.63127	1	1 RP11-144G6.13	-
ENSG00000270371	5.13E-15	-2.63127	1	1 RP11-417P24.1	K02152
ENSG00000270372	5.13E-15	-2.63127	1	1 RP11-109M17.2	-
ENSG00000270375	5.13E-15	-2.63127	1	1 REXO1L2P	K14570
ENSG00000270377	5.13E-15	-2.63127	1	1 RP11-384L8.2	-
ENSG00000270378	5.13E-15	-2.63127	1	1 RP11-108K3.5	K02929
ENSG00000270380	5.13E-15	-2.63127	1	1 RP11-470L19.5	-
ENSG00000270381	5.13E-15	-2.63127	1	1 RP11-290D2.5	K02268
ENSG00000270382	5.13E-15	-2.63127	1	1 RP1-152L7.9	-
ENSG00000270385	5.13E-15	-2.63127	1	1 GS1-21A4.2	K02947
ENSG00000270386	5.13E-15	-2.63127	1	1 UGT2A1	K00699
ENSG00000270387	5.13E-15	-2.63127	1	1 RP11-315D13.1	-
ENSG00000270388	5.13E-15	-2.63127	1	1 RP11-475J5.8	K02262
ENSG00000270393	5.13E-15	-2.63127	1	1 AC000095.9	-
ENSG00000270394	5.13E-15	-2.63127	1	1 MTRNR2L13	K01982
ENSG00000270395	5.13E-15	-2.63127	1	1 RP11-627K11.4	-
ENSG00000270397	5.13E-15	-2.63127	1	1 RP6-166C19.16	-
ENSG00000270400	5.13E-15	-2.63127	1	1 RP11-464I4.1	K11838
ENSG00000270401	5.13E-15	-2.63127	1	1 RP11-812E19.14	-
ENSG00000270402	5.13E-15	-2.63127	1	1 CTC-412M14.5	K17299

ENSG00000270403	5.13E-15	-2.63127	1	1 RP11-35P15.1	-
ENSG00000270405	5.13E-15	-2.63127	1	1 RP11-208G20.3	-
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ENSG00000270413	5.13E-15	-2.63127	1	1 RP11-810O3.2	-
ENSG00000270415	5.13E-15	-2.63127	1	1 DPPA3P3	-
ENSG00000270416	5.13E-15	-2.63127	1	1 REXO1L12P	K14570
ENSG00000270421	5.13E-15	-2.63127	1	1 RP11-351O1.4	-
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ENSG00000270423	5.13E-15	-2.63127	1	1 RP11-361A21.3	-
ENSG00000270424	5.13E-15	-2.63127	1	1 RP11-1348G14.6	-
ENSG00000270425	5.13E-15	-2.63127	1	1 CTA-369K23.1	-
ENSG00000270427	5.13E-15	-2.63127	1	1 NRBF2P5	-
ENSG00000270430	5.13E-15	-2.63127	1	1 RP11-42L13.3	-
ENSG00000270431	5.13E-15	-2.63127	1	1 RP1-241P17.7	K12834
ENSG00000270432	5.13E-15	-2.63127	1	1 OR7E108P	K04257
ENSG00000270433	5.13E-15	-2.63127	1	1 RP11-124D2.7	K11253
ENSG00000270434	5.13E-15	-2.63127	1	1 RP11-175I17.6	-
ENSG00000270435	5.13E-15	-2.63127	1	1 RP11-304C12.4	-
ENSG00000270437	5.13E-15	-2.63127	1	1 RP11-511I11.2	-
ENSG00000270440	5.13E-15	-2.63127	1	1 RP11-19H6.1	-
ENSG00000270442	5.13E-15	-2.63127	1	1 CTB-95D12.1	K09566
ENSG00000270443	5.13E-15	-2.63127	1	1 RP1-223H12.5	-
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ENSG00000270446	5.13E-15	-2.63127	1	1 RP6-43L17.1	K02915
ENSG00000270447	5.13E-15	-2.63127	1	1 RP11-569H17.1	-
ENSG00000270449	5.13E-15	-2.63127	1	1 RP11-681H10.1	K11276
ENSG00000270450	5.13E-15	-2.63127	1	1 IGKV2OR2-7D	-
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ENSG00000270460	5.13E-15	-2.63127	1	1 RP11-796E10.1	-
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ENSG00000270469	5.13E-15	-2.63127	1	1 RP11-411B10.8	-
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ENSG00000270475	5.13E-15	-2.63127	1	1 CTC-451A6.5	-
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ENSG00000270479	5.13E-15	-2.63127	1	1 RP11-369G6.3	K17985
ENSG00000270480	5.13E-15	-2.63127	1	1 RP11-57B24.1	-
ENSG00000270484	5.13E-15	-2.63127	1	1 RP3-399J4.4	-
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ENSG00000270491	5.13E-15	-2.63127	1	1 RP4-743O11.1	-
ENSG00000270492	5.13E-15	-2.63127	1	1 RP13-685P2.8	-
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ENSG00000270495	5.13E-15	-2.63127	1	1 CTD-2134P3.2	-
ENSG00000270496	5.13E-15	-2.63127	1	1 BNIP3P7	K15464
ENSG00000270497	5.13E-15	-2.63127	1	1 RP1-290F12.3	-
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ENSG00000270512	5.13E-15	-2.63127	1	1 RP5-1136G2.1	-
ENSG00000270513	5.13E-15	-2.63127	1	1 RP11-116B13.1	-
ENSG00000270516	5.13E-15	-2.63127	1	1 RP11-500M10.1	-
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ENSG00000270523	5.13E-15	-2.63127	1	1 RP11-145P16.3	-
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ENSG00000270528	5.13E-15	-2.63127	1	1 RP11-674I16.2	-
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ENSG00000270535	5.13E-15	-2.63127	1	1 TCEB1P34	-
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ENSG00000270570	5.13E-15	-2.63127	1	1 RP1-85D24.1	-
ENSG00000270575	5.13E-15	-2.63127	1	1 RP11-21M7.2	-
ENSG00000270576	5.13E-15	-2.63127	1	1 RP5-1021I20.7	-
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ENSG00000270581	5.13E-15	-2.63127	1	1 RP11-811P12.3	-
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ENSG00000270584	5.13E-15	-2.63127	1	1 RP11-362B23.1	-
ENSG00000270585	5.13E-15	-2.63127	1	1 RP11-568G11.4	-
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ENSG00000270593	5.13E-15	-2.63127	1	1 RP11-455J15.1	-
ENSG00000270598	5.13E-15	-2.63127	1	1 RP11-396C23.3	-
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ENSG00000270628	5.13E-15	-2.63127	1	1 RP11-26F2.2	K18172

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ENSG00000270656	5.13E-15	-2.63127	1	1 RP3-328E19.5	-
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ENSG00000270661	5.13E-15	-2.63127	1	1 RP1-142L7.9	-
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ENSG00000270683	5.13E-15	-2.63127	1	1 RP11-477G9.1	-
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ENSG00000270688	5.13E-15	-2.63127	1	1 RP11-507D14.4	K18032
ENSG00000270689	5.13E-15	-2.63127	1	1 RP11-712B9.4	-
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ENSG00000270698	5.13E-15	-2.63127	1	1 RP11-568J23.7	K13628
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ENSG00000270701	5.13E-15	-2.63127	1	1 RP11-876F14.2	-
ENSG00000270702	5.13E-15	-2.63127	1	1 RP11-107F6.4	K02934
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ENSG00000270712	5.13E-15	-2.63127	1	1 RP11-378I6.2	-
ENSG00000270713	5.13E-15	-2.63127	1	1 RP11-506K19.2	-
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ENSG00000270716	5.13E-15	-2.63127	1	1 CTC-260E6.11	-
ENSG00000270718	5.13E-15	-2.63127	1	1 RP11-421H10.2	-
ENSG00000270719	5.13E-15	-2.63127	1	1 RP11-134N8.2	K12456
ENSG00000270723	5.13E-15	-2.63127	1	1 RP11-401N16.1	-
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ENSG00000270726	5.13E-15	-2.63127	1	1 AJ271736.10	-
ENSG00000270727	5.13E-15	-2.63127	1	1 RP11-51E20.1	-
ENSG00000270729	5.13E-15	-2.63127	1	1 RP4-669B10.6	-
ENSG00000270733	5.13E-15	-2.63127	1	1 RP11-231P20.5	-
ENSG00000270734	5.13E-15	-2.63127	1	1 RP11-719K4.7	K14394
ENSG00000270736	5.13E-15	-2.63127	1	1 RP6-166C19.19	-
ENSG00000270739	5.13E-15	-2.63127	1	1 RP11-608O8.2	-

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ENSG00000270745	5.13E-15	-2.63127	1	1 RP13-324D24.1	-
ENSG00000270747	5.13E-15	-2.63127	1	1 RP11-344N17.15	-
ENSG00000270748	5.13E-15	-2.63127	1	1 IGKV2OR2-1	-
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ENSG00000270750	5.13E-15	-2.63127	1	1 RP11-461L13.3	-
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ENSG00000270754	5.13E-15	-2.63127	1	1 NEK4P3	-
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ENSG00000270762	5.13E-15	-2.63127	1	1 FXYD6P1	K13363
ENSG00000270763	5.13E-15	-2.63127	1	1 RP11-122G11.1	-
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ENSG00000270766	5.13E-15	-2.63127	1	1 RP11-627K11.5	-
ENSG00000270767	5.13E-15	-2.63127	1	1 RP11-733D4.2	-
ENSG00000270771	5.13E-15	-2.63127	1	1 RP6-166C19.12	-
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ENSG00000270776	5.13E-15	-2.63127	1	1 RP11-17G11.1	-
ENSG00000270778	5.13E-15	-2.63127	1	1 BUB1P1	-
ENSG00000270779	5.13E-15	-2.63127	1	1 CTD-2026D23.1	-
ENSG00000270780	5.13E-15	-2.63127	1	1 RP4-590F24.1	K02872
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ENSG00000270783	5.13E-15	-2.63127	1	1 IGHD3OR15-3A	-
ENSG00000270788	5.13E-15	-2.63127	1	1 PDLIM1P1	-
ENSG00000270789	5.13E-15	-2.63127	1	1 RP11-632K20.8	K10582
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ENSG00000270791	5.13E-15	-2.63127	1	1 DPRXP6	-
ENSG00000270792	5.13E-15	-2.63127	1	1 RP11-103J8.1	-
ENSG00000270793	5.13E-15	-2.63127	1	1 RP11-23O13.1	-
ENSG00000270794	5.13E-15	-2.63127	1	1 GS1-383H3.6	-
ENSG00000270797	5.13E-15	-2.63127	1	1 RP5-1173I20.1	-
ENSG00000270798	5.13E-15	-2.63127	1	1 RP11-416H1.1	-
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ENSG00000270802	5.13E-15	-2.63127	1	1 AC005776.1	K02889
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ENSG00000270809	5.13E-15	-2.63127	1	1 CHCHD2P11	K00901
ENSG00000270810	5.13E-15	-2.63127	1	1 RP11-274B21.8	-
ENSG00000270811	5.13E-15	-2.63127	1	1 RP11-393K12.4	-
ENSG00000270812	5.13E-15	-2.63127	1	1 CTA-326K9.1	-
ENSG00000270813	5.13E-15	-2.63127	1	1 NANOGNBP3	-
ENSG00000270814	5.13E-15	-2.63127	1	1 TMEM261P1	-
ENSG00000270815	5.13E-15	-2.63127	1	1 RP11-56O18.1	-
ENSG00000270818	5.13E-15	-2.63127	1	1 RP11-498M14.1	-
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ENSG00000270824	5.13E-15	-2.63127	1	1 IGHD5OR15-5B	-
ENSG00000270826	5.13E-15	-2.63127	1	1 RP1-60G11.1	-
ENSG00000270828	5.13E-15	-2.63127	1	1 RP3-466P17.2	-
ENSG00000270830	5.13E-15	-2.63127	1	1 RP11-317O24.3	K02942
ENSG00000270831	5.13E-15	-2.63127	1	1 NF1P1	K08052
ENSG00000270832	5.13E-15	-2.63127	1	1 RP1-168P16.3	K13800
ENSG00000270835	5.13E-15	-2.63127	1	1 AP001425.14	-
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ENSG00000270838	5.13E-15	-2.63127	1	1 RP5-1004I9.2	-
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ENSG00000270852	5.13E-15	-2.63127	1	1 RP11-355I22.8	-
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ENSG00000270859	5.13E-15	-2.63127	1	1 RP11-435I3.1	_
ENSG00000270861	5.13E-15	-2.63127	1	1 KB-1589B1.4	_
ENSG00000270863	5.13E-15	-2.63127	1	1 RP11-434C1.3	K14809
ENSG00000270864	5.13E-15	-2.63127	1	1 IGHV3OR16-6	K06856
ENSG00000270865	5.13E-15	-2.63127	1	1 KB-1836B5.3	K02870
ENSG00000270866	5.13E-15	-2.63127	1	1 RP11-706J10.2	_
ENSG00000270868	5.13E-15	-2.63127	1	1 RP11-864G5.7	_
ENSG00000270870	5.13E-15	-2.63127	1	1 GS1-531I17.2	K10428
ENSG00000270874	5.13E-15	-2.63127	1	1 RP11-420K10.1	_
ENSG00000270879	5.13E-15	-2.63127	1	1 RP11-210K20.4	K17985
ENSG00000270880	5.13E-15	-2.63127	1	1 RP11-255E6.5	_
ENSG00000270883	5.13E-15	-2.63127	1	1 RP11-461L13.5	_
ENSG00000270889	5.13E-15	-2.63127	1	1 RP11-609L3.1	K17555
ENSG00000270891	5.13E-15	-2.63127	1	1 RP11-499P1.1	_
ENSG00000270892	5.13E-15	-2.63127	1	1 AC006077.4	K02910
ENSG00000270893	5.13E-15	-2.63127	1	1 RP11-311B14.1	K14536
ENSG00000270896	5.13E-15	-2.63127	1	1 XXbac-BPG170G13	_
ENSG00000270897	5.13E-15	-2.63127	1	1 RP11-179A10.3	_
ENSG00000270898	5.13E-15	-2.63127	1	1 ASB3	K10325
ENSG00000270900	5.13E-15	-2.63127	1	1 NUDT19P4	K13355
ENSG00000270901	5.13E-15	-2.63127	1	1 RP11-592P9.1	K04257
ENSG00000270902	5.13E-15	-2.63127	1	1 RP11-338O1.3	_
ENSG00000270904	5.13E-15	-2.63127	1	1 CTC-224D3.1	_
ENSG00000270906	5.13E-15	-2.63127	1	1 RP11-475J5.6	K03881
ENSG00000270909	5.13E-15	-2.63127	1	1 RP11-24B13.2	K09488
ENSG00000270912	5.13E-15	-2.63127	1	1 RPS28P1	_
ENSG00000270914	5.13E-15	-2.63127	1	1 RP5-1077B9.5	K01092
ENSG00000270915	5.13E-15	-2.63127	1	1 RP11-27M5.1	K11253
ENSG00000270916	5.13E-15	-2.63127	1	1 RP4-741O10.1	K02870
ENSG00000270920	5.13E-15	-2.63127	1	1 CTA-277P6.1	_
ENSG00000270921	5.13E-15	-2.63127	1	1 CICP23	K16941
ENSG00000270924	5.13E-15	-2.63127	1	1 RP11-812E19.13	_
ENSG00000270927	5.13E-15	-2.63127	1	1 RP11-179G8.1	_
ENSG00000270929	5.13E-15	-2.63127	1	1 SRD5A3P1	K12345
ENSG00000270930	5.13E-15	-2.63127	1	1 GRAMD4P8	_
ENSG00000270933	5.13E-15	-2.63127	1	1 CTD-2227E11.1	_
ENSG00000270934	5.13E-15	-2.63127	1	1 RP11-346C16.6	_
ENSG00000270935	5.13E-15	-2.63127	1	1 XXbac-BPGBPG24C	_
ENSG00000270936	5.13E-15	-2.63127	1	1 RP5-879K22.1	_
ENSG00000270938	5.13E-15	-2.63127	1	1 RAP2CP1	_
ENSG00000270941	5.13E-15	-2.63127	1	1 RP5-966M1.5	K00944
ENSG00000270945	5.13E-15	-2.63127	1	1 HSPE1P7	K04078
ENSG00000270947	5.13E-15	-2.63127	1	1 AC025811.3	_
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ENSG00000270954	5.13E-15	-2.63127	1	1 RP11-174B4.2	K02998
ENSG00000270955	5.13E-15	-2.63127	1	1 RP11-261B23.2	K15720
ENSG00000270957	5.13E-15	-2.63127	1	1 RP11-1324A7.2	_
ENSG00000270960	5.13E-15	-2.63127	1	1 RP11-366M4.18	_
ENSG00000270961	5.13E-15	-2.63127	1	1 IGHD5OR15-5A	_
ENSG00000270962	5.13E-15	-2.63127	1	1 RP11-403I13.10	K12845
ENSG00000270965	5.13E-15	-2.63127	1	1 RP11-169K19.1	_
ENSG00000270966	5.13E-15	-2.63127	1	1 RP11-62H7.3	K02963
ENSG00000270969	5.13E-15	-2.63127	1	1 CTD-2355J17.2	_
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ENSG00000270973	5.13E-15	-2.63127	1	1 RP11-324L3.5	K11651
ENSG00000270975	5.13E-15	-2.63127	1	1 RP11-723P16.3	K12877

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ENSG00000270978	5.13E-15	-2.63127	1	1 RP11-54C4.2	K01915
ENSG00000270980	5.13E-15	-2.63127	1	1 RP11-626A5.2	K00901
ENSG00000270981	5.13E-15	-2.63127	1	1 RP11-550I24.3	-
ENSG00000270982	5.13E-15	-2.63127	1	1 RP11-490D19.11	-
ENSG00000270988	5.13E-15	-2.63127	1	1 RP11-439C15.5	-
ENSG00000270989	5.13E-15	-2.63127	1	1 RP11-844P9.4	-
ENSG00000270990	5.13E-15	-2.63127	1	1 RP11-632K21.6	K15026
ENSG00000270992	5.13E-15	-2.63127	1	1 RP11-190G13.4	K02905
ENSG00000270993	5.13E-15	-2.63127	1	1 RP11-1112G13.3	K17908
ENSG00000270994	5.13E-15	-2.63127	1	1 RP11-293B7.1	K10172
ENSG00000270996	5.13E-15	-2.63127	1	1 RP11-342K6.4	-
ENSG00000270997	5.13E-15	-2.63127	1	1 RP11-703P11.1	-
ENSG00000270999	5.13E-15	-2.63127	1	1 CH17-132F21.1	-
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ENSG00000271005	5.13E-15	-2.63127	1	1 RP11-159L8.2	-
ENSG00000271010	5.13E-15	-2.63127	1	1 CTC-539A10.7	K12581
ENSG00000271014	5.13E-15	-2.63127	1	1 RP11-717A5.1	-
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ENSG00000271022	5.13E-15	-2.63127	1	1 RP11-142I2.1	-
ENSG00000271024	5.13E-15	-2.63127	1	1 HSPE1P19	-
ENSG00000271025	5.13E-15	-2.63127	1	1 RP11-708L7.9	-
ENSG00000271026	5.13E-15	-2.63127	1	1 KATNBL1P1	-
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ENSG00000271028	5.13E-15	-2.63127	1	1 RP11-111A24.2	-
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ENSG00000271034	5.13E-15	-2.63127	1	1 RP11-963H1.1	K13157
ENSG00000271035	5.13E-15	-2.63127	1	1 CTD-2269E23.3	-
ENSG00000271036	5.13E-15	-2.63127	1	1 CLPTM1LP1	-
ENSG00000271040	5.13E-15	-2.63127	1	1 RP5-933K21.3	-
ENSG00000271041	5.13E-15	-2.63127	1	1 RP6-166C19.18	-
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ENSG00000271043	5.13E-15	-2.63127	1	1 MTRNR2L2	K01982
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ENSG00000271045	5.13E-15	-2.63127	1	1 RP11-1113N2.4	K03965
ENSG00000271046	5.13E-15	-2.63127	1	1 RP11-138I18.2	-
ENSG00000271047	5.13E-15	-2.63127	1	1 RP11-760D2.12	-
ENSG00000271048	5.13E-15	-2.63127	1	1 CTD-2342N23.2	-
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ENSG00000271052	5.13E-15	-2.63127	1	1 RP11-479I16.2	-
ENSG00000271053	5.13E-15	-2.63127	1	1 RP11-97F8.1	-
ENSG00000271056	5.13E-15	-2.63127	1	1 RP6-43L17.2	-
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ENSG00000271065	5.13E-15	-2.63127	1	1 RP11-607P23.1	-
ENSG00000271070	5.13E-15	-2.63127	1	1 RP11-465O11.2	-
ENSG00000271071	5.13E-15	-2.63127	1	1 RP11-457M11.6	-
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ENSG00000271074	5.13E-15	-2.63127	1	1 RP11-212J19.1	-
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ENSG00000271078	5.13E-15	-2.63127	1	1 RP13-395E19.4	K15720
ENSG00000271079	5.13E-15	-2.63127	1	1 CTAGE15	-
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ENSG00000271088	5.13E-15	-2.63127	1	1 RP11-497J7.4	-
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ENSG00000271096	5.13E-15	-2.63127	1	1 SUMO2P14	-
ENSG00000271097	5.13E-15	-2.63127	1	1 RP11-223J6.1	K06629
ENSG00000271098	5.13E-15	-2.63127	1	1 RP5-1125K23.1	K09647
ENSG00000271099	5.13E-15	-2.63127	1	1 RP11-809N15.3	K15696
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ENSG00000271109	5.13E-15	-2.63127	1	1 CTC-523E23.11	-
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ENSG00000271114	5.13E-15	-2.63127	1	1 RP11-453D21.1	-
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ENSG00000271117	5.13E-15	-2.63127	1	1 RP11-377H23.1	-
ENSG00000271118	5.13E-15	-2.63127	1	1 RP11-175E9.2	K03257
ENSG00000271123	5.13E-15	-2.63127	1	1 TCEB1P5	-
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ENSG00000271130	5.13E-15	-2.63127	1	1 IGHV3OR16-8	K06856
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ENSG00000271134	5.13E-15	-2.63127	1	1 RP11-416L21.2	K06566
ENSG00000271136	5.13E-15	-2.63127	1	1 RP11-320J16.1	-
ENSG00000271137	5.13E-15	-2.63127	1	1 RP5-966M1.4	-
ENSG00000271138	5.13E-15	-2.63127	1	1 IGLVIVOR22-1	K06553
ENSG00000271140	5.13E-15	-2.63127	1	1 PRR20FP	-
ENSG00000271142	5.13E-15	-2.63127	1	1 YWHAQP7	K16197
ENSG00000271143	5.13E-15	-2.63127	1	1 RP11-12L8.2	-
ENSG00000271146	5.13E-15	-2.63127	1	1 RP11-479F13.1	K15464
ENSG00000271147	5.13E-15	-2.63127	1	1 RP4-769N13.6	-
ENSG00000271148	5.13E-15	-2.63127	1	1 RP11-401N18.1	-
ENSG00000271149	5.13E-15	-2.63127	1	1 CTC-457E21.10	-
ENSG00000271150	5.13E-15	-2.63127	1	1 CTD-2571L23.9	K02893
ENSG00000271154	5.13E-15	-2.63127	1	1 RP6-166C19.23	-
ENSG00000271156	5.13E-15	-2.63127	1	1 RP11-642C5.1	-
ENSG00000271157	5.13E-15	-2.63127	1	1 RP1-249C1.1	-
ENSG00000271158	5.13E-15	-2.63127	1	1 RP11-265D19.7	K15443
ENSG00000271159	5.13E-15	-2.63127	1	1 GS1-200K5.1	K02503
ENSG00000271162	5.13E-15	-2.63127	1	1 RP1-57E3.1	-
ENSG00000271163	5.13E-15	-2.63127	1	1 RP4-607J2.1	-
ENSG00000271164	5.13E-15	-2.63127	1	1 RP4-789D17.4	-
ENSG00000271166	5.13E-15	-2.63127	1	1 RP11-409O11.3	K02564
ENSG00000271167	5.13E-15	-2.63127	1	1 LINC01109	-
ENSG00000271171	5.13E-15	-2.63127	1	1 CTC-523E23.15	-
ENSG00000271172	5.13E-15	-2.63127	1	1 RP11-660M5.1	-
ENSG00000271173	5.13E-15	-2.63127	1	1 RP11-272J7.6	-
ENSG00000271174	5.13E-15	-2.63127	1	1 RP11-814M22.2	-
ENSG00000271175	5.13E-15	-2.63127	1	1 RP11-434J24.3	K08820
ENSG00000271177	5.13E-15	-2.63127	1	1 RP11-575G13.3	-
ENSG00000271178	5.13E-15	-2.63127	1	1 IGHV3OR16-13	K06856
ENSG00000271179	5.13E-15	-2.63127	1	1 RP11-629P16.1	K15464
ENSG00000271180	5.13E-15	-2.63127	1	1 RP11-665C16.8	K02264
ENSG00000271182	5.13E-15	-2.63127	1	1 RP11-678G14.5	K14398
ENSG00000271184	5.13E-15	-2.63127	1	1 RP4-800O15.3	-
ENSG00000271187	5.13E-15	-2.63127	1	1 RP11-309H21.4	-
ENSG00000271190	5.13E-15	-2.63127	1	1 RPP40P2	K14530
ENSG00000271192	5.13E-15	-2.63127	1	1 RP4-555D20.3	-
ENSG00000271194	5.13E-15	-2.63127	1	1 RP11-476O21.1	-

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ENSG00000271196	5.13E-15	-2.63127	1	1 RP11-461O14.3	K16609
ENSG00000271197	5.13E-15	-2.63127	1	1 IGHD2OR15-2A	-
ENSG00000271198	5.13E-15	-2.63127	1	1 VDAC3P1	K15041
ENSG00000271201	5.13E-15	-2.63127	1	1 AB019440.50	-
ENSG00000271202	5.13E-15	-2.63127	1	1 RP11-122C21.4	-
ENSG00000271204	5.13E-15	-2.63127	1	1 RP11-138A9.1	-
ENSG00000271205	5.13E-15	-2.63127	1	1 RP1-138A5.2	-
ENSG00000271207	5.13E-15	-2.63127	1	1 RP11-475J5.5	K02256
ENSG00000271208	5.13E-15	-2.63127	1	1 RP1-142L7.8	-
ENSG00000271209	5.13E-15	-2.63127	1	1 RP13-40J16.1	K11724
ENSG00000271211	5.13E-15	-2.63127	1	1 RP6-166C19.20	-
ENSG00000271215	5.13E-15	-2.63127	1	1 RP11-180M15.5	K02889
ENSG00000271216	5.13E-15	-2.63127	1	1 LINC01050	-
ENSG00000271217	5.13E-15	-2.63127	1	1 RP11-301J7.9	-
ENSG00000271219	5.13E-15	-2.63127	1	1 RP11-369K17.2	K00621
ENSG00000271220	5.13E-15	-2.63127	1	1 RP11-478H13.4	-
ENSG00000271222	5.13E-15	-2.63127	1	1 RP11-1072C15.7	-
ENSG00000271223	5.13E-15	-2.63127	1	1 RP6-137J22.3	-
ENSG00000271226	5.13E-15	-2.63127	1	1 IGKV2OR2-10	-
ENSG00000271230	5.13E-15	-2.63127	1	1 CTD-2195M18.2	-
ENSG00000271231	5.13E-15	-2.63127	1	1 KRT18P9	K07604
ENSG00000271232	5.13E-15	-2.63127	1	1 RP11-317N6.1	K01883
ENSG00000271234	5.13E-15	-2.63127	1	1 RP5-894D12.4	-
ENSG00000271235	5.13E-15	-2.63127	1	1 RP11-1037D22.1	-
ENSG00000271238	5.13E-15	-2.63127	1	1 RP11-510D21.2	-
ENSG00000271239	5.13E-15	-2.63127	1	1 RP11-238F2.1	-
ENSG00000271240	5.13E-15	-2.63127	1	1 RP11-157E21.2	K08857
ENSG00000271242	5.13E-15	-2.63127	1	1 SLMO2P2	-
ENSG00000271243	5.13E-15	-2.63127	1	1 RP11-355B11.1	-
ENSG00000271245	5.13E-15	-2.63127	1	1 RP4-761I2.5	-
ENSG00000271248	5.13E-15	-2.63127	1	1 RP11-745K9.2	-
ENSG00000271249	5.13E-15	-2.63127	1	1 RP11-424I3.1	-
ENSG00000271250	5.13E-15	-2.63127	1	1 RP11-101P17.14	K02915
ENSG00000271251	5.13E-15	-2.63127	1	1 RP11-543F8.3	-
ENSG00000271253	5.13E-15	-2.63127	1	1 CTD-2320J21.1	K11511
ENSG00000271255	5.13E-15	-2.63127	1	1 IGHD3OR15-3B	-
ENSG00000271257	5.13E-15	-2.63127	1	1 CTD-2117L12.3	-
ENSG00000271263	5.13E-15	-2.63127	1	1 RP11-450H5.4	-
ENSG00000271264	5.13E-15	-2.63127	1	1 RP11-558F24.6	K18633
ENSG00000271265	5.13E-15	-2.63127	1	1 RP11-230C9.4	-
ENSG00000271266	5.13E-15	-2.63127	1	1 RP11-728B21.3	K12387
ENSG00000271269	5.13E-15	-2.63127	1	1 RP11-317P15.6	-
ENSG00000271271	5.13E-15	-2.63127	1	1 UGT2A2	K00699
ENSG00000271272	5.13E-15	-2.63127	1	1 RP11-510P12.1	-
ENSG00000271275	5.13E-15	-2.63127	1	1 AC007326.9	-
ENSG00000271277	5.13E-15	-2.63127	1	1 RP11-82O2.2	-
ENSG00000271278	5.13E-15	-2.63127	1	1 TCEB1P33	K12581
ENSG00000271283	5.13E-15	-2.63127	1	1 CTC-412M14.6	K13628
ENSG00000271284	5.13E-15	-2.63127	1	1 RP11-465O11.1	-
ENSG00000271286	5.13E-15	-2.63127	1	1 LLOXNC01-39B3.1	-
ENSG00000271287	5.13E-15	-2.63127	1	1 BCRP9	K08878
ENSG00000271288	5.13E-15	-2.63127	1	1 IGHV1OR15-3	-
ENSG00000271290	5.13E-15	-2.63127	1	1 RP11-345E19.2	K12181
ENSG00000271291	5.13E-15	-2.63127	1	1 RP11-289I10.3	-
ENSG00000271296	5.13E-15	-2.63127	1	1 RP11-432M8.20	K11253
ENSG00000271298	5.13E-15	-2.63127	1	1 RP5-1012F16.2	K12456
ENSG00000271299	5.13E-15	-2.63127	1	1 CTD-2356P16.6	K01611

ENSG00000271302	5.13E-15	-2.63127	1	1 RP11-647P12.2	--
ENSG00000271304	5.13E-15	-2.63127	1	1 DPRXP2	--
ENSG00000271305	5.13E-15	-2.63127	1	1 IGHD2OR15-2B	--
ENSG00000271306	5.13E-15	-2.63127	1	1 RP11-678B3.3	--
ENSG00000271307	5.13E-15	-2.63127	1	1 AF146191.8	--
ENSG00000271309	5.13E-15	-2.63127	1	1 RP1-85D24.2	--
ENSG00000271313	5.13E-15	-2.63127	1	1 RP11-736G13.2	--
ENSG00000271315	5.13E-15	-2.63127	1	1 WI2-2221J1.1	--
ENSG00000271317	5.13E-15	-2.63127	1	1 IGHD4OR15-4A	--
ENSG00000271318	5.13E-15	-2.63127	1	1 AP000654.5	--
ENSG00000271320	5.13E-15	-2.63127	1	1 RP11-1152H14.1	--
ENSG00000271322	5.13E-15	-2.63127	1	1 RP11-390F10.3	--
ENSG00000271328	5.13E-15	-2.63127	1	1 RP11-157D6.1	--
ENSG00000271329	5.13E-15	-2.63127	1	1 RP5-891H21.5	K17776
ENSG00000271330	5.13E-15	-2.63127	1	1 CTA-298G8.2	--
ENSG00000271332	5.13E-15	-2.63127	1	1 RP11-797J4.1	K02140
ENSG00000271333	5.13E-15	-2.63127	1	1 RP11-382B18.5	K10582
ENSG00000271336	5.13E-15	-2.63127	1	1 IGHD1OR15-1A	--
ENSG00000271338	5.13E-15	-2.63127	1	1 RP11-96J19.4	K12866
ENSG00000271339	5.13E-15	-2.63127	1	1 RP11-1114A5.6	--
ENSG00000271340	5.13E-15	-2.63127	1	1 CTD-2526A2.6	--
ENSG00000271343	5.13E-15	-2.63127	1	1 RP11-435O11.5	--
ENSG00000271344	5.13E-15	-2.63127	1	1 RP11-274B21.9	--
ENSG00000271346	5.13E-15	-2.63127	1	1 RP1-321E8.4	--
ENSG00000271347	5.13E-15	-2.63127	1	1 RP11-701H24.7	--
ENSG00000271349	5.13E-15	-2.63127	1	1 RP11-44N17.2	--
ENSG00000271350	5.13E-15	-2.63127	1	1 CTD-2384B9.1	K01551
ENSG00000271351	5.13E-15	-2.63127	1	1 IGKV1OR2-9	--
ENSG00000271353	5.13E-15	-2.63127	1	1 RP11-179H18.8	--
ENSG00000271355	5.13E-15	-2.63127	1	1 RP4-666O22.3	--
ENSG00000271356	5.13E-15	-2.63127	1	1 RP11-335E8.1	--
ENSG00000271357	5.13E-15	-2.63127	1	1 RP11-843B15.3	--
ENSG00000271358	5.13E-15	-2.63127	1	1 RP11-241N4.2	K11836
ENSG00000271360	5.13E-15	-2.63127	1	1 RP11-138I18.1	--
ENSG00000271362	5.13E-15	-2.63127	1	1 RP3-468B3.4	K17299
ENSG00000271364	5.13E-15	-2.63127	1	1 RP11-81A1.8	--
ENSG00000271365	5.13E-15	-2.63127	1	1 RP1-85D24.3	--
ENSG00000271366	5.13E-15	-2.63127	1	1 AC002128.5	--
ENSG00000271368	5.13E-15	-2.63127	1	1 RP11-10E6.1	--
ENSG00000271369	5.13E-15	-2.63127	1	1 RP11-350D17.3	K03964
ENSG00000271373	5.13E-15	-2.63127	1	1 NANOGP3	K10164
ENSG00000271375	5.13E-15	-2.63127	1	1 RP11-295P22.2	--
ENSG00000271377	5.13E-15	-2.63127	1	1 RP11-33I11.3	K06566
ENSG00000271378	5.13E-15	-2.63127	1	1 CTD-2284O10.3	--
ENSG00000271379	5.13E-15	-2.63127	1	1 RP11-440G2.2	--
ENSG00000271381	5.13E-15	-2.63127	1	1 REXO1L9P	K14570
ENSG00000271382	5.13E-15	-2.63127	1	1 RP11-1060G2.2	--
ENSG00000271384	5.13E-15	-2.63127	1	1 RP11-435O5.7	--
ENSG00000271385	5.13E-15	-2.63127	1	1 RP11-108M11.3	--
ENSG00000271386	5.13E-15	-2.63127	1	1 SRGNP1	--
ENSG00000271389	5.13E-15	-2.63127	1	1 OSBPL9P1	--
ENSG00000271390	5.13E-15	-2.63127	1	1 RP11-89C3.3	--
ENSG00000271395	5.13E-15	-2.63127	1	1 RP11-75N6.3	--
ENSG00000271396	5.13E-15	-2.63127	1	1 RP11-697E2.9	K14838
ENSG00000271397	5.13E-15	-2.63127	1	1 RP5-1128N12.2	K18754
ENSG00000271398	5.13E-15	-2.63127	1	1 RP5-1092A3.5	--
ENSG00000271399	5.13E-15	-2.63127	1	1 RP4-799G3.2	--
ENSG00000271400	5.13E-15	-2.63127	1	1 RP13-266I11.1	--

ENSG00000271401	5.13E-15	-2.63127	1	1 RP11-171I2.3	--
ENSG00000271402	5.13E-15	-2.63127	1	1 IGKV2OR2-2	--
ENSG00000271408	5.13E-15	-2.63127	1	1 RP11-186O14.7	--
ENSG00000271409	5.13E-15	-2.63127	1	1 RP11-432J9.3	--
ENSG00000271412	5.13E-15	-2.63127	1	1 AP000892.8	--
ENSG00000271413	5.13E-15	-2.63127	1	1 RP11-809F4.4	--
ENSG00000271417	5.13E-15	-2.63127	1	1 RP11-909M7.3	--
ENSG00000271418	5.13E-15	-2.63127	1	1 RP11-582E3.5	--
ENSG00000271419	5.13E-15	-2.63127	1	1 RP4-591B8.3	K15374
ENSG00000271420	5.13E-15	-2.63127	1	1 RP5-1057J7.7	--
ENSG00000271421	5.13E-15	-2.63127	1	1 RP1-269O5.3	--
ENSG00000271423	5.13E-15	-2.63127	1	1 CYCSP1	K08738
ENSG00000271426	5.13E-15	-2.63127	1	1 RP4-718P11.1	--
ENSG00000271428	5.13E-15	-2.63127	1	1 RP1-224A6.8	--
ENSG00000271429	5.13E-15	-2.63127	1	1 RPL17P51	K02880
ENSG00000271433	5.13E-15	-2.63127	1	1 PPATP2	--
ENSG00000271434	5.13E-15	-2.63127	1	1 RP13-238F13.3	--
ENSG00000271435	5.13E-15	-2.63127	1	1 RP11-803A13.1	--
ENSG00000271439	5.13E-15	-2.63127	1	1 RP11-666A1.7	--
ENSG00000271440	5.13E-15	-2.63127	1	1 RP11-373N24.2	--
ENSG00000271454	5.13E-15	-2.63127	1	1 RP11-290L7.5	K09488
ENSG00000271455	5.13E-15	-2.63127	1	1 RP11-269M20.2	--
ENSG00000271456	5.13E-15	-2.63127	1	1 CTC-661I16.2	--
ENSG00000271457	5.13E-15	-2.63127	1	1 RP11-192B18.1	--
ENSG00000271459	5.13E-15	-2.63127	1	1 RP4-560B9.6	--
ENSG00000271461	5.13E-15	-2.63127	1	1 RP4-673D20.6	K16769
ENSG00000271462	5.13E-15	-2.63127	1	1 RP11-841C19.4	K15604
ENSG00000271464	5.13E-15	-2.63127	1	1 DPRXP7	--
ENSG00000271465	5.13E-15	-2.63127	1	1 SQSTM1P1	--
ENSG00000271466	5.13E-15	-2.63127	1	1 CICIP24	K16941
ENSG00000271468	5.13E-15	-2.63127	1	1 RP11-14N4.1	--
ENSG00000271474	5.13E-15	-2.63127	1	1 RP11-710C12.1	--
ENSG00000271475	5.13E-15	-2.63127	1	1 RP4-799G3.1	--
ENSG00000271477	5.13E-15	-2.63127	1	1 CTC-447K7.1	--
ENSG00000271480	5.13E-15	-2.63127	1	1 RP11-475J5.10	K03880
ENSG00000271482	5.13E-15	-2.63127	1	1 CTB-152G17.4	K03386
ENSG00000271483	5.13E-15	-2.63127	1	1 RP11-384A12.1	--
ENSG00000271486	5.13E-15	-2.63127	1	1 AP000403.3	--
ENSG00000271488	5.13E-15	-2.63127	1	1 RP1-55C23.8	--
ENSG00000271491	5.13E-15	-2.63127	1	1 RP11-787P24.4	--
ENSG00000271492	5.13E-15	-2.63127	1	1 MEMO1P5	--
ENSG00000271494	5.13E-15	-2.63127	1	1 CTB-23I7.3	--
ENSG00000271495	5.13E-15	-2.63127	1	1 RP11-666O2.1	--
ENSG00000271496	5.13E-15	-2.63127	1	1 SNRPGP20	--
ENSG00000271498	5.13E-15	-2.63127	1	1 RP11-505K1.1	--
ENSG00000271499	5.13E-15	-2.63127	1	1 CTC-559E9.9	K17923
ENSG00000271502	5.13E-15	-2.63127	1	1 RP6-166C19.17	--
ENSG00000271507	5.13E-15	-2.63127	1	1 RP11-603B24.6	K06856
ENSG00000271508	5.13E-15	-2.63127	1	1 RP11-73B8.3	--
ENSG00000271509	5.13E-15	-2.63127	1	1 RP11-382A18.3	--
ENSG00000271519	5.13E-15	-2.63127	1	1 RP11-307A17.2	K17985
ENSG00000271522	5.13E-15	-2.63127	1	1 RP11-36B6.1	--
ENSG00000271523	5.13E-15	-2.63127	1	1 RP4-576H24.5	--
ENSG00000271524	5.13E-15	-2.63127	1	1 CTC-260E6.10	--
ENSG00000271525	5.13E-15	-2.63127	1	1 RP11-349K21.1	K07939
ENSG00000271526	5.13E-15	-2.63127	1	1 RP4-668E10.2	--
ENSG00000271527	5.13E-15	-2.63127	1	1 RP11-7G12.2	--
ENSG00000271530	5.13E-15	-2.63127	1	1 RP1-24O22.5	--

ENSG00000271536	5.13E-15	-2.63127	1	1 RP11-51I5.1	K18932
ENSG00000271538	5.13E-15	-2.63127	1	1 RP11-326I11.4	-
ENSG00000271543	5.13E-15	-2.63127	1	1 RP11-692M12.5	K02934
ENSG00000271544	5.13E-15	-2.63127	1	1 AC006499.9	-
ENSG00000271546	5.13E-15	-2.63127	1	1 RP4-725K1.1	-
ENSG00000271547	5.13E-15	-2.63127	1	1 RP11-579D7.8	-
ENSG00000271558	5.13E-15	-2.63127	1	1 RP11-445P19.2	-
ENSG00000271559	5.13E-15	-2.63127	1	1 RP11-380N8.6	-
ENSG00000271560	5.13E-15	-2.63127	1	1 KB-1410C5.4	K02924
ENSG00000271563	5.13E-15	-2.63127	1	1 HIRAP1	-
ENSG00000271564	5.13E-15	-2.63127	1	1 RP13-444H2.1	-
ENSG00000271565	5.13E-15	-2.63127	1	1 RP4-775C13.2	-
ENSG00000271568	5.13E-15	-2.63127	1	1 RP11-632K21.7	-
ENSG00000271569	5.13E-15	-2.63127	1	1 IGKV1OR2-6	-
ENSG00000271573	5.13E-15	-2.63127	1	1 RP11-96C23.12	-
ENSG00000271578	5.13E-15	-2.63127	1	1 RP5-1033H2.1	-
ENSG00000271579	5.13E-15	-2.63127	1	1 RP11-116D17.3	-
ENSG00000271581	5.13E-15	-2.63127	1	1 XXbac-BPG248L24.	K06751
ENSG00000271582	5.13E-15	-2.63127	1	1 RP11-511P7.4	-
ENSG00000271583	5.13E-15	-2.63127	1	1 RP11-638D14.1	-
ENSG00000271584	5.13E-15	-2.63127	1	1 RP11-89C3.4	-
ENSG00000271585	5.13E-15	-2.63127	1	1 CTB-88F18.4	-
ENSG00000271587	5.13E-15	-2.63127	1	1 GS1-531I17.3	K02993
ENSG00000271588	5.13E-15	-2.63127	1	1 RP11-435P24.3	K15191
ENSG00000271589	5.13E-15	-2.63127	1	1 RP11-130N24.2	-
ENSG00000271593	5.13E-15	-2.63127	1	1 RP11-335E6.4	-
ENSG00000271594	5.13E-15	-2.63127	1	1 RP11-277L2.6	-
ENSG00000271595	5.13E-15	-2.63127	1	1 TCEB1P35	K03872
ENSG00000271596	5.13E-15	-2.63127	1	1 RP11-407N8.4	K13120
ENSG00000271597	5.13E-15	-2.63127	1	1 RP11-85D18.1	-
ENSG00000271598	5.13E-15	-2.63127	1	1 CTD-2542C24.9	-
ENSG00000271602	5.13E-15	-2.63127	1	1 KRT8P49	K07605
ENSG00000271605	5.13E-15	-2.63127	1	1 MILR1	K02927
ENSG00000271606	5.13E-15	-2.63127	1	1 RP11-27G13.5	-
ENSG00000271608	5.13E-15	-2.63127	1	1 RP11-697G4.4	-
ENSG00000271609	5.13E-15	-2.63127	1	1 CTB-31N19.4	K02947
ENSG00000271611	5.13E-15	-2.63127	1	1 RP4-813F11.3	-
ENSG00000271612	5.13E-15	-2.63127	1	1 HSPE1P14	K04078
ENSG00000271615	5.13E-15	-2.63127	1	1 CTD-2026C7.1	K05692
ENSG00000271616	5.13E-15	-2.63127	1	1 RP11-578F21.13	K18172
ENSG00000271618	5.13E-15	-2.63127	1	1 RP11-175G14.2	-
ENSG00000271620	5.13E-15	-2.63127	1	1 IGHV3OR16-7	K06856
ENSG00000271621	5.13E-15	-2.63127	1	1 RP11-60E8.3	-
ENSG00000271623	5.13E-15	-2.63127	1	1 RP11-435I10.5	-
ENSG00000271624	5.13E-15	-2.63127	1	1 RP11-651K21.1	-
ENSG00000271625	5.13E-15	-2.63127	1	1 PSMA6P4	K02730
ENSG00000271627	5.13E-15	-2.63127	1	1 RP11-165D20.1	-
ENSG00000271629	5.13E-15	-2.63127	1	1 RP11-79J24.1	-
ENSG00000271630	5.13E-15	-2.63127	1	1 IGKV2OR2-8	-
ENSG00000271632	5.13E-15	-2.63127	1	1 RP11-496I2.7	-
ENSG00000271638	5.13E-15	-2.63127	1	1 CTC-575C13.2	-
ENSG00000271642	5.13E-15	-2.63127	1	1 RP11-66E20.2	-
ENSG00000271644	5.13E-15	-2.63127	1	1 RP3-365I19.2	-
ENSG00000271649	5.13E-15	-2.63127	1	1 LINC00904	-
ENSG00000271650	5.13E-15	-2.63127	1	1 AL031601.4	K12019
ENSG00000271652	5.13E-15	-2.63127	1	1 RP11-168P6.2	-
ENSG00000271653	5.13E-15	-2.63127	1	1 RP11-259K5.1	-
ENSG00000271654	5.13E-15	-2.63127	1	1 RP11-685B14.3	-

ENSG00000271655	5.13E-15	-2.63127	1	1 CTD-2579N5.5	-
ENSG00000271656	5.13E-15	-2.63127	1	1 RP11-114N19.5	K02880
ENSG00000271657	5.13E-15	-2.63127	1	1 RP11-270B14.1	K03861
ENSG00000271660	5.13E-15	-2.63127	1	1 RP1-73A14.2	-
ENSG00000271661	5.13E-15	-2.63127	1	1 CTB-87J17.2	-
ENSG00000271666	5.13E-15	-2.63127	1	1 CTC-523E23.9	K09230
ENSG00000271667	5.13E-15	-2.63127	1	1 RP11-338I24.1	-
ENSG00000271671	5.13E-15	-2.63127	1	1 RP11-598F17.2	-
ENSG00000271672	5.13E-15	-2.63127	1	1 DUXAP8	-
ENSG00000271676	5.13E-15	-2.63127	1	1 RP11-1E1.2	-
ENSG00000271677	5.13E-15	-2.63127	1	1 RP1-274L7.3	K18083
ENSG00000271679	5.13E-15	-2.63127	1	1 CTB-107P3.1	-
ENSG00000271680	5.13E-15	-2.63127	1	1 RP11-564A8.8	-
ENSG00000271681	5.13E-15	-2.63127	1	1 RP11-1259L22.2	K17431
ENSG00000271682	5.13E-15	-2.63127	1	1 RP11-393B14.2	-
ENSG00000271686	5.13E-15	-2.63127	1	1 CTD-2230M5.3	K15436
ENSG00000271687	5.13E-15	-2.63127	1	1 MTND5P10	K03883
ENSG00000271691	5.13E-15	-2.63127	1	1 RP11-812E19.12	-
ENSG00000271693	5.13E-15	-2.63127	1	1 CTD-2194M22.1	K16795
ENSG00000271696	5.13E-15	-2.63127	1	1 RP11-548K12.13	-
ENSG00000271697	5.13E-15	-2.63127	1	1 RP11-1012A1.10	K15376
ENSG00000271698	5.13E-15	-2.63127	1	1 GS1-393G12.13	K10272
ENSG00000271699	5.13E-15	-2.63127	1	1 SNX29P2	K17935
ENSG00000271701	5.13E-15	-2.63127	1	1 RP11-438F14.10	-
ENSG00000271702	5.13E-15	-2.63127	1	1 RP11-63N3.2	-
ENSG00000271704	5.13E-15	-2.63127	1	1 CTC-575C13.1	-
ENSG00000271705	5.13E-15	-2.63127	1	1 RPL17P3	K02880
ENSG00000271707	5.13E-15	-2.63127	1	1 ATP1B3P1	K01540
ENSG00000271709	5.13E-15	-2.63127	1	1 RP11-297J22.1	-
ENSG00000271711	5.13E-15	-2.63127	1	1 RP11-392O18.2	K19202
ENSG00000271712	5.13E-15	-2.63127	1	1 RP11-688D15.2	-
ENSG00000271714	5.13E-15	-2.63127	1	1 CTD-2377O17.1	-
ENSG00000271716	5.13E-15	-2.63127	1	1 RP11-169K17.4	-
ENSG00000271717	5.13E-15	-2.63127	1	1 CTD-3020H12.4	-
ENSG00000271721	5.13E-15	-2.63127	1	1 RP11-337C18.9	-
ENSG00000271722	5.13E-15	-2.63127	1	1 RP11-446E9.2	-
ENSG00000271724	5.13E-15	-2.63127	1	1 CTC-359M8.3	-
ENSG00000271725	5.13E-15	-2.63127	1	1 RP11-761I4.4	-
ENSG00000271734	5.13E-15	-2.63127	1	1 RP1-111B22.3	-
ENSG00000271736	5.13E-15	-2.63127	1	1 RP11-85G21.3	-
ENSG00000271739	5.13E-15	-2.63127	1	1 U1	-
ENSG00000271742	5.13E-15	-2.63127	1	1 RP4-680D5.9	-
ENSG00000271743	5.13E-15	-2.63127	1	1 CTD-2541M15.3	-
ENSG00000271745	5.13E-15	-2.63127	1	1 AC093668.3	-
ENSG00000271746	5.13E-15	-2.63127	1	1 RP1-202O8.3	-
ENSG00000271749	5.13E-15	-2.63127	1	1 RP11-269G24.7	-
ENSG00000271751	5.13E-15	-2.63127	1	1 RP11-110I1.14	-
ENSG00000271752	5.13E-15	-2.63127	1	1 RP11-269M20.3	-
ENSG00000271758	5.13E-15	-2.63127	1	1 RP11-35J10.5	-
ENSG00000271762	5.13E-15	-2.63127	1	1 RP11-213H15.4	-
ENSG00000271763	5.13E-15	-2.63127	1	1 RP11-386M24.9	-
ENSG00000271765	5.13E-15	-2.63127	1	1 7SK	-
ENSG00000271766	5.13E-15	-2.63127	1	1 CTD-2195M15.3	-
ENSG00000271767	5.13E-15	-2.63127	1	1 AP002789.1	-
ENSG00000271770	5.13E-15	-2.63127	1	1 Metazoa_SRP	-
ENSG00000271771	5.13E-15	-2.63127	1	1 RP11-1250I15.3	-
ENSG00000271774	5.13E-15	-2.63127	1	1 RP4-678D15.1	-
ENSG00000271776	5.13E-15	-2.63127	1	1 RP11-52L5.6	-

ENSG00000271779	5.13E-15	-2.63127	1	1 RP11-87N3.6	--
ENSG00000271784	5.13E-15	-2.63127	1	1 RP1-28H20.3	--
ENSG00000271786	5.13E-15	-2.63127	1	1 RP11-139J15.7	--
ENSG00000271787	5.13E-15	-2.63127	1	1 RP11-254F7.3	--
ENSG00000271792	5.13E-15	-2.63127	1	1 CTB-35F21.5	--
ENSG00000271793	5.13E-15	-2.63127	1	1 RP11-321N4.5	K17926
ENSG00000271794	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000271796	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000271810	5.13E-15	-2.63127	1	1 RP11-426L16.10	K17504
ENSG00000271811	5.13E-15	-2.63127	1	1 RP1-79C4.4	--
ENSG00000271814	5.13E-15	-2.63127	1	1 7SK	--
ENSG00000271817	5.13E-15	-2.63127	1	1 U3	--
ENSG00000271818	5.13E-15	-2.63127	1	1 7SK	--
ENSG00000271820	5.13E-15	-2.63127	1	1 RP5-894D12.5	--
ENSG00000271821	5.13E-15	-2.63127	1	1 XXbac-BPG299F13.	--
ENSG00000271824	5.13E-15	-2.63127	1	1 AC009014.3	--
ENSG00000271830	5.13E-15	-2.63127	1	1 RP11-1C8.7	--
ENSG00000271831	5.13E-15	-2.63127	1	1 AL022345.9	--
ENSG00000271841	5.13E-15	-2.63127	1	1 U7	--
ENSG00000271842	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000271845	5.13E-15	-2.63127	1	1 RP4-790G17.7	--
ENSG00000271846	5.13E-15	-2.63127	1	1 CTD-3113P16.9	--
ENSG00000271848	5.13E-15	-2.63127	1	1 RP11-464F9.21	--
ENSG00000271850	5.13E-15	-2.63127	1	1 RP11-16D22.2	--
ENSG00000271852	5.13E-15	-2.63127	1	1 SNORD11B	--
ENSG00000271853	5.13E-15	-2.63127	1	1 RP1-178F15.5	--
ENSG00000271856	5.13E-15	-2.63127	1	1 RP11-861A13.4	--
ENSG00000271860	5.13E-15	-2.63127	1	1 RP11-436D23.1	--
ENSG00000271874	5.13E-15	-2.63127	1	1 CTD-2024P10.2	--
ENSG00000271875	5.13E-15	-2.63127	1	1 RP11-430N14.4	--
ENSG00000271876	5.13E-15	-2.63127	1	1 AC073508.1	--
ENSG00000271885	5.13E-15	-2.63127	1	1 SRSF8	K12891
ENSG00000271886	5.13E-15	-2.63127	1	1 MIR98	--
ENSG00000271890	5.13E-15	-2.63127	1	1 OR10AE1P	--
ENSG00000271894	5.13E-15	-2.63127	1	1 RP11-482H16.1	--
ENSG00000271897	5.13E-15	-2.63127	1	1 RP11-679B17.2	--
ENSG00000271898	5.13E-15	-2.63127	1	1 MIR4791	--
ENSG00000271899	5.13E-15	-2.63127	1	1 MIR4466	--
ENSG00000271900	5.13E-15	-2.63127	1	1 RP11-1113L8.7	--
ENSG00000271901	5.13E-15	-2.63127	1	1 RP11-266E6.3	--
ENSG00000271904	5.13E-15	-2.63127	1	1 CTC-498M16.4	--
ENSG00000271905	5.13E-15	-2.63127	1	1 AC137590.1	--
ENSG00000271907	5.13E-15	-2.63127	1	1 SNORA35	--
ENSG00000271911	5.13E-15	-2.63127	1	1 RP11-532F6.5	--
ENSG00000271916	5.13E-15	-2.63127	1	1 RP11-884K10.6	--
ENSG00000271917	5.13E-15	-2.63127	1	1 RP11-506O24.2	--
ENSG00000271919	5.13E-15	-2.63127	1	1 RP11-269G24.8	--
ENSG00000271922	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000271923	5.13E-15	-2.63127	1	1 U6	--
ENSG00000271931	5.13E-15	-2.63127	1	1 RP11-63L7.5	--
ENSG00000271932	5.13E-15	-2.63127	1	1 U6	--
ENSG00000271934	5.13E-15	-2.63127	1	1 OR2AS2P	--
ENSG00000271938	5.13E-15	-2.63127	1	1 RP11-589C21.6	--
ENSG00000271941	5.13E-15	-2.63127	1	1 RP11-188P20.3	--
ENSG00000271943	5.13E-15	-2.63127	1	1 RP11-222K16.1	--
ENSG00000271945	5.13E-15	-2.63127	1	1 RP11-354K4.2	--
ENSG00000271946	5.13E-15	-2.63127	1	1 MIR376C	--
ENSG00000271947	5.13E-15	-2.63127	1	1 RP11-439M11.1	--

ENSG00000271949	5.13E-15	-2.63127	1	1 RP11-302M6.4	--
ENSG00000271952	5.13E-15	-2.63127	1	1 RP11-245G13.2	--
ENSG00000271955	5.13E-15	-2.63127	1	1 RP11-444A22.1	--
ENSG00000271956	5.13E-15	-2.63127	1	1 DLX6-AS2	--
ENSG00000271958	5.13E-15	-2.63127	1	1 RP11-617D20.2	--
ENSG00000271959	5.13E-15	-2.63127	1	1 CTD-3064M3.7	--
ENSG00000271969	5.13E-15	-2.63127	1	1 U47924.29	--
ENSG00000271974	5.13E-15	-2.63127	1	1 RP11-927P21.12	K10874
ENSG00000271981	5.13E-15	-2.63127	1	1 RP11-573G6.8	--
ENSG00000271982	5.13E-15	-2.63127	1	1 SNORD58B	--
ENSG00000271985	5.13E-15	-2.63127	1	1 RP11-589B3.7	K01896
ENSG00000271986	5.13E-15	-2.63127	1	1 Metazoa_SRP	--
ENSG00000271989	5.13E-15	-2.63127	1	1 RP4-736L20.3	--
ENSG00000271995	5.13E-15	-2.63127	1	1 AC034154.1	--
ENSG00000271998	5.13E-15	-2.63127	1	1 CTD-2199O4.7	--
ENSG00000272002	5.13E-15	-2.63127	1	1 RP11-557L19.1	--
ENSG00000272005	5.13E-15	-2.63127	1	1 RP11-91J19.4	--
ENSG00000272015	5.13E-15	-2.63127	1	1 SNORA62	--
ENSG00000272019	5.13E-15	-2.63127	1	1 Metazoa_SRP	--
ENSG00000272020	5.13E-15	-2.63127	1	1 U1	--
ENSG00000272021	5.13E-15	-2.63127	1	1 AC008592.8	--
ENSG00000272023	5.13E-15	-2.63127	1	1 CTC-350I8.1	--
ENSG00000272025	5.13E-15	-2.63127	1	1 SNORA74	--
ENSG00000272027	5.13E-15	-2.63127	1	1 RP11-529E15.1	--
ENSG00000272028	5.13E-15	-2.63127	1	1 U6	--
ENSG00000272029	5.13E-15	-2.63127	1	1 RP3-511B24.6	--
ENSG00000272033	5.13E-15	-2.63127	1	1 RP11-52A20.2	--
ENSG00000272036	5.13E-15	-2.63127	1	1 MIR139	--
ENSG00000272042	5.13E-15	-2.63127	1	1 Metazoa_SRP	--
ENSG00000272045	5.13E-15	-2.63127	1	1 MIR1914	--
ENSG00000272049	5.13E-15	-2.63127	1	1 RP11-480D4.6	--
ENSG00000272050	5.13E-15	-2.63127	1	1 RP13-379O24.3	--
ENSG00000272051	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000272066	5.13E-15	-2.63127	1	1 RP3-326L13.2	--
ENSG00000272075	5.13E-15	-2.63127	1	1 Metazoa_SRP	--
ENSG00000272076	5.13E-15	-2.63127	1	1 RP11-11C20.3	--
ENSG00000272080	5.13E-15	-2.63127	1	1 MIR502	--
ENSG00000272082	5.13E-15	-2.63127	1	1 AC093628.1	--
ENSG00000272085	5.13E-15	-2.63127	1	1 RP11-542A14.2	--
ENSG00000272094	5.13E-15	-2.63127	1	1 RP4-665J23.4	--
ENSG00000272096	5.13E-15	-2.63127	1	1 Metazoa_SRP	--
ENSG00000272098	5.13E-15	-2.63127	1	1 AC092299.8	--
ENSG00000272103	5.13E-15	-2.63127	1	1 CTD-2653M23.3	--
ENSG00000272104	5.13E-15	-2.63127	1	1 XXcos-LUCA11.5	K08371
ENSG00000272108	5.13E-15	-2.63127	1	1 AC005754.8	--
ENSG00000272113	5.13E-15	-2.63127	1	1 Y_RNA	--
ENSG00000272114	5.13E-15	-2.63127	1	1 RP1-261G23.7	--
ENSG00000272115	5.13E-15	-2.63127	1	1 GS1-393G12.14	--
ENSG00000272121	5.13E-15	-2.63127	1	1 RP4-555D20.4	--
ENSG00000272127	5.13E-15	-2.63127	1	1 RP11-129K12.3	--
ENSG00000272134	5.13E-15	-2.63127	1	1 RP11-927P21.8	--
ENSG00000272135	5.13E-15	-2.63127	1	1 RP11-107C16.2	--
ENSG00000272137	5.13E-15	-2.63127	1	1 RP11-177G23.2	--
ENSG00000272139	5.13E-15	-2.63127	1	1 CTD-2544H17.2	--
ENSG00000272141	5.13E-15	-2.63127	1	1 RP11-465B22.8	--
ENSG00000272143	5.13E-15	-2.63127	1	1 FGF14-AS2	--
ENSG00000272149	5.13E-15	-2.63127	1	1 RP11-627J17.1	--
ENSG00000272154	5.13E-15	-2.63127	1	1 AC005754.7	--

ENSG00000272157	5.13E-15	-2.63127	1	1 CTD-2168K21.2	--
ENSG00000272158	5.13E-15	-2.63127	1	1 RP11-840I19.5	--
ENSG00000272159	5.13E-15	-2.63127	1	1 RP11-350N15.6	--
ENSG00000272160	5.13E-15	-2.63127	1	1 U4	--
ENSG00000272162	5.13E-15	-2.63127	1	1 RP11-637O19.3	--
ENSG00000272163	5.13E-15	-2.63127	1	1 GS1-72M22.1	--
ENSG00000272164	5.13E-15	-2.63127	1	1 RP11-180P8.5	--
ENSG00000272166	5.13E-15	-2.63127	1	1 SNORD5	--
ENSG00000272167	5.13E-15	-2.63127	1	1 RP11-53A1.2	--
ENSG00000272173	5.13E-15	-2.63127	1	1 U47924.31	--
ENSG00000272174	5.13E-15	-2.63127	1	1 AC026703.2	--
ENSG00000272175	5.13E-15	-2.63127	1	1 RP4-657D16.6	--
ENSG00000272177	5.13E-15	-2.63127	1	1 RP11-340F16.1	--
ENSG00000272179	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000272180	5.13E-15	-2.63127	1	1 RP11-481J13.1	--
ENSG00000272186	5.13E-15	-2.63127	1	1 RP11-110I1.13	--
ENSG00000272191	5.13E-15	-2.63127	1	1 RP11-445F12.2	--
ENSG00000272197	5.13E-15	-2.63127	1	1 Metazoa_SRP	--
ENSG00000272203	5.13E-15	-2.63127	1	1 AC004775.5	--
ENSG00000272209	5.13E-15	-2.63127	1	1 RP3-500L14.2	--
ENSG00000272213	5.13E-15	-2.63127	1	1 MIR484	--
ENSG00000272214	5.13E-15	-2.63127	1	1 AC079602.1	K17985
ENSG00000272215	5.13E-15	-2.63127	1	1 U7	--
ENSG00000272217	5.13E-15	-2.63127	1	1 XXbac-BPG157A10	--
ENSG00000272218	5.13E-15	-2.63127	1	1 RP11-11N5.3	--
ENSG00000272219	5.13E-15	-2.63127	1	1 CTB-181H17.1	--
ENSG00000272220	5.13E-15	-2.63127	1	1 RP11-927P21.9	--
ENSG00000272221	5.13E-15	-2.63127	1	1 XXbac-BPG181B23.	--
ENSG00000272225	5.13E-15	-2.63127	1	1 RP11-592B15.9	--
ENSG00000272230	5.13E-15	-2.63127	1	1 MIR3666	--
ENSG00000272231	5.13E-15	-2.63127	1	1 AC136188.1	--
ENSG00000272232	5.13E-15	-2.63127	1	1 Metazoa_SRP	--
ENSG00000272233	5.13E-15	-2.63127	1	1 RP11-503E24.3	--
ENSG00000272234	5.13E-15	-2.63127	1	1 CTD-2325A15.5	--
ENSG00000272235	5.13E-15	-2.63127	1	1 RP11-22L13.1	--
ENSG00000272236	5.13E-15	-2.63127	1	1 XXbac-BPG170G13	--
ENSG00000272237	5.13E-15	-2.63127	1	1 SNORA25	--
ENSG00000272239	5.13E-15	-2.63127	1	1 CTB-108O6.2	--
ENSG00000272241	5.13E-15	-2.63127	1	1 AL160275.1	--
ENSG00000272243	5.13E-15	-2.63127	1	1 RP11-554D15.3	--
ENSG00000272244	5.13E-15	-2.63127	1	1 Metazoa_SRP	--
ENSG00000272247	5.13E-15	-2.63127	1	1 RP11-379F4.9	--
ENSG00000272249	5.13E-15	-2.63127	1	1 KB-1958F4.2	--
ENSG00000272250	5.13E-15	-2.63127	1	1 RP11-346C20.4	--
ENSG00000272253	5.13E-15	-2.63127	1	1 5S_rRNA	--
ENSG00000272255	5.13E-15	-2.63127	1	1 CTD-3224K15.3	--
ENSG00000272259	5.13E-15	-2.63127	1	1 RP11-305P22.9	--
ENSG00000272262	5.13E-15	-2.63127	1	1 U6	--
ENSG00000272268	5.13E-15	-2.63127	1	1 DKFZP761K2322	K12581
ENSG00000272272	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000272273	5.13E-15	-2.63127	1	1 XXbac-BPG252P9.1	--
ENSG00000272278	5.13E-15	-2.63127	1	1 AL121932.1	--
ENSG00000272282	5.13E-15	-2.63127	1	1 RP11-222K16.2	--
ENSG00000272286	5.13E-15	-2.63127	1	1 Z83307.3	--
ENSG00000272291	5.13E-15	-2.63127	1	1 MIR665	--
ENSG00000272292	5.13E-15	-2.63127	1	1 U6	--
ENSG00000272293	5.13E-15	-2.63127	1	1 RP11-91J19.3	--
ENSG00000272294	5.13E-15	-2.63127	1	1 RP3-326L13.3	--

ENSG00000272296	5.13E-15	-2.63127	1	1 SNORD96A	—
ENSG00000272297	5.13E-15	-2.63127	1	1 RP11-215A19.2	K04285
ENSG00000272298	5.13E-15	-2.63127	1	1 RP11-386M24.8	—
ENSG00000272299	5.13E-15	-2.63127	1	1 RP11-394A14.4	—
ENSG00000272302	5.13E-15	-2.63127	1	1 BX004987.1	—
ENSG00000272304	5.13E-15	-2.63127	1	1 RP11-19C24.1	—
ENSG00000272310	5.13E-15	-2.63127	1	1 snoU13	—
ENSG00000272311	5.13E-15	-2.63127	1	1 IFNL4P1	—
ENSG00000272317	5.13E-15	-2.63127	1	1 AL162424.2	—
ENSG00000272319	5.13E-15	-2.63127	1	1 AL022345.7	—
ENSG00000272320	5.13E-15	-2.63127	1	1 RP11-506K6.4	—
ENSG00000272321	5.13E-15	-2.63127	1	1 KB-1517D11.4	—
ENSG00000272323	5.13E-15	-2.63127	1	1 CTD-2517O10.6	—
ENSG00000272327	5.13E-15	-2.63127	1	1 RP11-1002K11.1	—
ENSG00000272328	5.13E-15	-2.63127	1	1 RP4-594A5.1	—
ENSG00000272329	5.13E-15	-2.63127	1	1 RP11-65L19.4	—
ENSG00000272330	5.13E-15	-2.63127	1	1 AC002044.4	—
ENSG00000272337	5.13E-15	-2.63127	1	1 U6	—
ENSG00000272342	5.13E-15	-2.63127	1	1 RP13-539J13.1	—
ENSG00000272344	5.13E-15	-2.63127	1	1 SNORD114-21	—
ENSG00000272346	5.13E-15	-2.63127	1	1 RP11-927P21.11	—
ENSG00000272347	5.13E-15	-2.63127	1	1 RP11-43F13.4	—
ENSG00000272349	5.13E-15	-2.63127	1	1 RP11-397O8.7	—
ENSG00000272351	5.13E-15	-2.63127	1	1 5S_rRNA	—
ENSG00000272362	5.13E-15	-2.63127	1	1 RP4-781K5.9	—
ENSG00000272371	5.13E-15	-2.63127	1	1 RP11-25O10.2	—
ENSG00000272372	5.13E-15	-2.63127	1	1 RP11-441F2.5	—
ENSG00000272380	5.13E-15	-2.63127	1	1 MIR3976	—
ENSG00000272383	5.13E-15	-2.63127	1	1 RP11-556O9.4	—
ENSG00000272384	5.13E-15	-2.63127	1	1 RP11-44N11.2	—
ENSG00000272385	5.13E-15	-2.63127	1	1 AC007682.3	—
ENSG00000272387	5.13E-15	-2.63127	1	1 AL022345.8	—
ENSG00000272393	5.13E-15	-2.63127	1	1 U6	—
ENSG00000272395	5.13E-15	-2.63127	1	1 IFNL4	—
ENSG00000272396	5.13E-15	-2.63127	1	1 CTC-490G23.4	—
ENSG00000272397	5.13E-15	-2.63127	1	1 RP11-497D6.5	—
ENSG00000272400	5.13E-15	-2.63127	1	1 RP11-927P21.7	—
ENSG00000272406	5.13E-15	-2.63127	1	1 RP11-185E12.2	—
ENSG00000272407	5.13E-15	-2.63127	1	1 RP3-511B24.5	K02893
ENSG00000272410	5.13E-15	-2.63127	1	1 RP11-438J1.1	K03424
ENSG00000272411	5.13E-15	-2.63127	1	1 RP11-44B19.1	—
ENSG00000272412	5.13E-15	-2.63127	1	1 Metazoa_SRP	—
ENSG00000272414	5.13E-15	-2.63127	1	1 FAM47E-STBD1	—
ENSG00000272418	5.13E-15	-2.63127	1	1 RP11-762H8.4	—
ENSG00000272425	5.13E-15	-2.63127	1	1 RP11-363E6.4	—
ENSG00000272431	5.13E-15	-2.63127	1	1 RP11-281O15.8	—
ENSG00000272435	5.13E-15	-2.63127	1	1 5S_rRNA	—
ENSG00000272436	5.13E-15	-2.63127	1	1 CUX2P1	—
ENSG00000272440	5.13E-15	-2.63127	1	1 RP11-379F4.6	—
ENSG00000272443	5.13E-15	-2.63127	1	1 OR13Z2P	K04257
ENSG00000272445	5.13E-15	-2.63127	1	1 U6	—
ENSG00000272446	5.13E-15	-2.63127	1	1 RP1-225E12.3	—
ENSG00000272448	5.13E-15	-2.63127	1	1 LLNLR-299G3.1	—
ENSG00000272456	5.13E-15	-2.63127	1	1 CTD-2342N23.3	—
ENSG00000272458	5.13E-15	-2.63127	1	1 MIR432	—
ENSG00000272460	5.13E-15	-2.63127	1	1 SNORD115-40	—
ENSG00000272461	5.13E-15	-2.63127	1	1 RP11-689C9.1	—
ENSG00000272463	5.13E-15	-2.63127	1	1 RP11-532F6.3	—

ENSG00000272464	5.13E-15	-2.63127	1	1 snoU13	--
ENSG00000272469	5.13E-15	-2.63127	1	1 Metazoa_SRP	--
ENSG00000272474	5.13E-15	-2.63127	1	1 SNORD113-5	--
ENSG00000272475	5.13E-15	-2.63127	1	1 RP11-342M3.2	K01896
ENSG00000272477	5.13E-15	-2.63127	1	1 RP11-158G18.1	--
ENSG00000272478	5.13E-15	-2.63127	1	1 RP1-317E23.7	--
ENSG00000272479	5.13E-15	-2.63127	1	1 RP11-301G7.1	--
ENSG00000272480	5.13E-15	-2.63127	1	1 OR13Z3P	--
ENSG00000272483	5.13E-15	-2.63127	1	1 RP11-169K17.3	--
ENSG00000272485	5.13E-15	-2.63127	1	1 RP11-284J1.1	--
ENSG00000272489	5.13E-15	-2.63127	1	1 RP11-182L21.5	--
ENSG00000272491	5.13E-15	-2.63127	1	1 RP5-1024N4.4	--
ENSG00000272494	5.13E-15	-2.63127	1	1 OR1X1P	K04257
ENSG00000272501	5.13E-15	-2.63127	1	1 XXbac-BPG299F13.	--
ENSG00000272505	5.13E-15	-2.63127	1	1 RP11-981G7.6	--
ENSG00000272510	5.13E-15	-2.63127	1	1 RP4-680D5.8	--
ENSG00000272511	5.13E-15	-2.63127	1	1 RP11-180N14.1	--
ENSG00000272514	5.13E-15	-2.63127	1	1 C6ORF165	--
ENSG00000272515	5.13E-15	-2.63127	1	1 RP11-29P20.1	--
ENSG00000272519	5.13E-15	-2.63127	1	1 RP11-105N14.2	--
ENSG00000272521	5.13E-15	-2.63127	1	1 RP1-63M2.6	--
ENSG00000272536	5.13E-15	-2.63127	1	1 Metazoa_SRP	--
ENSG00000272537	5.13E-15	-2.63127	1	1 GS1-166A23.1	--
ENSG00000272540	5.13E-15	-2.63127	1	1 XXbac-BPG252P9.9	--
ENSG00000272541	5.13E-15	-2.63127	1	1 XXbac-BPGBPG55C	--
ENSG00000272542	5.13E-15	-2.63127	1	1 RP11-255P5.2	--
ENSG00000272543	5.13E-15	-2.63127	1	1 MIR4787	--
ENSG00000272545	5.13E-15	-2.63127	1	1 CTC-527H23.4	--
ENSG00000272546	5.13E-15	-2.63127	1	1 OR3A5P	K04257
ENSG00000272549	5.13E-15	-2.63127	1	1 RP11-351J23.2	--
ENSG00000272551	5.13E-15	-2.63127	1	1 RP11-324L17.1	--
ENSG00000272554	5.13E-15	-2.63127	1	1 RP11-317L10.1	--
ENSG00000272555	5.13E-15	-2.63127	1	1 RP11-459I19.1	--
ENSG00000272558	5.13E-15	-2.63127	1	1 U91328.21	--
ENSG00000272559	5.13E-15	-2.63127	1	1 OR51F3P	K04257
ENSG00000272563	5.13E-15	-2.63127	1	1 RP11-480C16.1	--
ENSG00000272564	5.13E-15	-2.63127	1	1 RP11-548P2.2	--
ENSG00000272566	5.13E-15	-2.63127	1	1 RP11-462G22.2	--
ENSG00000272568	5.13E-15	-2.63127	1	1 CTB-113D17.1	--
ENSG00000272569	5.13E-15	-2.63127	1	1 OR5BL1P	--
ENSG00000272575	5.13E-15	-2.63127	1	1 RP11-702B10.1	--
ENSG00000272583	5.13E-15	-2.63127	1	1 RP11-344P13.6	--
ENSG00000272592	5.13E-15	-2.63127	1	1 RP11-63A2.2	--
ENSG00000272595	5.13E-15	-2.63127	1	1 OR10AH1P	K04257
ENSG00000272600	5.13E-15	-2.63127	1	1 AC007308.7	--
ENSG00000272601	5.13E-15	-2.63127	1	1 RP11-155G14.5	--
ENSG00000272617	5.13E-15	-2.63127	1	1 RP11-343C2.12	K01462
ENSG00000272619	5.13E-15	-2.63127	1	1 RP11-563K23.1	--
ENSG00000272625	5.13E-15	-2.63127	1	1 RP11-737O24.5	--
ENSG00000272626	5.13E-15	-2.63127	1	1 RP11-468N14.13	--
ENSG00000272628	5.13E-15	-2.63127	1	1 REXO1L3P	K14570
ENSG00000272632	5.13E-15	-2.63127	1	1 RP11-362F19.3	--
ENSG00000272634	5.13E-15	-2.63127	1	1 OR51F5P	K04257
ENSG00000272635	5.13E-15	-2.63127	1	1 LLNLF-65H9.1	--
ENSG00000272636	5.13E-15	-2.63127	1	1 DOC2B	--
ENSG00000272638	5.13E-15	-2.63127	1	1 GS1-114I9.1	--
ENSG00000272639	5.13E-15	-2.63127	1	1 RP11-66B24.8	--
ENSG00000272642	5.13E-15	-2.63127	1	1 CTD-2234N14.1	--

ENSG00000272646	5.13E-15	-2.63127	1	1 RP11-188P17.2	--
ENSG00000272657	5.13E-15	-2.63127	1	1 AP000320.7	--
ENSG00000272660	5.13E-15	-2.63127	1	1 RP11-145M9.6	--
ENSG00000272661	5.13E-15	-2.63127	1	1 RP4-548D19.3	--
ENSG00000272664	5.13E-15	-2.63127	1	1 OR51C4P	K04257
ENSG00000272672	5.13E-15	-2.63127	1	1 RP11-302M6.5	--
ENSG00000272675	5.13E-15	-2.63127	1	1 AC004019.18	--
ENSG00000272676	5.13E-15	-2.63127	1	1 OR5AO1P	--
ENSG00000272678	5.13E-15	-2.63127	1	1 RP11-797D24.4	--
ENSG00000272679	5.13E-15	-2.63127	1	1 RP11-216L13.18	--
ENSG00000272685	5.13E-15	-2.63127	1	1 OR9I3P	K04257
ENSG00000272688	5.13E-15	-2.63127	1	1 RP13-270P17.3	--
ENSG00000272689	5.13E-15	-2.63127	1	1 RP4-539M6.21	--
ENSG00000272690	5.13E-15	-2.63127	1	1 RP11-803B1.8	--
ENSG00000272694	5.13E-15	-2.63127	1	1 RP1-63G5.8	--
ENSG00000272699	5.13E-15	-2.63127	1	1 RP11-145M9.5	--
ENSG00000272700	5.13E-15	-2.63127	1	1 RP11-245C23.3	--
ENSG00000272701	5.13E-15	-2.63127	1	1 RP11-2E11.10	--
ENSG00000272709	5.13E-15	-2.63127	1	1 RP11-458D21.6	--
ENSG00000272710	5.13E-15	-2.63127	1	1 CTD-2026G6.3	--
ENSG00000272714	5.13E-15	-2.63127	1	1 RP1-276J11.3	--
ENSG00000272719	5.13E-15	-2.63127	1	1 CTB-161C1.1	--
ENSG00000272724	5.13E-15	-2.63127	1	1 RP1-288H2.4	--
ENSG00000272727	5.13E-15	-2.63127	1	1 RP11-142A22.4	--
ENSG00000272729	5.13E-15	-2.63127	1	1 RP11-387A1.5	--
ENSG00000272733	5.13E-15	-2.63127	1	1 KB-208E9.1	--
ENSG00000272741	5.13E-15	-2.63127	1	1 RP11-447L10.1	K00968
ENSG00000272742	5.13E-15	-2.63127	1	1 CTB-43P18.1	--
ENSG00000272746	5.13E-15	-2.63127	1	1 RP11-53B2.6	--
ENSG00000272748	5.13E-15	-2.63127	1	1 RP11-222G7.2	--
ENSG00000272754	5.13E-15	-2.63127	1	1 AL133245.2	--
ENSG00000272762	5.13E-15	-2.63127	1	1 RP11-155D18.14	K13162
ENSG00000272763	5.13E-15	-2.63127	1	1 RP11-357H14.17	--
ENSG00000272770	5.13E-15	-2.63127	1	1 RP11-74E22.5	--
ENSG00000272774	5.13E-15	-2.63127	1	1 RP11-433A10.3	--
ENSG00000272780	5.13E-15	-2.63127	1	1 RP11-822E23.8	--
ENSG00000272781	5.13E-15	-2.63127	1	1 MDGA2	--
ENSG00000272783	5.13E-15	-2.63127	1	1 RP13-1016M1.2	--
ENSG00000272789	5.13E-15	-2.63127	1	1 RP11-286H15.1	--
ENSG00000272790	5.13E-15	-2.63127	1	1 AP002884.3	K10252
ENSG00000272795	5.13E-15	-2.63127	1	1 RP11-602N24.3	--
ENSG00000272796	5.13E-15	-2.63127	1	1 RP1-74M1.3	--
ENSG00000272797	5.13E-15	-2.63127	1	1 RP11-368I23.3	--
ENSG00000272798	5.13E-15	-2.63127	1	1 CTA-390C10.9	--
ENSG00000272801	5.13E-15	-2.63127	1	1 RP1-170O19.23	--
ENSG00000272814	5.13E-15	-2.63127	1	1 RP11-15I20.1	--
ENSG00000272815	5.13E-15	-2.63127	1	1 RP11-219A15.4	--
ENSG00000272823	5.13E-15	-2.63127	1	1 RP11-295M18.6	--
ENSG00000272824	5.13E-15	-2.63127	1	1 RP6-74O6.6	--
ENSG00000272837	5.13E-15	-2.63127	1	1 OR10AE3P	--
ENSG00000272839	5.13E-15	-2.63127	1	1 RP11-452C13.1	--
ENSG00000272840	5.13E-15	-2.63127	1	1 RP11-379B18.6	--
ENSG00000272843	5.13E-15	-2.63127	1	1 RP11-313P13.5	--
ENSG00000272846	5.13E-15	-2.63127	1	1 RP11-701H24.10	--
ENSG00000272848	5.13E-15	-2.63127	1	1 RP1-137D17.2	--
ENSG00000272851	5.13E-15	-2.63127	1	1 RP11-801F7.1	--
ENSG00000272855	5.13E-15	-2.63127	1	1 RP5-1102E8.3	--
ENSG00000272865	5.13E-15	-2.63127	1	1 RP11-561I11.4	--

ENSG00000272866	5.13E-15	-2.63127	1	1 RP11-12D24.10	--
ENSG00000272871	5.13E-15	-2.63127	1	1 RP11-408A13.4	--
ENSG00000272874	5.13E-15	-2.63127	1	1 RP5-1103G7.10	--
ENSG00000272880	5.13E-15	-2.63127	1	1 RP11-33M22.2	--
ENSG00000272882	5.13E-15	-2.63127	1	1 OR2BH1P	--
ENSG00000272885	5.13E-15	-2.63127	1	1 RP11-2H3.6	--
ENSG00000272887	5.13E-15	-2.63127	1	1 CSPG4P5	K08115
ENSG00000272897	5.13E-15	-2.63127	1	1 RP1-309K20.6	K04487
ENSG00000272900	5.13E-15	-2.63127	1	1 OR10Q2P	K04257
ENSG00000272904	5.13E-15	-2.63127	1	1 RP11-392E22.11	--
ENSG00000272908	5.13E-15	-2.63127	1	1 RP11-121A8.1	--
ENSG00000272911	5.13E-15	-2.63127	1	1 RP11-74E22.6	--
ENSG00000272912	5.13E-15	-2.63127	1	1 RP11-724N1.1	--
ENSG00000272913	5.13E-15	-2.63127	1	1 RP11-440D17.3	--
ENSG00000272917	5.13E-15	-2.63127	1	1 RP11-705C15.5	--
ENSG00000272920	5.13E-15	-2.63127	1	1 hsa-mir-1253	--
ENSG00000272923	5.13E-15	-2.63127	1	1 RP11-391L3.1	--
ENSG00000272927	5.13E-15	-2.63127	1	1 RP11-1191J2.5	--
ENSG00000272934	5.13E-15	-2.63127	1	1 RP11-392E22.10	--
ENSG00000272936	5.13E-15	-2.63127	1	1 RP11-700J17.2	--
ENSG00000272937	5.13E-15	-2.63127	1	1 OR6U2P	K04257
ENSG00000272942	5.13E-15	-2.63127	1	1 CTA-246H3.12	--
ENSG00000272944	5.13E-15	-2.63127	1	1 CTD-2308L22.1	--
ENSG00000272958	5.13E-15	-2.63127	1	1 CMP21-97G8.2	--
ENSG00000272962	5.13E-15	-2.63127	1	1 SLC5A3	K14383
ENSG00000272966	5.13E-15	-2.63127	1	1 RP11-686O6.1	--
ENSG00000272967	5.13E-15	-2.63127	1	1 RP11-190C22.9	--
ENSG00000272969	5.13E-15	-2.63127	1	1 RP11-528I4.2	--
ENSG00000272971	5.13E-15	-2.63127	1	1 RP11-284F21.11	--
ENSG00000272980	5.13E-15	-2.63127	1	1 RP11-517H2.6	--
ENSG00000272981	5.13E-15	-2.63127	1	1 CTD-2234N14.2	--
ENSG00000272982	5.13E-15	-2.63127	1	1 RP5-1180E21.4	--
ENSG00000272984	5.13E-15	-2.63127	1	1 RP11-85E16.1	--
ENSG00000272987	5.13E-15	-2.63127	1	1 OR5AL1	K04257
ENSG00000272988	5.13E-15	-2.63127	1	1 RP11-150D20.5	--
ENSG00000272989	5.13E-15	-2.63127	1	1 RP13-616I3.1	--
ENSG00000272991	5.13E-15	-2.63127	1	1 AF129408.17	--
ENSG00000272992	5.13E-15	-2.63127	1	1 RP11-809C18.4	--
ENSG00000272993	5.13E-15	-2.63127	1	1 RP11-196G18.24	--
ENSG00000272995	5.13E-15	-2.63127	1	1 RP11-362J17.1	--
ENSG00000273011	5.13E-15	-2.63127	1	1 RP11-728K20.3	--
ENSG00000273012	5.13E-15	-2.63127	1	1 RP11-90B22.1	--
ENSG00000273025	5.13E-15	-2.63127	1	1 CELF6	K13207
ENSG00000273036	5.13E-15	-2.63127	1	1 RP11-392E22.12	--
ENSG00000273047	5.13E-15	-2.63127	1	1 RP4-583P15.14	--
ENSG00000273048	5.13E-15	-2.63127	1	1 MIR4720	--
ENSG00000273049	5.13E-15	-2.63127	1	1 RP11-834C11.12	K09305
ENSG00000273051	5.13E-15	-2.63127	1	1 OR51F4P	K04257
ENSG00000273059	5.13E-15	-2.63127	1	1 XXYac-YX155B6.7	--
ENSG00000273065	5.13E-15	-2.63127	1	1 RP11-58E21.5	--
ENSG00000273068	5.13E-15	-2.63127	1	1 CTA-714B7.7	--
ENSG00000273069	5.13E-15	-2.63127	1	1 RP5-1186P10.2	--
ENSG00000273071	5.13E-15	-2.63127	1	1 RP11-337C18.10	--
ENSG00000273077	5.13E-15	-2.63127	1	1 RP11-130C6.1	--
ENSG00000273079	5.13E-15	-2.63127	1	1 GRIN2B	K05210
ENSG00000273082	5.13E-15	-2.63127	1	1 LL22NC03-32F9.1	--
ENSG00000273084	5.13E-15	-2.63127	1	1 RP11-1275H24.3	--
ENSG00000273085	5.13E-15	-2.63127	1	1 OR52E1	K04257

ENSG00000273087	5.13E-15	-2.63127	1	1 RP11-566J3.4	—
ENSG00000273088	5.13E-15	-2.63127	1	1 RP11-201K10.3	K06568
ENSG00000273098	5.13E-15	-2.63127	1	1 RP11-488L1.1	—
ENSG00000273100	5.13E-15	-2.63127	1	1 RP11-302L19.3	—
ENSG00000273104	5.13E-15	-2.63127	1	1 CMP21-97G8.1	—
ENSG00000273106	5.13E-15	-2.63127	1	1 RP11-559M23.1	—
ENSG00000273110	5.13E-15	-2.63127	1	1 RP11-350G8.9	—
ENSG00000273112	5.13E-15	-2.63127	1	1 RP11-25K21.6	—
ENSG00000273115	5.13E-15	-2.63127	1	1 KB-1466C5.1	—
ENSG00000273118	5.13E-15	-2.63127	1	1 AC079610.1	—
ENSG00000273119	5.13E-15	-2.63127	1	1 RP11-128P17.4	—
ENSG00000273123	5.13E-15	-2.63127	1	1 RP11-9N20.3	—
ENSG00000273124	5.13E-15	-2.63127	1	1 RP11-236B18.5	—
ENSG00000273132	5.13E-15	-2.63127	1	1 RP11-350J20.12	—
ENSG00000273133	5.13E-15	-2.63127	1	1 RP11-799M12.2	—
ENSG00000273138	5.13E-15	-2.63127	1	1 GS1-293C5.1	—
ENSG00000273141	5.13E-15	-2.63127	1	1 RP11-820I16.4	—
ENSG00000273149	5.13E-15	-2.63127	1	1 RP11-290D2.6	—
ENSG00000273153	5.13E-15	-2.63127	1	1 RP11-406H21.2	—
ENSG00000273155	5.13E-15	-2.63127	1	1 MRPL30	K02907
ENSG00000273160	5.13E-15	-2.63127	1	1 RP11-104L21.3	—
ENSG00000273164	5.13E-15	-2.63127	1	1 DGCR10	—
ENSG00000273165	5.13E-15	-2.63127	1	1 RP11-1057B6.1	—
ENSG00000273167	5.13E-15	-2.63127	1	1 RP11-307N16.6	K05769
ENSG00000273170	5.13E-15	-2.63127	1	1 ANKRD18A	K17299
ENSG00000273171	5.13E-15	-2.63127	1	1 CTB-96E2.2	K06251
ENSG00000273172	5.13E-15	-2.63127	1	1 AC108004.2	—
ENSG00000273173	5.13E-15	-2.63127	1	1 SNURF	K11100
ENSG00000273174	5.13E-15	-2.63127	1	1 RP11-434H6.6	—
ENSG00000273175	5.13E-15	-2.63127	1	1 RP11-11N7.4	—
ENSG00000273177	5.13E-15	-2.63127	1	1 RP11-368I23.4	—
ENSG00000273179	5.13E-15	-2.63127	1	1 RP11-20I20.4	—
ENSG00000273180	5.13E-15	-2.63127	1	1 RP11-335L23.4	—
ENSG00000273181	5.13E-15	-2.63127	1	1 RP11-778D9.13	—
ENSG00000273185	5.13E-15	-2.63127	1	1 RP11-98C1.1	—
ENSG00000273189	5.13E-15	-2.63127	1	1 CTD-3148I10.15	—
ENSG00000273193	5.13E-15	-2.63127	1	1 RP11-523G9.3	—
ENSG00000273198	5.13E-15	-2.63127	1	1 GS1-304P7.3	—
ENSG00000273199	5.13E-15	-2.63127	1	1 AP000692.10	—
ENSG00000273204	5.13E-15	-2.63127	1	1 RP4-549L20.3	—
ENSG00000273209	5.13E-15	-2.63127	1	1 RP11-107N15.1	—
ENSG00000273211	5.13E-15	-2.63127	1	1 RP13-131K19.7	—
ENSG00000273213	5.13E-15	-2.63127	1	1 RP5-998N21.10	—
ENSG00000273214	5.13E-15	-2.63127	1	1 RP5-1039K5.18	—
ENSG00000273217	5.13E-15	-2.63127	1	1 CTC-432M15.3	K08020
ENSG00000273219	5.13E-15	-2.63127	1	1 RP11-644N4.1	—
ENSG00000273221	5.13E-15	-2.63127	1	1 RP5-1180E21.5	—
ENSG00000273228	5.13E-15	-2.63127	1	1 OR5BQ1P	—
ENSG00000273232	5.13E-15	-2.63127	1	1 RP11-370A5.2	—
ENSG00000273233	5.13E-15	-2.63127	1	1 RP11-713D19.1	—
ENSG00000273234	5.13E-15	-2.63127	1	1 OR2A13P	K04257
ENSG00000273238	5.13E-15	-2.63127	1	1 RP11-1263C18.1	—
ENSG00000273244	5.13E-15	-2.63127	1	1 KB-7G2.8	—
ENSG00000273248	5.13E-15	-2.63127	1	1 RP11-399K21.13	—
ENSG00000273252	5.13E-15	-2.63127	1	1 OR7E39P	K04257
ENSG00000273255	5.13E-15	-2.63127	1	1 OR5BP1P	—
ENSG00000273258	5.13E-15	-2.63127	1	1 RP11-394I13.3	—
ENSG00000273259	5.13E-15	-2.63127	1	1 RP11-986E7.7	K04525

ENSG00000273262	5.13E-15	-2.63127	1	1 RP11-18I14.11	—
ENSG00000273266	5.13E-15	-2.63127	1	1 HOXC4	K09304
ENSG00000273267	5.13E-15	-2.63127	1	1 RP11-338K13.1	—
ENSG00000273269	5.13E-15	-2.63127	1	1 RP11-761B3.1	K02183
ENSG00000273274	5.13E-15	-2.63127	1	1 ZBTB8B	K10495
ENSG00000273275	5.13E-15	-2.63127	1	1 RP11-474G23.2	—
ENSG00000273283	5.13E-15	-2.63127	1	1 RP5-1013A22.5	—
ENSG00000273288	5.13E-15	-2.63127	1	1 AC108004.5	—
ENSG00000273291	5.13E-15	-2.63127	1	1 KRBOX1	K09228
ENSG00000273294	5.13E-15	-2.63127	1	1 RP11-1084J3.4	K01796
ENSG00000273295	5.13E-15	-2.63127	1	1 AP000350.5	—
ENSG00000273299	5.13E-15	-2.63127	1	1 CTB-13L3.1	—
ENSG00000273300	5.13E-15	-2.63127	1	1 AC000068.9	—
ENSG00000273302	5.13E-15	-2.63127	1	1 RP11-493E12.2	—
ENSG00000273303	5.13E-15	-2.63127	1	1 RP11-944L7.5	K09229
ENSG00000273305	5.13E-15	-2.63127	1	1 RP11-440D17.4	—
ENSG00000273307	5.13E-15	-2.63127	1	1 RP11-58E21.7	—
ENSG00000273312	5.13E-15	-2.63127	1	1 RP11-425A6.5	—
ENSG00000273318	5.13E-15	-2.63127	1	1 AC018755.2	—
ENSG00000273319	5.13E-15	-2.63127	1	1 RP11-138A9.2	—
ENSG00000273325	5.13E-15	-2.63127	1	1 RP1-90G24.11	—
ENSG00000273327	5.13E-15	-2.63127	1	1 OR6L2P	K04257
ENSG00000273330	5.13E-15	-2.63127	1	1 CYP4F36P	K17729
ENSG00000273333	5.13E-15	-2.63127	1	1 XXbac-BPG300A18	—
ENSG00000273335	5.13E-15	-2.63127	1	1 RP11-61L19.2	—
ENSG00000273336	5.13E-15	-2.63127	1	1 OR7M1P	—
ENSG00000273340	5.13E-15	-2.63127	1	1 MICE	K07985
ENSG00000273341	5.13E-15	-2.63127	1	1 RP5-899E9.1	—
ENSG00000273342	5.13E-15	-2.63127	1	1 KB-1440D3.14	—
ENSG00000273345	5.13E-15	-2.63127	1	1 CTD-2410N18.4	—
ENSG00000273360	5.13E-15	-2.63127	1	1 RP11-210G22.1	—
ENSG00000273362	5.13E-15	-2.63127	1	1 KB-67B5.17	—
ENSG00000273363	5.13E-15	-2.63127	1	1 RP11-285G1.14	—
ENSG00000273365	5.13E-15	-2.63127	1	1 RP11-466F5.10	—
ENSG00000273370	5.13E-15	-2.63127	1	1 RP11-268E23.2	—
ENSG00000273372	5.13E-15	-2.63127	1	1 RP11-479O17.10	—
ENSG00000273375	5.13E-15	-2.63127	1	1 RP11-803P9.1	—
ENSG00000273377	5.13E-15	-2.63127	1	1 OR2Q1P	K04257
ENSG00000273388	5.13E-15	-2.63127	1	1 RP11-401O9.4	—
ENSG00000273395	5.13E-15	-2.63127	1	1 FLJ00388	—
ENSG00000273399	5.13E-15	-2.63127	1	1 RP11-408A13.3	—
ENSG00000273406	5.13E-15	-2.63127	1	1 RP11-114O18.1	—
ENSG00000273407	5.13E-15	-2.63127	1	1 RP11-757A13.1	—
ENSG00000273408	5.13E-15	-2.63127	1	1 OR5B15P	K04257
ENSG00000273409	5.13E-15	-2.63127	1	1 RP11-480C22.1	—
ENSG00000273413	5.13E-15	-2.63127	1	1 RP11-96C23.15	—
ENSG00000273415	5.13E-15	-2.63127	1	1 RP11-702B10.2	—
ENSG00000273420	5.13E-15	-2.63127	1	1 CTD-2540B15.13	—
ENSG00000273423	5.13E-15	-2.63127	1	1 OR13I1P	K04257
ENSG00000273433	5.13E-15	-2.63127	1	1 RP1-170O19.22	—
ENSG00000273434	5.13E-15	-2.63127	1	1 OR8S21P	—
ENSG00000273439	5.13E-15	-2.63127	1	1 ZNF8	K09228
ENSG00000273447	5.13E-15	-2.63127	1	1 AC004067.5	—
ENSG00000273451	5.13E-15	-2.63127	1	1 RP4-569M23.4	—
ENSG00000273452	5.13E-15	-2.63127	1	1 AC005358.1	—
ENSG00000273455	5.13E-15	-2.63127	1	1 RP11-305O4.3	—
ENSG00000273461	5.13E-15	-2.63127	1	1 RP11-398A8.4	—
ENSG00000273463	5.13E-15	-2.63127	1	1 AL138834.1	K04257

ENSG00000273471	5.13E-15	-2.63127	1	1 RP13-1039J1.4	_
ENSG00000273473	5.13E-15	-2.63127	1	1 LL09NC01-139C3.1	_
ENSG00000273474	5.13E-15	-2.63127	1	1 RP11-295P9.12	_
ENSG00000273477	5.13E-15	-2.63127	1	1 RP11-196O16.1	_
ENSG00000273481	5.13E-15	-2.63127	1	1 RP11-126K1.9	_
ENSG00000273484	5.13E-15	-2.63127	1	1 OR6R2P	K04257
ENSG00000273487	5.13E-15	-2.63127	1	1 RP4-621B10.8	_