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CTTTGAAC	8
TTGAAC	6
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GGAGGGCCCTGAAAGCGAGTGGCGGGCCCGGCTGGTTGGCTCTGAGCGCAGTACCGAACGCTACCCCACCCCCCCC	
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	AAAAAC	CAT	 	 	 	 . TT	TTAC	CACG	GTTGA	CCTC	GGAT	CAGG	TAGGA	CTAC	CCGCT	GAACT	TAAG	CATAT	CAAT <i>I</i>	AGCG	GAGGA	AAAGAA	307
CCGCGC																						AAAGAA	360
	CATGA																						664
																						AAAGAA	
	CATGA																				GAGGA	AAAGAA	663
																			ΓCAAT <i>I</i>	AGCG.	GAGGA	AAAGAA	23
			 	 	 	 													CAATA	AGCG.	GAGGA	AAAGAA	20
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			 	 	 	 													CAAT <i>i</i>	AAGCG.	GAGGA	AAAGAA	20
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CCATATCAATAACCC CACCAAAACAA

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425
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                                                                                   <u>CCCCC<mark>T</mark>GGGG<mark>GG</mark>CCCGAGTTGTAATTTGGAGAGGATG</u>
                                                                                                                                  CTTTGGGCGCGG
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ACCAACAGGGATTGCC<mark>T</mark>CAGT
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                                                                                                                                  CTTT<mark>T</mark>GGCGCGG
                                                                                                                                                   772
                                                                                   CCCCC....GGGCCCGAGTTGTAATTTGGAGAGGATG
ACCAACAGGGATTGCCCCAGT
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                                                                                CTCCCCCTGGGGGCCCGAGTTGTAATTTGGAGAGGATG
ACCAACAGGGATTGCCCCAGT
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                                    AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG
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                          AACGGCG
                                                                                                                                  CTTTGGGCGCGG
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                                                                                 Z<mark>T</mark>CCCCCC<mark>T</mark>GGGG<mark>GG</mark>CCCGAGTTGTAATTTGGAGAGGATG
ACCAACAGGGATTGCCCCAGT
                          AACGGCG
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                                                                                                                                  CTTTGGGCGCGG
                                                                                                                                                   134
                                                                                 C<mark>TCCCCCT</mark>GGGG<mark>GG</mark>CCCGAGTTGTA<mark>C</mark>TTTGGAGAGGATG
ACCAACAGGGATTGCCCCAGT
                          AACGGCG
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                                                                                                                                  CTTTGGGCGCGG
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ACCAACAGGGATTGCCCCAGT
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           GATTGCCCCAGT.AACGGCG.AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG...C<mark>T</mark>CCCCCC<mark>T</mark>GGGGC
                                                                                 C<mark>T</mark>CCCCCC<mark>T</mark>GGGG<mark>GGT</mark>CCGAGTTGTAATTTGGAGAGGATG
ACCAACAGGGATTGCCCCAGT.AACGGCG.
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                                                                                                 ..CCCGAGTTGTAATTTGGAGAGGATG
                                                                                                                                  CTTTGGGCGCGG
                                                                                                                                                    56
                                                                                CCCGAGTTGTAATTTGGAGAGGATG
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                                                                                                                                                    43
                                .....AATTTGAAATCTGGCT.CCCCCCTGGGGGGG
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                                                                                                                                  CTTTGGGCGCGG
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CCCGAGTTGTAATTTGGAGAGGATG
                                                                                                                                  CTTTGGGCGCGG
                                                                                                                                                    66
                                                                                                   CCCGAGTTGTAATTTGGAGAGGATG
                                                                                                                                  91
AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG<mark>CT.</mark>CCCCCC<mark>TG</mark>GGGGG
                                                                                                   CCCGAGTTGTAATTTGGAGAGGATG
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                                    AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG<mark>CT.</mark>CCCCCC<mark>TG</mark>GGGGG
                                                                                                   CCCGAGTTGTAATTTGGAGAGGATG
                                                                                                                                  CTTTGGGCGCGG
                                                                                                                                                   102
                                    AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG<mark>CT.</mark>CCCCCC<mark>TG</mark>GGGGG
                                                                                                   CCCGAGTTGTAATTTGGAGAGGATG
                                                                                                                                  CTTTGGGCGCGG
                                                                                                                                                    97
                                    AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG<mark>CT.</mark>CCCCCC<mark>TG</mark>GGGGG
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                                    AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG<mark>CT.</mark>CCCCCC<mark>TG</mark>GGGGG
CCCGAGTTGTAATTTGGAGAGGATG
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AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG<mark>CT.</mark>CCCCCC<mark>TG</mark>GGGGG
                                                                                                   CCCGAGTTGTAATTTGGAGAGGATG
                                                                                                                                  CTTTGGGCGCGG
                                                                                                                                                    99
                                    AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG<mark>CT.</mark>CCCCCC<mark>TG</mark>GGGGG
                                                                                                   CCCGAGTTGTAATTTGGAGAGGATG
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                                                                                                                                                   109
                                    AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG<mark>CT.</mark>CCCCCC<mark>TG</mark>GGGGG
                                                                                                   CCCGAGTTGTAATTTGGAGAGGATG
                                                                                                                                  CTTTGGGCGCGG
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. AACGGCG
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                                                                                                   CCCGAGTTGTAATTTGGAGAGGATG
                                                                                                                                  CTTTGGGCGCGG
                                                                                                                                                   101
AACGGCG
                                    AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG<mark>CT.</mark>CCCCCC<mark>TG</mark>GGGGG
                                                                                                   <u>CCCGAG</u>TTGTAATTTGGAGAGGATG
                                                                                                                                  CTTTGGGCGCGG
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AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG<mark>CT.</mark>CCCCCC<mark>TG</mark>GGGGG
                          AACGGCG
                                                                                                   CCCGAGTTGTAATTTGGAGAGGATG
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AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG<mark>CTC</mark>CCCCCC<mark>TG</mark>GGGGG
                          AACGGCG
                                                                                                   CCCGAGTTGTAATTTGGAGAGGATG
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                                                                                                                                                   103
. . . . . . . . . . . . TGCCCCAGT
                                    AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG<mark>CT.</mark>CCCCCC<mark>TG</mark>GGGGG
                                                                                                                                  CTTTGGGCGCGG
                          AACGGCG
                                                                                                  CCCGAGTTGTAATTTGGAGAGGATG
                                                                                                                                                   102
TGCCCCAGT
                                    AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG<mark>CT.</mark>CCCCCC<mark>TG</mark>GGGGG
                          AACGGCG
                                                                                                   CCCGAGTTGTAATTTGGAGAGGATG
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                                                                                                                                                   102
AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG<mark>CT.</mark>CCCCCC<mark>TG</mark>GGGGG
                          AACGGCG
                                                                                                  CCCGAGTTGTAATTTGGAGAGGATG
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AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG<mark>CT.</mark>CCCCCC<mark>TG</mark>GGGGG
                          AACGGCG
                                                                                                   CCCGAGTTGTAATTTGGAGAGGATG
                                                                                                                                  CTTTGGGCGCGG
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ACCAACAGGGATTGCCCCAGT
                          AACGGCG
                                    AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG<mark>CTC</mark>CCCCC<mark>TG</mark>GGGGG...CCCGAGTTGTAATTTGGAGAGGATG
                                                                                                                                  CTTTGGGCGCGG
                                                                                                                                                   141
                                                                                C<mark>T</mark>CCCC<mark>CC</mark>TGGGG<mark>GGT</mark>CCGAGTTGTAATTTGGAGAGGATG
ACCAACAGGGATTGCCCCAGT.AACGGCG
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                                                                                C<mark>T</mark>CCCCCC<mark>T</mark>GGGG<mark>GGT</mark>CCGAGTTGTAATTTGGAGAGGATG
AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG
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                                                                                CCCTCCCTGGGG<mark>GGC</mark>CCGAGTTGTA<mark>C</mark>TTTGGAGAGGATG
                                                                                                                                  CTTTGGGCGCGG
                                                                                                                                                   140
                                                                                 CCC<mark>T</mark>CCCC<mark>T</mark>GGGG<mark>GG</mark>CCCGAGTTGT<mark>AC</mark>TTTGGAGA<u>GGATG</u>
                          AACGGCG
ACCAACAGGGATTGCCCCAGT
                                    AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG
                                                                                                                                  CTTTGGGCGCGG
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                                                                                 CCC<del>C</del>CCCC<mark>G</del>GGGG<mark>GG</mark>CCCGAGTTGTA<mark>C</mark>TTTGGAGAGGATG</mark>
AACGGCG
                                                                                                                                  CTTTGGGCGCGG
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                                                                                                                                                   102
                                                                                 CCCCCCCGGGGG<mark>GG</mark>CCCGAGTTGTA<mark>C</mark>TTTGGAGAGGATG
. . . . . . . . . . . . TGCCCCAGT
                          AACGGCG
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                                                                                                                                                   102
ACCAACAGGGATTGCC<mark>T</mark>CAGT
                          AACGGCG
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ACCAACAGGGATTGCC<mark>T</mark>CAGT
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                          AACGGCG
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ACC<mark>N</mark>ACAGGGATTGCC<mark>T</mark>CAGT
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ACCAACAGGGATTGCC<mark>T</mark>CAGT
ACCAACAGGGATTGCC<mark>T</mark>CAGT
                          AACGGCG
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                                                                                                 ... CCCGAGTTGTAATTTGGAGAGGATG
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                                                                                                                                                   132
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                          AACGGCG
                                    AGTGAAGCGGCAACAGCTCAAATTTGAAATCTGG
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ACCAACAGGGATTGCC<mark>T</mark>CAGT
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                          AACGGCG
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                                                                                                                                                   134
                                                                                CCCCCTTCGGGAG
\mathtt{ACCAACAGGGATTGCC}\overline{\mathtt{C}}\mathtt{CAGT}
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                                                                                 CTCCCTTCGGGGG
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... CAACAGGGATTGCCTCAGT
                                                                                 CTCCCTTCGGGGG
                          AACGGCG
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                                                                                                                                  CTTTGGGCGCGG
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                                                                                                   CCCGAGTTGTAATTTGGAGAGGATG
                                                                                                                                  CTTTGGGCGCGG
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                                                                                 TCCCTTCGGGGG
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                          AACGGCG
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                                                                                                                                  CTTTGGGCGCGG
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TCCCTTCCCCCC

CCCCACTTCTAATTTCCACACACCATC

 $\mathsf{CTTTCCCCCCCCC}$

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A C C A A C A C C C A T T C C C T C A C T

AACCCCC

 Λ CTC Λ Λ CCCCC Λ Λ C Λ CCTC Λ Λ Λ TTTC Λ Λ Λ TCTCC

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CCTTGGAACAGGACGCCAGAGAGGGTGAGAGCCCCGTACGGT
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CGCCTTCCGAGTTCCTTGGAACAGGACGCCAGAGAGGGTGAGAGCCCCGTACGGTCGGACGCCTAGCCCGTG<mark>.T</mark>AAAGCTCCTTCG
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CGCCTTCCGAGTTCCTTGGAACAGGACGCCAGAGAGGGTGAGAGCCCCGTACGGT<mark>T</mark>GGACGCCTAGCCCGTG<mark>.T</mark>AAAGCTCCTTCG
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CGCC<mark>G</mark>TCCGAGTTCCTTGGAACAGGACGCCA<mark>C</mark>AGAGGGTGAGAGCCCCGTACGG<mark>A</mark>CGGACGCCTAGCC<mark>TC</mark>T<mark>A.</mark>CAAAGCTCCTTCG
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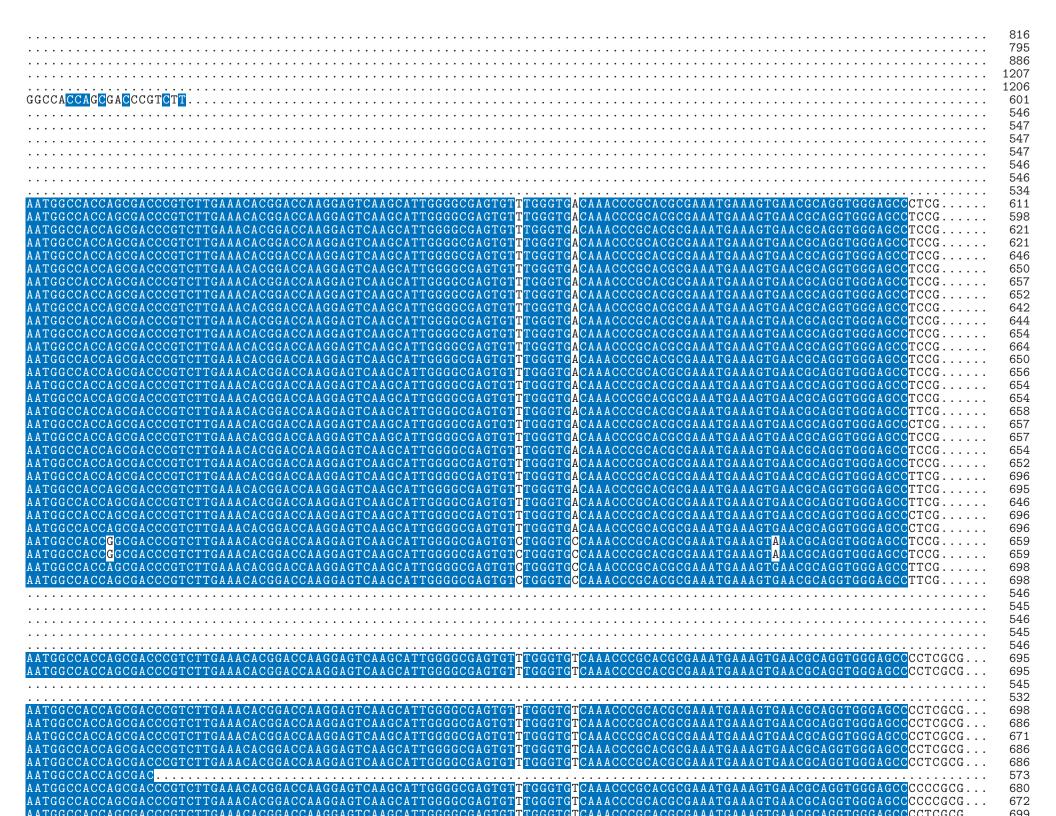
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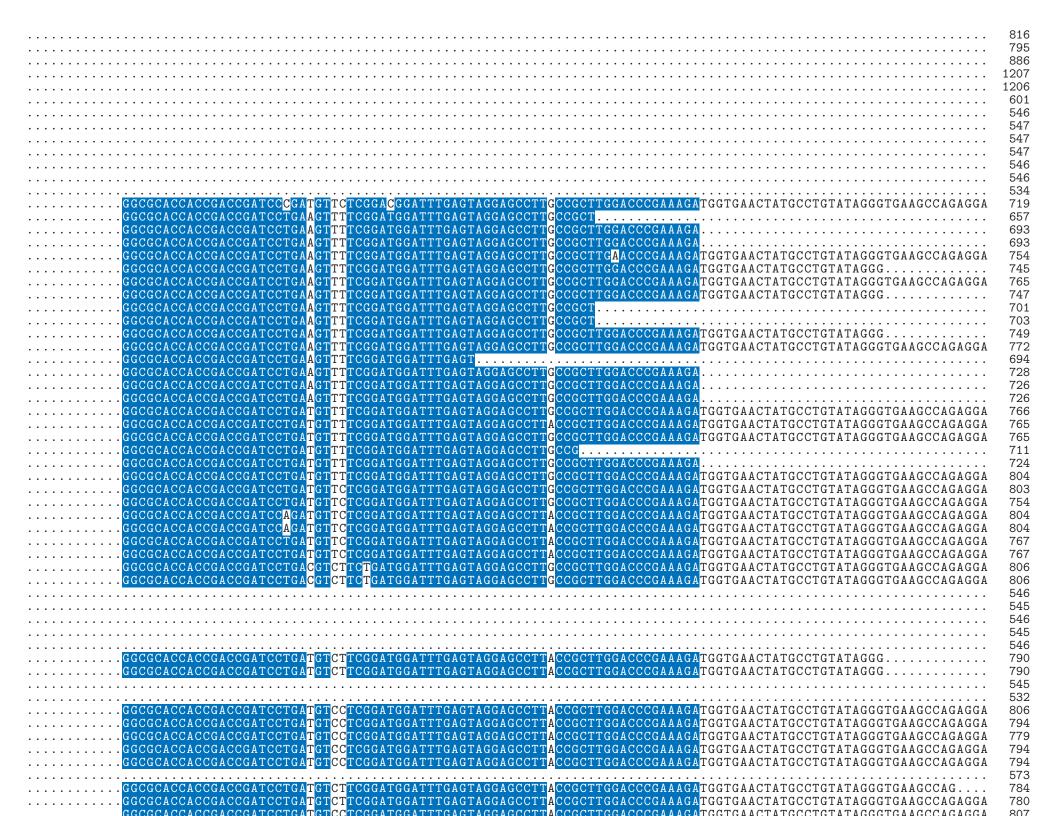
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ATGGGAGGTAAATTTCTTCTAAAGCTAAATAC<mark>T</mark>GGCCAGAGACCGATAGCGCACAAGTAGAGTGATCGAAAGATGAAAAGCACTTTGAAAAGGGGTTAAAACAGCACGTGAAATTG
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ATGGGAGGTAAATTTCTTCTAAAGCTAAATAC<mark>T</mark>GGCCAGAGACCGATAGCGCACAAGTAGAGTGATCGAAAAGATGAAAAGCACTTTGAAAAGGGGTTAAAACAGCACGTGAAATTG
                                                                                                                                      368
ATGGGAGGTAAATTTCTTCTAAAGCTAAATAC<mark>T</mark>GGCCAGAGACCGATAGCGCACAAGTAGAGTGATCGAAAAGATGAAAAGCACTTTGAAAAGGGGTTAAACAGCACGTGAAATTG
                                                                                                                                      354
ATGGGAGGTAAATTTCTTCTAAAGCTAAATAC<mark>T</mark>GGCCAGAGACCGATAGCGCACAAGTAGAGTGATCGAAAAGATGAAAAGCACTTTGAAAAGGGGTTAAACAGCACGTGAAATTG
                                                                                                                                      372
ATGGGAGGTAAATTTCTTCTAAAGCTAAATAC<mark>T</mark>GGCCAGAGACCGATAGCGCACAAGTAGAGTGATCGAAAGATGAAAAGCACTTTGAAAAGGGGTTAAACAGCACGTGAAATTG
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ATGGGAGGTAAATTTCTTCTAAAGCTAAATAC<mark>T</mark>GGCCAGAGACCGATAGCGCACAAGTAGAGTGATCGAAAAGATGAAAAGCACTTTGAAAAGGGGTTAAAACAGCACGTGAAATTG
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ATGGGAGGTAAATTTCTTCTAAAGCTAAATAC<mark>T</mark>GGCCAGAGACCGATAGCGCACAAGTAGAGTGATCGAAAGATGAAAAGCACTTTGAAAAGAGGGTTAAACAGCACGTGAAATTG
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ATGGGAGGTAAATTTCTTCTAAAGCTAAATAC<mark>T</mark>GGCCAGAGACCGATAGCGCACAAGTAGAGTGATCGAAAAGATGAAAAGCACTTTGAAAAGGGGTTAAACAGCACGTGAAATTG
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\mathtt{ATGGGAGGTAAATTTCTTCTAAAGCTAAATAC\overline{C}GGCCAGAGACCGATAGCGCACAAGTAGAGTGATCGAAAGATGAAAAGCACTTTGAAAAGGGGTTAAACAGCACGTGAAATTG
                                                                                                                                      348
ATGGGAGGTAAATTTCTTCTAAAGCTAAATAC<mark>T</mark>GGCCAGAGACCGATAGCGCACAAGTAGAGTGATCGAAAAGATGAAAAGCACTTTGAAAAGGGGTTAAACAGCACGTGAAATTG
                                                                                                                                      355
ATGGGAGGTAAATTTCTTCTAAAGCTAAATAC<mark>T</mark>GGCCAGAGACCGATAGCGCACAAGTAGAGTGATCGAAAGATGAAAAGCACTTTG<u>AAAAGAGGGTTAAACAGCACGTGAAATT</u>
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GAAAGGGAAGCGCCTGTGGCCAGACGTGCGCCCCGCGG	ACCACCCG	TCG.CTCTG.		CGGCGCAGGCCAGCATCGGCTCTC	CCCA 759 CCCA 755
GAAAGGGAAGCGCCTGTGGCCAGACGTGCGCCCCGCGG	ACCACCCG			CGGCGCAGGCCAGCATCGGCTCTC	
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GAAAGGGAAGCGCCTGTGACCAGACTTGCGCCCCGCGG	ACCACCCG			. TGCGCAGGCCAGCATCGGTTCTC	
GAAAGGGAAGCGCCTGTG <mark>A</mark> CCAGAC <mark>T</mark> TGCGCCCCGCGG	ACCACCCG		.CGCCGGTGCACTCCGCGG	. TGCGCAGGCCAGCATCGG <mark>T</mark> TCTC	
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	ACCACCCG	TCGCTCT		CGGCGCAGGCCAGCATCGGCTCTC	CCCA 400
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GAAAGGGAAGCGCCTGTGGCCAGACGTGCGCCCCGCGG	ACCACCCG	C <mark>CGC</mark> CTCG.C	GCGGCGGGGCACGCCGCGG	<mark>CG</mark> GCGCAGGCAGCATCGGCTCTC	C <mark>CCA</mark> 477
GAAAGGGAAGCGCCTGTGGCCAGAC <mark>T</mark> TGC <mark>TG</mark> CCCGCGG	TTCACCTG			GT <mark>GCGCAGGCCAGCATCGGCT</mark> TC <mark></mark> C	
GAAAGGGAAGCGCCTGTGGCCAGAC <mark>T</mark> TGC <mark>TG</mark> CCCGCGG	TTCACCTG		GCG <mark>C</mark> C <mark>A</mark> GGGCACGCCG	<mark>GT</mark> GCGCAGGCCAGCATCGGCT <mark>TC</mark> C	
GAAAGGGAAGCGCCTGTGGCCAGAC <mark>T</mark> TGC <mark>TG</mark> CCCGCGG			GCG <mark>C</mark> GGGGCACGCCGCGG	<mark>GT</mark> GCGCAGGCCAGCATCGGCT <mark>TC</mark> C	C <mark>CCA</mark> 468
GAAAGGGAAGCGCCTGTGGCCAGAC <mark>T</mark> TGC <mark>TG</mark> CCCGCGG	TTCACCTG			GT <mark>GC</mark> GCAGGCCAGCATCGGCT <mark>TC</mark> C	
GAAAGGGAAGCGCCTGTGGCCAGAC <mark>T</mark> TGC <mark>TG</mark> CCCGCGG		G <mark>CGC</mark> CCC C	GCG <mark>CCAGGGCACGCCG</mark> CGG	<mark>GTCT</mark> GCAGGCCAGCATCGGCT <mark>TC</mark> C	C <mark>CCA</mark> 468
GAAAGGGAAGCGCCTGTGGCCAGAC <mark>T</mark> TGC <mark>TG</mark> CCCGCGG			GCG <mark>CCAGGGCACGCCG</mark> CGG	GTCTGCAGGCCAGCATCGGCT <mark>TC</mark> C GTCTGCAGGCCAGCATCGGCTTCC	C <mark>CCA</mark> 469
GAAAGGGAAGCGCCTGTGGCCAGAC <mark>T</mark> TGC <mark>TG</mark> CCC <u>G</u> CGG	TTCACCTG		GCG <mark>CCA</mark> GGGCACGCCGCGG	GTCTGCAGGCCAGCATCGGCTTC	CCA 469
GAAAGGGAAGCGCCTGTGGCCAGACG <mark>C</mark> GC <mark>CG</mark> CCC <mark>A</mark> CGG	ACCACCTG		GCGCCAGGGCACGCCGCGG	GCG.GCGGGCCAGCATCGGCT <mark>TC</mark> T	CCCA 467
GAAAGGGAAGCGCCTGTGGCCAGACG <mark>C</mark> GC <mark>CG</mark> CCC <mark>A</mark> CGG			GCGCCAGGGCACGCCGCGG	GCG.GCGGGCCAGCATCGGCT <mark>TC</mark> T	CCA 453
GAAAGGGAAGCGCCTGTGGCCAGAC <mark>T</mark> TGC <mark>TG</mark> CCC G CGG			GCGCCAGGGCACGCCGCGG	GTGCGCAGGCCAGCATCGGCT <mark>TC</mark> C	CCA 472
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GAAAGGGAAGCGCCTGTGGCCAGAC <mark>T</mark> TGC <mark>TG</mark> CCCGCGG	TTCACCTG			GTGCGCAGGCCAGCATCGGCT <mark>TC</mark> C	
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GAAAGGGAAGCGCCTGTGGCCAGACTTGCTGCCCGCGG	CTCACCTG	GCGCCTC C	GCGCCAGGGCACGCCGCGG	<mark>G.C</mark> CGCAGGCCAGCATCGGCT <mark>TC</mark> C GTGCGCAGGCCAGCATCGGCTTCC	CCCA 446
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GGGGGACAAAGGCCG.CGGGAACGTAGCTCCT		1207
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\dots GGGGGACAAAGG \overline{C} CG \overline{C} CGGGAACGTAGCTCCT \dots		547
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<mark>GGGGGAC</mark> AAAGGCCG <mark>.</mark> CGGGAACGTAGCTCCT <mark></mark>		569
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GGGGGACAAAGGCCG.CGGGAA <mark>T</mark> GTAGCTCCT		555 582
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