P5 and P7 indexing primers. An identical set of P7 indexing primers was published before in ref. 21 of the main text.

Name	Sequence (5'-3')	Index as sequenced (5'-3')
P5 indexing primers		
P5_1	AATGATACGGCGACCACCGAGATCTACACcctgcgaACACTCTTTCCCTACACGACGCTCTT	TCGCAGG
P5_2	AATGATACGGCGACCACCGAGATCTACACtgcagagACACTCTTTCCCTACACGACGCTCTT	CTCTGCA
P5_3	AATGATACGGCGACCACCGAGATCTACACacctaggACACTCTTTCCCTACACGACGCTCTT	CCTAGGT
P5_4	AATGATACGGCGACCACCGAGATCTACACttgatccACACTCTTTCCCTACACGACGCTCTT	GGATCAA
P5_5	AATGATACGGCGACCACCGAGATCTACACatcttgcACACTCTTTCCCTACACGACGCTCTT	GCAAGAT
P5_6	AATGATACGGCGACCACCGAGATCTACACtctccatACACTCTTTCCCTACACGACGCTCTT	ATGGAGA
P5_7	AATGATACGGCGACCACCGAGATCTACACcatcgagACACTCTTTCCCTACACGACGCTCTT	CTCGATG
P5_8	AATGATACGGCGACCACCGAGATCTACACttcgagcACACTCTTTCCCTACACGACGCTCTT	GCTCGAA
P5_9	AATGATACGGCGACCACCGAGATCTACACagttggtACACTCTTTCCCTACACGACGCTCTT	ACCAACT
P5_10	AATGATACGGCGACCACCGAGATCTACACgtaccggACACTCTTTCCCTACACGACGCTCTT	CCGGTAC
P5_11	AATGATACGGCGACCACCGAGATCTACACcggagttACACTCTTTCCCTACACGACGCTCTT	AACTCCG
P5_12	AATGATACGGCGACCACCGAGATCTACACacttcaaACACTCTTTCCCTACACGACGCTCTT	TTGAAGT
P5_13	AATGATACGGCGACCACCGAGATCTACACtgatagtACACTCTTTCCCTACACGACGCTCTT	ACTATCA
P5_14	AATGATACGGCGACCACCGAGATCTACACgatccaaACACTCTTTCCCTACACGACGCTCTT	TTGGATC
P5_15	AATGATACGGCGACCACCGAGATCTACACcaggtcgACACTCTTTCCCTACACGACGCTCTT	CGACCTG
P5_16	AATGATACGGCGACCACCGAGATCTACACcgcattaACACTCTTTCCCTACACGACGCTCTT	TAATGCG
P5_17	AATGATACGGCGACCACCGAGATCTACACggtacctACACTCTTTCCCTACACGACGCTCTT	AGGTACC
P5_18	AATGATACGGCGACCACCGAGATCTACACggacgcaACACTCTTTCCCTACACGACGCTCTT	TGCGTCC
P5_19	AATGATACGGCGACCACCGAGATCTACACgagattcACACTCTTTCCCTACACGACGCTCTT	GAATCTC
P5_20	AATGATACGGCGACCACCGAGATCTACACgagcatgACACTCTTTCCCTACACGACGCTCTT	CATGCTC
P5_21	AATGATACGGCGACCACCGAGATCTACACgttgcgtACACTCTTTCCCTACACGACGCTCTT	ACGCAAC
P5_22	AATGATACGGCGACCACCGAGATCTACACccaatgcACACTCTTTCCCTACACGACGCTCTT	GCATTGG
P5_23	AATGATACGGCGACCACCGAGATCTACACcgagatcACACTCTTTCCCTACACGACGCTCTT	GATCTCG
P5_24	AATGATACGGCGACCACCGAGATCTACACcatattgACACTCTTTCCCTACACGACGCTCTT	CAATATG
P5_25	AATGATACGGCGACCACCGAGATCTACACgacgtcaACACTCTTTCCCTACACGACGCTCTT	TGACGTC
P5_26	AATGATACGGCGACCACCGAGATCTACACtggcatcACACTCTTTCCCTACACGACGCTCTT	GATGCCA
P5_27	AATGATACGGCGACCACCGAGATCTACACgtaattgACACTCTTTCCCTACACGACGCTCTT	CAATTAC
P5_28	AATGATACGGCGACCACCGAGATCTACACcctatctACACTCTTTCCCTACACGACGCTCTT	AGATAGG
P5_29	AATGATACGGCGACCACCGAGATCTACACcaatcggACACTCTTTCCCTACACGACGCTCTT	CCGATTG
P5_30	AATGATACGGCGACCACCGAGATCTACACgcggcatACACTCTTTCCCTACACGACGCTCTT	ATGCCGC
P5_31	AATGATACGGCGACCACCGAGATCTACACagtactgACACTCTTTCCCTACACGACGCTCTT	CAGTACT
P5_32	AATGATACGGCGACCACCGAGATCTACACtactattACACTCTTTCCCTACACGACGCTCTT	AATAGTA
P5_33	AATGATACGGCGACCACCGAGATCTACACccggatgACACTCTTTCCCTACACGACGCTCTT	CATCCGG
P5_34	AATGATACGGCGACCACCGAGATCTACACaccatgaACACTCTTTCCCTACACGACGCTCTT	TCATGGT
P5_35	AATGATACGGCGACCACCGAGATCTACACcggttctACACTCTTTCCCTACACGACGCTCTT	AGAACCG
P5_36	AATGATACGGCGACCACCGAGATCTACACtattccaACACTCTTTCCCTACACGACGCTCTT	TGGAATA
P5_37	AATGATACGGCGACCACCGAGATCTACACcctcctgACACTCTTTCCCTACACGACGCTCTT	CAGGAGG
P5_38	AATGATACGGCGACCACCGAGATCTACACaggtattACACTCTTTCCCTACACGACGCTCTT	AATACCT
P5_39	AATGATACGGCGACCACCGAGATCTACACgcattcgACACTCTTTCCCTACACGACGCTCTT	CGAATGC
P5_40	AATGATACGGCGACCACCGAGATCTACACttgcgaaACACTCTTTCCCTACACGACGCTCTT	TTCGCAA
P5_41	AATGATACGGCGACCACCGAGATCTACACttgaattACACTCTTTCCCTACACGACGCTCTT	AATTCAA
P5_42	AATGATACGGCGACCACCGAGATCTACACctgcgcgACACTCTTTCCCTACACGACGCTCTT	CGCGCAG
P5_43	AATGATACGGCGACCACCGAGATCTACACagaccttACACTCTTTCCCTACACGACGCTCTT	AAGGTCT
P5_44	AATGATACGGCGACCACCGAGATCTACACgtccagtACACTCTTTCCCTACACGACGCTCTT	ACTGGAC
P5_45	AATGATACGGCGACCACCGAGATCTACACacctgctACACTCTTTCCCTACACGACGCTCTT	AGCAGGT
P5_46	AATGATACGGCGACCACCGAGATCTACACccggtacACACTCTTTCCCTACACGACGCTCTT	GTACCGG
P5_47	AATGATACGGCGACCACCGAGATCTACACcttgaccACACTCTTTCCCTACACGACGCTCTT	GGTCAAG
P5_48	AATGATACGGCGACCACCGAGATCTACACcatcattACACTCTTTCCCTACACGACGCTCTT	AATGATG
P5_49	AATGATACGGCGACCACCGAGATCTACACtctgactACACTCTTTCCCTACACGACGCTCTT	AGTCAGA
P5_50	AATGATACGGCGACCACCGAGATCTACACtctagttACACTCTTTCCCTACACGACGCTCTT	AACTAGA
P5_51	AATGATACGGCGACCACCGAGATCTACACgccatagACACTCTTTCCCTACACGACGCTCTT	CTATGGC
P5_52	AATGATACGGCGACCACCGAGATCTACACaccgtcgACACTCTTTCCCTACACGACGCTCTT	CGACGGT
P5_53	AATGATACGGCGACCACCGAGATCTACACcttggttACACTCTTTCCCTACACGACGCTCTT	AACCAAG
P5_54	AATGATACGGCGACCACCGAGATCTACACtacgccgACACTCTTTCCCTACACGACGCTCTT	CGGCGTA
P5_55	AATGATACGGCGACCACCGAGATCTACACggactgcACACTCTTTCCCTACACGACGCTCTT	GCAGTCC

P5_56	AATGATACGGCGACCACCGAGATCTACACgcgcgagACACTCTTTCCCTACACGACGCTCTT	CTCGCGC
P5_57	AATGATACGGCGACCACCGAGATCTACACgtcgcagACACTCTTTCCCTACACGACGCTCTT	CTGCGAC
P5_58	AATGATACGGCGACCACCGAGATCTACACcatacgtACACTCTTTCCCTACACGACGCTCTT	ACGTATG
P5_59	AATGATACGGCGACCACCGAGATCTACACtcagtatACACTCTTTCCCTACACGACGCTCTT	ATACTGA
P5_60	AATGATACGGCGACCACCGAGATCTACACctaagtaACACTCTTTCCCTACACGACGCTCTT	TACTTAG
P5_61	AATGATACGGCGACCACCGAGATCTACACttagcttACACTCTTTCCCTACACGACGCTCTT	AAGCTAA
P5_62	AATGATACGGCGACCACCGAGATCTACACcgccgtcACACTCTTTCCCTACACGACGCTCTT	GACGGCG
P5_63	AATGATACGGCGACCACCGAGATCTACACgtcttctACACTCTTTCCCTACACGACGCTCTT	AGAAGAC
P5_64	AATGATACGGCGACCACCGAGATCTACACgccggacACACTCTTTCCCTACACGACGCTCTT	GTCCGGC
P5_65	AATGATACGGCGACCACCGAGATCTACACaagctgaACACTCTTTCCCTACACGACGCTCTT	TCAGCTT
P5_66	AATGATACGGCGACCACCGAGATCTACACgcgctctACACTCTTTCCCTACACGACGCTCTT	AGAGCGC
P5_67	AATGATACGGCGACCACCGAGATCTACACcgtaggcACACTCTTTCCCTACACGACGCTCTT	GCCTACG
P5_68	AATGATACGGCGACCACCGAGATCTACACatgattaACACTCTTTCCCTACACGACGCTCTT	TAATCAT
P5_69	AATGATACGGCGACCACCGAGATCTACACgcaggttACACTCTTTCCCTACACGACGCTCTT	AACCTGC
P5_70	AATGATACGGCGACCACCGAGATCTACACaatcgtcACACTCTTTCCCTACACGACGCTCTT	GACGATT
P5_71	AATGATACGGCGACCACCGAGATCTACACcggcctaACACTCTTTCCCTACACGACGCTCTT	TAGGCCG
P5_72	AATGATACGGCGACCACCGAGATCTACACctatgccACACTCTTTCCCTACACGACGCTCTT	GGCATAG
P5_73	AATGATACGGCGACCACCGAGATCTACACggttgaaACACTCTTTCCCTACACGACGCTCTT	TTCAACC
P5_74	AATGATACGGCGACCACCGAGATCTACACgagttaaACACTCTTTCCCTACACGACGCTCTT	TTAACTC
P5_75	AATGATACGGCGACCACCGAGATCTACACtagactaACACTCTTTCCCTACACGACGCTCTT	TAGTCTA
P5_76	AATGATACGGCGACCACCGAGATCTACACtcatgcaACACTCTTTCCCTACACGACGCTCTT	TGCATGA
P5_77	AATGATACGGCGACCACCGAGATCTACACgcttattACACTCTTTCCCTACACGACGCTCTT	AATAAGC
P5_78	AATGATACGGCGACCACCGAGATCTACACcaaggctACACTCTTTCCCTACACGACGCTCTT	AGCCTTG
P5_79	AATGATACGGCGACCACCGAGATCTACACaggttggACACTCTTTCCCTACACGACGCTCTT	CCAACCT
P5_80	AATGATACGGCGACCACCGAGATCTACACcttctgcACACTCTTTCCCTACACGACGCTCTT	GCAGAAG
P5_81	AATGATACGGCGACCACCGAGATCTACACtaattctACACTCTTTCCCTACACGACGCTCTT	AGAATTA
P5_82	AATGATACGGCGACCACCGAGATCTACACgatgctgACACTCTTTCCCTACACGACGCTCTT	CAGCATC
P5_83	AATGATACGGCGACCACCGAGATCTACACcctagaaACACTCTTTCCCTACACGACGCTCTT	TTCTAGG
P5_84	AATGATACGGCGACCACCGAGATCTACACctagaggACACTCTTTCCCTACACGACGCTCTT	CCTCTAG
P5_85	AATGATACGGCGACCACCGAGATCTACACtatccggACACTCTTTCCCTACACGACGCTCTT	CCGGATA
P5_86	AATGATACGGCGACCACCGAGATCTACACaggcggcACACTCTTTCCCTACACGACGCTCTT	GCCGCCT
P5_87	AATGATACGGCGACCACCGAGATCTACACggtcgttACACTCTTTCCCTACACGACGCTCTT	AACGACC
P5_88	AATGATACGGCGACCACCGAGATCTACACccgctggACACTCTTTCCCTACACGACGCTCTT	CCAGCGG
P5_89	AATGATACGGCGACCACCGAGATCTACACggaactaACACTCTTTCCCTACACGACGCTCTT	TAGTTCC
P5_90	AATGATACGGCGACCACCGAGATCTACACattgccaACACTCTTTCCCTACACGACGCTCTT	TGGCAAT
P5_91	AATGATACGGCGACCACCGAGATCTACACatatacgACACTCTTTCCCTACACGACGCTCTT	CGTATAT
P5_92	AATGATACGGCGACCACCGAGATCTACACgattagcACACTCTTTCCCTACACGACGCTCTT	GCTAATC
P5_93	AATGATACGGCGACCACCGAGATCTACACagaagtcACACTCTTTCCCTACACGACGCTCTT	GACTTCT
P5_94	AATGATACGGCGACCACCGAGATCTACACatagtacACACTCTTTCCCTACACGACGCTCTT	GTACTAT
P5_95	AATGATACGGCGACCACCGAGATCTACACgatctcgACACTCTTTCCCTACACGACGCTCTT	CGAGATC
P5_96	AATGATACGGCGACCACCGAGATCTACACggctgcgACACTCTTTCCCTACACGACGCTCTT	CGCAGCC

P7 indexing primers		
P7_1	CAAGCAGAAGACGGCATACGAGATcctgcgaGTGACTGGAGTTCAGACGTGT	TCGCAGG
P7_2	CAAGCAGAAGACGGCATACGAGATtgcagagGTGACTGGAGTTCAGACGTGT	CTCTGCA
P7_3	CAAGCAGAAGACGGCATACGAGATacctaggGTGACTGGAGTTCAGACGTGT	CCTAGGT
P7_4	CAAGCAGAAGACGGCATACGAGATttgatccGTGACTGGAGTTCAGACGTGT	GGATCAA
P7_5	CAAGCAGAAGACGGCATACGAGATatcttgcGTGACTGGAGTTCAGACGTGT	GCAAGAT
P7_6	CAAGCAGAAGACGGCATACGAGATtctccatGTGACTGGAGTTCAGACGTGT	ATGGAGA
P7_7	CAAGCAGAAGACGGCATACGAGATcatcgagGTGACTGGAGTTCAGACGTGT	CTCGATG
P7_8	CAAGCAGAAGACGGCATACGAGATttcgagcGTGACTGGAGTTCAGACGTGT	GCTCGAA
P7_9	CAAGCAGAAGACGGCATACGAGATagttggtGTGACTGGAGTTCAGACGTGT	ACCAACT
P7_10	CAAGCAGAAGACGGCATACGAGATgtaccggGTGACTGGAGTTCAGACGTGT	CCGGTAC
P7_11	CAAGCAGAAGACGGCATACGAGATcggagttGTGACTGGAGTTCAGACGTGT	AACTCCG
P7_12	CAAGCAGAAGACGGCATACGAGATacttcaaGTGACTGGAGTTCAGACGTGT	TTGAAGT
P7_13	CAAGCAGAAGACGGCATACGAGATtgatagtGTGACTGGAGTTCAGACGTGT	ACTATCA
P7_14	CAAGCAGAAGACGGCATACGAGATgatccaaGTGACTGGAGTTCAGACGTGT	TTGGATC
P7_15	CAAGCAGAAGACGGCATACGAGATcaggtcgGTGACTGGAGTTCAGACGTGT	CGACCTG
P7_16	CAAGCAGAAGACGGCATACGAGATcgcattaGTGACTGGAGTTCAGACGTGT	TAATGCG
P7_17	CAAGCAGAAGACGGCATACGAGATggtacctGTGACTGGAGTTCAGACGTGT	AGGTACC
P7_18	CAAGCAGAAGACGGCATACGAGATggacgcaGTGACTGGAGTTCAGACGTGT	TGCGTCC
P7_19	CAAGCAGAAGACGGCATACGAGATgagattcGTGACTGGAGTTCAGACGTGT	GAATCTC

P7_20	CAAGCAGAAGACGGCATACGAGATgagcatgGTGACTGGAGTTCAGACGTGT	CATGCTC
P7_21	CAAGCAGAAGACGGCATACGAGATgttgcgtGTGACTGGAGTTCAGACGTGT	ACGCAAC
P7_22	CAAGCAGAAGACGGCATACGAGATccaatgcGTGACTGGAGTTCAGACGTGT	GCATTGG
P7_23	CAAGCAGAAGACGGCATACGAGATcgagatcGTGACTGGAGTTCAGACGTGT	GATCTCG
P7_24	CAAGCAGAAGACGGCATACGAGATcatattgGTGACTGGAGTTCAGACGTGT	CAATATG
P7_25	CAAGCAGAAGACGGCATACGAGATgacgtcaGTGACTGGAGTTCAGACGTGT	TGACGTC
P7_26	CAAGCAGAAGACGGCATACGAGATtggcatcGTGACTGGAGTTCAGACGTGT	GATGCCA
P7_27	CAAGCAGAAGACGGCATACGAGATgtaattgGTGACTGGAGTTCAGACGTGT	CAATTAC
P7_28	CAAGCAGAAGACGGCATACGAGATcctatctGTGACTGGAGTTCAGACGTGT	AGATAGG
P7_29	CAAGCAGAAGACGGCATACGAGATcaatcggGTGACTGGAGTTCAGACGTGT	CCGATTG
P7_30	CAAGCAGAAGACGGCATACGAGATgcggcatGTGACTGGAGTTCAGACGTGT	ATGCCGC
P7_31	CAAGCAGAAGACGGCATACGAGATagtactgGTGACTGGAGTTCAGACGTGT	CAGTACT
P7_32	CAAGCAGAAGACGGCATACGAGATtactattGTGACTGGAGTTCAGACGTGT	AATAGTA
P7_33	CAAGCAGAAGACGGCATACGAGATccggatgGTGACTGGAGTTCAGACGTGT	CATCCGG
P7_34	CAAGCAGAAGACGGCATACGAGATaccatgaGTGACTGGAGTTCAGACGTGT	TCATGGT
P7_35	CAAGCAGAAGACGGCATACGAGATcggttctGTGACTGGAGTTCAGACGTGT	AGAACCG
P7_36	CAAGCAGAAGACGGCATACGAGATtattccaGTGACTGGAGTTCAGACGTGT	TGGAATA
P7_37	CAAGCAGAAGACGGCATACGAGATcctcctgGTGACTGGAGTTCAGACGTGT	CAGGAGG
P7_38	CAAGCAGAAGACGGCATACGAGATaggtattGTGACTGGAGTTCAGACGTGT	AATACCT
P7_39	CAAGCAGAAGACGGCATACGAGATgcattcgGTGACTGGAGTTCAGACGTGT	CGAATGC
P7_40	CAAGCAGAAGACGGCATACGAGATttgcgaaGTGACTGGAGTTCAGACGTGT	TTCGCAA
P7_41	CAAGCAGAAGACGGCATACGAGATttgaattGTGACTGGAGTTCAGACGTGT	AATTCAA
P7_42	CAAGCAGAAGACGGCATACGAGATctgcgcgGTGACTGGAGTTCAGACGTGT	CGCGCAG
P7_43	CAAGCAGAAGACGGCATACGAGATagaccttGTGACTGGAGTTCAGACGTGT	AAGGTCT
P7_44	CAAGCAGAAGACGGCATACGAGATgtccagtGTGACTGGAGTTCAGACGTGT	ACTGGAC
P7_45	CAAGCAGAAGACGGCATACGAGATacctgctGTGACTGGAGTTCAGACGTGT	AGCAGGT
P7_46	CAAGCAGAAGACGGCATACGAGATccggtacGTGACTGGAGTTCAGACGTGT	GTACCGG
P7_47	CAAGCAGAAGACGGCATACGAGATcttgaccGTGACTGGAGTTCAGACGTGT	GGTCAAG
P7_48	CAAGCAGAAGACGGCATACGAGATcatcattGTGACTGGAGTTCAGACGTGT	AATGATG
P7_49	CAAGCAGAAGACGGCATACGAGATtctgactGTGACTGGAGTTCAGACGTGT	AGTCAGA
P7_50	CAAGCAGAAGACGGCATACGAGATtctagttGTGACTGGAGTTCAGACGTGT	AACTAGA
P7_51	CAAGCAGAAGACGGCATACGAGATgccatagGTGACTGGAGTTCAGACGTGT	CTATGGC
P7_52	CAAGCAGAAGACGGCATACGAGATaccgtcgGTGACTGGAGTTCAGACGTGT	CGACGGT
P7_53	CAAGCAGAAGACGGCATACGAGATcttggttGTGACTGGAGTTCAGACGTGT	AACCAAG
P7_54	CAAGCAGAAGACGGCATACGAGATtacgccgGTGACTGGAGTTCAGACGTGT	CGGCGTA
P7_55	CAAGCAGAAGACGGCATACGAGATggactgcGTGACTGGAGTTCAGACGTGT	GCAGTCC
P7_56	CAAGCAGAAGACGGCATACGAGATgcgcgagGTGACTGGAGTTCAGACGTGT	CTCGCGC
P7_57	CAAGCAGAAGACGGCATACGAGATgtcgcagGTGACTGGAGTTCAGACGTGT	CTGCGAC
P7_58	CAAGCAGAAGACGGCATACGAGATcatacgtGTGACTGGAGTTCAGACGTGT	ACGTATG
P7_59	CAAGCAGAAGACGGCATACGAGATtcagtatGTGACTGGAGTTCAGACGTGT	ATACTGA
P7_60	CAAGCAGAAGACGGCATACGAGATctaagtaGTGACTGGAGTTCAGACGTGT	TACTTAG
P7_61	CAAGCAGAAGACGGCATACGAGATttagcttGTGACTGGAGTTCAGACGTGT	AAGCTAA
P7_62	CAAGCAGAAGACGGCATACGAGATcgccgtcGTGACTGGAGTTCAGACGTGT	GACGGCG
P7_63	CAAGCAGAAGACGGCATACGAGATgtcttctGTGACTGGAGTTCAGACGTGT	AGAAGAC
P7_64	CAAGCAGAAGACGGCATACGAGATgccggacGTGACTGGAGTTCAGACGTGT	GTCCGGC
P7_65	CAAGCAGAAGACGGCATACGAGATaagctgaGTGACTGGAGTTCAGACGTGT	TCAGCTT
P7_66	CAAGCAGAAGACGGCATACGAGATgcgctctGTGACTGGAGTTCAGACGTGT	AGAGCGC
P7_67	CAAGCAGAAGACGGCATACGAGATcgtaggcGTGACTGGAGTTCAGACGTGT	GCCTACG
P7_68	CAAGCAGAAGACGGCATACGAGATatgattaGTGACTGGAGTTCAGACGTGT	TAATCAT
P7_69	CAAGCAGAAGACGGCATACGAGATgcaggttGTGACTGGAGTTCAGACGTGT	AACCTGC
P7_70	CAAGCAGAAGACGGCATACGAGATaatcgtcGTGACTGGAGTTCAGACGTGT	GACGATT
P7_71	CAAGCAGAAGACGGCATACGAGATcggcctaGTGACTGGAGTTCAGACGTGT	TAGGCCG
P7_72	CAAGCAGAAGACGGCATACGAGATctatgccGTGACTGGAGTTCAGACGTGT	GGCATAG
P7_73	CAAGCAGAAGACGGCATACGAGATggttgaaGTGACTGGAGTTCAGACGTGT	TTCAACC
P7_74	CAAGCAGAAGACGGCATACGAGATgagttaaGTGACTGGAGTTCAGACGTGT	TTAACTC
P7_75	CAAGCAGAAGACGGCATACGAGATtagactaGTGACTGGAGTTCAGACGTGT	TAGTCTA
P7_76	CAAGCAGAAGACGGCATACGAGATtcatgcaGTGACTGGAGTTCAGACGTGT	TGCATGA
P7_77	CAAGCAGAAGACGGCATACGAGATgcttattGTGACTGGAGTTCAGACGTGT	AATAAGC
P7_78	CAAGCAGAAGACGGCATACGAGATcaaggctGTGACTGGAGTTCAGACGTGT	AGCCTTG
P7_79	CAAGCAGAAGACGGCATACGAGATaggttggGTGACTGGAGTTCAGACGTGT	CCAACCT
P7_80	CAAGCAGAAGACGGCATACGAGATcttctgcGTGACTGGAGTTCAGACGTGT	GCAGAAG
P7_81	CAAGCAGAAGACGGCATACGAGATtaattctGTGACTGGAGTTCAGACGTGT	AGAATTA

P7_82	CAAGCAGAAGACGGCATACGAGATgatgctgGTGACTGGAGTTCAGACGTGT	CAGCATC
P7_83	CAAGCAGAAGACGGCATACGAGATcctagaaGTGACTGGAGTTCAGACGTGT	TTCTAGG
P7_84	CAAGCAGAAGACGGCATACGAGATctagaggGTGACTGGAGTTCAGACGTGT	CCTCTAG
P7_85	CAAGCAGAAGACGGCATACGAGATtatccggGTGACTGGAGTTCAGACGTGT	CCGGATA
P7_86	CAAGCAGAAGACGGCATACGAGATaggcggcGTGACTGGAGTTCAGACGTGT	GCCGCCT
P7_87	CAAGCAGAAGACGGCATACGAGATggtcgttGTGACTGGAGTTCAGACGTGT	AACGACC
P7_88	CAAGCAGAAGACGGCATACGAGATccgctggGTGACTGGAGTTCAGACGTGT	CCAGCGG
P7_89	CAAGCAGAAGACGGCATACGAGATggaactaGTGACTGGAGTTCAGACGTGT	TAGTTCC
P7_90	CAAGCAGAAGACGGCATACGAGATattgccaGTGACTGGAGTTCAGACGTGT	TGGCAAT
P7_91	CAAGCAGAAGACGGCATACGAGATatatacgGTGACTGGAGTTCAGACGTGT	CGTATAT
P7_92	CAAGCAGAAGACGGCATACGAGATgattagcGTGACTGGAGTTCAGACGTGT	GCTAATC
P7_93	CAAGCAGAAGACGGCATACGAGATagaagtcGTGACTGGAGTTCAGACGTGT	GACTTCT
P7_94	CAAGCAGAAGACGGCATACGAGATatagtacGTGACTGGAGTTCAGACGTGT	GTACTAT
P7_95	CAAGCAGAAGACGGCATACGAGATgatctcgGTGACTGGAGTTCAGACGTGT	CGAGATC
P7_96	CAAGCAGAAGACGGCATACGAGATggctgcgGTGACTGGAGTTCAGACGTGT	CGCAGCC