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tig00002380:159743-198526()	AGTTGGAGCTGATGCTTCCGTAGCCTTGGGC	TTCTCTCCATTTCGGAAGCTTTGACAGGCGCAACCCC	.ACCCAG	.AGGCTGGCTGCGGCTGAGG	93	
tig00008411:134529-176298()	AGTTGGAGCTGATGCTTCCGTAGCCTTGGGC	TTCTCTCCATTTCGGAAGCTTTGACAGGCGCAACCCC	.ACCCAG	.AGGCTGGCTGCGGCTGAGG	93	
tig00008216:94751-135048(-)	AGTTGGAGCTGATGCTTCCGTAGCCTTGGGC	TTCTCTCCATTTCGGAAGCTTTGACAGGCGCAACCC	.ACCCAG	.AGGCTGGCTGCGGCTGAGG	92	
tig00002380:120727-159743()	AGTTGGAGCTGATGCTTCCGTAGCCTTGGGC	TTCTCTCCATTTCGGAAGCTTTGATAGGCGCAACCCC	.ACCCAG	.AGGCTGGCTGCGGCTGAGG	93	
tig00008216:53978-94751(-)	AGTTGGAGCTGATGCTTCCGTAGCCTTGGGC	TTCTCTCCATTTCGGAAGCTTTGACAGGCGCAACCCC	.ACCCAG	.AGGCTGGCTGCGGCTGAGG	93	
tig00002380:1146-40745()	AGTTGGAGCTGATGCTTCTGAGCCTTGGGC	TTCTC..CATTCGGAAGCTTTGACAGGCGCAACCCC	.ACCCAG	.AGGCTGGCTGCGGCTGAGG	90	
tig00008411:94672-134529()	AGTTGGAGCTGATGCTTCCGTAGCCTTGGGC	TTCTCTCCATTTCGGAAGCTTTGACAGGCGCAACCCC	.ACCCAG	.AGGCTGGCTGCGGCTGAGG	93	
tig00008411:217104-257759()	AGTTGGAGCTGATGCTTCCGTAGCCTTGGGC	TTCTCTCCATTTCGGAAGCTTTGACAGGCGCAACCCC	.ACCCAG	.AGGCTGGCTGCGGCTGAGG	93	
tig00008411:257759-297618()	AGTTGGAGCTGATGCTTCCGTAGCCTTGGGC	TTCTCTCCATTTCGGAAGCTTTGACAGGCGCAACCCC	.ACCCAG	.AGGCTGGCTGCGGCTGAGG	93	
tig00002380:80433-120727()	AGTTGGAGCTGATGCTTCT...AGCCTTGGGC	TTCTCTCCATTTCGG.GCTTTGACAGGC..AACCCAC	...CCAG	.AGGCTGGCTGCGGCTGAGG	85	
tig00008215:19898-58526(-)	AGTTGGAGCTGATGCTTCCGTAGCCTTGGGC	TTCTCTCCATTTCGAAGCTTTGACAGGCGCAACCCC	ACCCAG	.AGGCTGGCTGCGGCTGAGG	94	
tig00008215:58526-97877(-)	AGTTGGAGCTGATGCTTCCGTAGCCTTGGGC	TTCTCTCCATTTCGAAGC...GACA....ACC	CCAC	...CCAG	.AGGCTGGCTGCGGCTGAGG	83
tig00008216:21673-53978(-)	.....	.....	.....	.....	0
tig00008411:14398-55544()	GTTTGGAGCTGATGCTTCCGTAGCCTTGGGC	TTCTCTCCATTTCGGAAGCTTTGACAGGCGCAA	.CCC	CACCCAG	.AGGCTGGCTGCGGCTGAGG	93
tig00008215:97877-137448(-)	AGTTGGAGCTGATGCTTCCGTAGCCTTGGGC	TTCTCTCCATTTCGGAAGCTTTGACAAGGCGCAAG	CCC	CACCCAG	.AGGCTGGCTGCGGCTGAGG	94
tig00008411:55544-94672()	AGTTGGAGCTGATGCTTCCGTAGCCTTGGGC	TTCTCTCCATTTCGGAAGCTTTGACAG	.CGCAACCCC	CACCCAG	.AGGCTGGCTGCGGCTGAGG	93
tig00002380:40745-80433()	AGTT...CTATTTCCTT.....GATTCTCTCAG	.....GCAACCCC	.ACCCAG	.AGGCTGGCTGCGGCTGAGG	58
tig00008411:176298-217104()	AGTTGGAGCTGATGCTTCCGTAGCCTTGGGC	TTCTCTCCATTTCGGAAGCTTTGACAGGCGCAACCCC	.ACCCAG	.AGGCTGGCTGCGGCTGAGG	93	
tig00008215:0-19898(-)	AGTTGGAGCTGATGCTTCCGTAGCCTTGGGC	TTCTCTCCATTTCGGAAGCTTTGATAGGCGCAACCCC	.ACCCAG	.AGGCTGGCTGCGGCTGAGG	93	
tig00008216:0-21673(-)	AGTTGGAGCTGATGCTTCCGTAGCCTTGGGC	TTCTCTCCATTTCGGAAGCTTTGACAGGCGCAACCCC	.ACCCAG	.AGGCTGGCTGCGGCTGAGG	93	
tig00008411:297618-338078()	GACAAAATCTGGAAGCATTCC..TTTGAATAATGG	CACAAGACAGGGATGCCCTCTCTCACTCATATTCAAT	ATAGTGTGTAAGTTCTGG		93	
consensus	agttggagCTgatgcCtTccgtagccttgggcTTctCtccatttcggaagctttgacaggcgcaacccc	accCag	AggcTGgctGcgGcTgaGG			

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tig00002380:159743-198526()	ATTAGGGG..TGTGTTGGGGCTGAAAA..CTGGGTCCCCTATTTT	GATACCTCAGCCGACACATCCCC	.GACCGCCATCGCTTGCTCGCCCTCTG	184	
tig00008411:134529-176298()	ATTAGGGGGGTGTGTTGGGGCTGAAAA..CTGGGTCCCCTATTTT	GATACCTCAGCCGACACATCCCC	GACCGCCATCGCTTGCTCGCCCTCTG	187	
tig00008216:94751-135048(-)	ATTAGGGG..TGTGTTGGGGCTGAAAAA	CTGGGTCCCCTATTTT	GATACCTCAGCCGACACATCCCC	.GACCGCCATCGCTTGCTCGCCCTCTG	184
tig00002380:120727-159743()	ATTAGGGG..TGTGTTGGG..CTGAAA..	CTGGGTCCCCTATTTT	GATACCTCAGCCGACACATCCCC	GACCGCCATCGCTTGCTCGCC..TCTG	181
tig00008216:53978-94751(-)	ATTAGGGGGTGTGTTGGGGCTGAAAA..CTGGGTCCCCTATTTT	GATACCTCAGCCGACACATCCCC	GACCGCCATCGCTTGCTCGCCCTCTG	186	
tig00002380:1146-40745()	ATTAGGGG..TGTGTTGGGGCTGAAAA..CTGGGTCCC..TATTTT	GATACCTCAGCCGACACATCCCC	GACCGCCATCGCTTGCTCGCC..TCTG	180	
tig00008411:94672-134529()	ATTAGGGGGTGTGTTGGGGCTGAAAA..CTGGGTCCCCTATTTT	GATACCTCAGCCGACACATCCCC	GACCGCCATCGCTTGCTCGCCCTCTG	186	
tig00008411:217104-257759()	ATTAGGGG..TGTGTTGGG..CTGAAA..	CTGGGTCCCTA..TTT	GATACCTCAGCCGACACATCCCC	.GACCGCCATCGCTTGCTCGCC..TCTG	179
tig00008411:257759-297618()	ATTAGGGG..TGTGTTGGG..CTGAAAA..	CTGGGTCCCCTA..TTT	GATACCTCAGCCGACACATCCCC	.GACCGCCATCGCTTGCTCGCCCTCTG	182
tig00002380:80433-120727()	ATTAGGGGGTGTGTTGGGGCTGAAAA..CTGGGTCCC	TATTTT	GATACCTCAGCCGACATCCCGA...	CCGCCATCGCTTGCTCGCCCTCTG	174
tig00008215:19898-58526(-)	ATTAGG...TGTGTTGGGGCTGAAA..	CTGGGTCCCCTATTTT	GATACCTCAGCCGACACATCCC...	CGGCCATCGCT..GCTCGCCCTCTG	177
tig00008215:58526-97877(-)	ATTAGGGG..TGTGTTGGGGCTGAAAA..CTGGGTCCCCTATTTT	GATACCTCAGCCGACATCCCGA...	CGGCCATCGCT..GCTCGCCCTCTG	170	
tig00008216:21673-53978(-)	.....	.....	.....	0
tig00008411:14398-55544()	ATTAGGGGGTGTGTTGGGGCTGAAAA..CTGGGTCCCCTATTTT	GATACCTCAGCCGACACATCCCC	GACCGCCATCGCTTGCTCGCCCTCTG	186	
tig00008215:97877-137448(-)	ATTAGGGG..TGTGTTGGGGCTGAAAA..CTGGGTCCCCTATTTT	GATACCTCAGCCGACACATCCCC	.GACCGCCATC..TTGCTCGCCCTCTG	182	
tig00008411:55544-94672()	ATTAGGGGGTGTGTTGGGGCTGAAAA..CTGGGTCCCCTATTTT	GATACCTCAGCCGACACATCCCC	GACCGCCATCGCTTGCTCGCCCTCTG	186	
tig00002380:40745-80433()	ATTAGGGGGTGTGTTGGGGCTGAAAA..CTGGGTCCCCTATTTT	GATACCTCAGCCGACACATCCCC	GACCGCCATCGCTTGCTCGCCCTCTG	149	
tig00008411:176298-217104()	ATTAGGGGGTGTGTTGGGGCTGAAAA..CTGGGTCCCCTATTTT	GATACCTCAGCCGACACATCCCC	GACCGCCATCGCTTGCTCGCCCTCTG	186	
tig00008215:0-19898(-)	ATTAGGGG..TGTGTTGGGGCTGAAA..	CTGGGTCCCCTATTTT	GATACCTCAGCCGACACATCCCC	GACCGCCATCGCTTGCTCGCC..TCTG	182
tig00008216:0-21673(-)	ATTAGGGGGTGTGTTGGGGCTGAAAA..CTGGGTCCCCTATTTT	GATACCTCAGCCGACACATCCCC	GACCGCCATCGCTTGCTCGCCCTCTG	186	
tig00008411:297618-338078()	CCAGGGTAATTAGGCAGGAGAAAGGAAATAAAGGCGATTCAATTAGGAAA...AGAGGAAGC....CAAATCGT	CCCTGTTTGCAGATGACATG		179	
consensus	attaGGgg..TgtGttGGggctGaAAa..ctgGgtCccctatTTt..GAtAcctcAGccGAcacatcccc	gaccGcCatcgcTtGctcgccctcTG			

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tig00002380:159743-198526()	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGGA	GGGGT	GCGG	AATGAGG	...	269
tig00008411:134529-176298()	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGGAG	GGGGT	GCGGGA	ATGAGGG	GTG	280
tig00008216:94751-135048(-)	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGGAGG	GGGGT	GCGGGA	ATGAGGG	...	274
tig00002380:120727-159743()	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGGA	GGG	TGCGGGA	ATGAGGG	...	270
tig00008216:53978-94751(-)	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGGA	GGGGT	GCGGGA	ATGAGGG	...	275
tig00002380:1146-40745()	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGGAG	GGGGT	GCGGGA	ATGAGGG	...	269
tig00008411:94672-134529()	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGGA	GGGGT	GCGGGA	ATGAGGG	...	273
tig00008411:217104-257759()	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGGA	GGGGT	GCGGGA	ATGAGGG	...	266
tig00008411:257759-297618()	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGGA	GGGGT	GCGGGA	ATGAGG	...	268
tig00002380:80433-120727()	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGG	AGGGT	TGCGGA	ATGAGGG	...	259
tig00008215:19898-58526(-)	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGG	AGGGT	TGCGGGA	ATGAGGG	...	263
tig00008215:58526-97877(-)	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGG	AGGGT	TGCGGGA	ATGAGGG	...	256
tig00008216:21673-53978(-)	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGG	AGGGT	TGCGGGA	ATGAGGG	...	0
tig00008411:14398-55544()	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGG	AGGGT	TGCGGGA	ATGAGGG	...	275
tig00008215:97877-137448(-)	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGG	AGGGT	TGCGGGA	ATGAGGG	...	265
tig00008411:55544-94672()	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGGA	GGGGT	TGCGGGA	ATGAGGG	...	274
tig00002380:40745-80433()	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGGA	GGGGT	TGCGGGA	ATGAGGG	...	236
tig00008411:176298-217104()	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGGA	GGGGT	TGCGGGA	ATGAGGG	...	274
tig00008215:0-19898(-)	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGGA	GGGGT	TGCGGGA	ATGAGGG	...	271
tig00008216:0-21673(-)	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGGAG	GGGGT	TGCGGGA	ATGAGGG	...	276
tig00008411:297618-338078()	AGATCCCC	GCCTCCACCGC	CTTGCAGGCT	CACCTCTT	ACTTTCATT	TCTTCTT	CCTTTCTT	GCGTTT	GAGG	AGGGT	TGCGGGA	ATGAGGG	...	266
consensus	AGatcccc	gcctccaccgc	CttgcaGg	CTCAcTcttAc	TtTCaT	TtcttC	CtttcttG	CgttT	gAGg	ggggt	gcggga	ATgaggg	...	

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tig00002380:159743-198526()	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	358
tig00008411:134529-176298()	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	372
tig00008216:94751-135048(-)	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	361
tig00002380:120727-159743()	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	355
tig00008216:53978-94751(-)	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	367
tig00002380:1146-40745()	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	355
tig00008411:94672-134529()	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	365
tig00008411:217104-257759()	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	345
tig00008411:257759-297618()	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	348
tig00002380:80433-120727()	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	348
tig00008215:19898-58526(-)	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	344
tig00008215:58526-97877(-)	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	340
tig00008216:21673-53978(-)	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	0
tig00008411:14398-55544()	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	367
tig00008215:97877-137448(-)	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	352
tig00008411:55544-94672()	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	365
tig00002380:40745-80433()	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	326
tig00008411:176298-217104()	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	366
tig00008215:0-19898(-)	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	358
tig00008216:0-21673(-)	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	365
tig00008411:297618-338078()	TGTGTGTGGG	AGGGG	TGcGGG	TGGG	ACGGAGG	AG	CGTCCTAAGG	TGATTT	AGTGTcATGc	CTTT	CACc	ACcA	CcACc	AccAC	359
consensus	tgTGTgtg	ggggagg	ggg	tgcg	ggg	g	CgtcCtaAG	GtGcGAtTt	aGtGTcAt	gcCtCt	TTCAc	AcCa	Ccaccacc	acc	

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tig00002380:159743-198526()	CGAAGATGACAGCAAGGA	TCGGCTAAA	TACCGCGT	TGTTCTCATCT	AGAAGTGGGAAC	TACAGATGACAGTTCTTGCATGGG	CAGAACAGG	449	
tig00008411:134529-176298()	CGAAGATGACAGCAAGGA	TCGGCTAAA	TACCGCGT	TGTTCTCATCT	AGAAGTGGGAAC	TACAGATGACAGTTCTTGCATGGG	CAGAACGAG	463	
tig00008216:94751-135048(-)	CGAAGATGACAGCAAGGA	TCGGCTAAA	TACCGCGT	TGTTCTCATCT	AGAAGTGGGAAC	TACAGATGACAGTTCTTGCATGGG	CAGAACGAG	452	
tig00002380:120727-159743()	CGAAGATGACAGCAAGGA	TCGGCTAAA	TACCGCGT	TGTTCTCATCT	AGAAGTGGGAAC	TACAGATGACAGTTCTTGCATGGG	CAGAACGAG	446	
tig00008216:53978-94751(-)	CGAAGATGACAGCAAGGA	TCGGCTAAA	TACCGCGT	TGTTCTCATCT	AGAAGTGGGAAC	TACAGATGACAGTTCTTGCATGGG	CAGAACGAG	458	
tig00002380:1146-40745()	GAAGATGACAGCAAGGA	TCGGCTAAA	TACCGCGT	TGTTCTCATCT	AGAAGTGGGAAC	TACAGATGACAGTTCTTGCATGGG	CAGAACGAG	445	
tig00008411:94672-134529()	CGAAGATGACAGCAAGGA	TCGGCTAAA	TACCGCGT	TGTTCTCATCT	AGAAGTGGGAAC	TACAGATGACAGTTCTTGCATGGG	CAGAACGAG	456	
tig00008411:217104-257759()	CGAAGATGACAGCAAGGA	TCGGCTAAA	TACCGCGT	TGTTCTCATCT	AGAAGTGGGAAC	TACAGATGACAGTTCTTGCATGGG	CAGAACGAG	436	
tig00008411:257759-297618()	CGAAGATGACAGCAAGGA	TCGGCTAAA	TACCGCGT	TGTTCTCATCT	AGAAGTGGGAAC	TACAGATGACAGTTCTTGCATGGG	CAGAACGAG	439	
tig00002380:80433-120727()	CGAAGATGACAGCAAGGA	TCGGCTAAA	TACCG	TGTTCTCATCT	AGAAGTGGGAAC	TACAGATGACAGTTCTTGCATGGG	CAGAGCA	434	
tig00008215:19898-58526(-)	CGAAGATGACAGCAAGGA	TCGGCTAAA	TACCGCGT	TGTTCTCATCT	AGAAGTGGGAAC	TACAGATGACAGTTCTTGCATGGG	CAGAACGAG	435	
tig00008215:58526-97877(-)	CGAAGATGACAGCAAGGA	TCGGCTAAA	TAGCG	TGTTCTCATCT	AGAAGTGGGAAC	TACAGATGACAGTTCTTGCATGGG	CAGAACGAG	429	
tig00008216:21673-53978(-)								0	
tig00008411:14398-55544()	CGAAGATGACAGCAAGGA	TCGGCTAAA	TACCGCGT	TGTTCTCATCT	AGAAGTGGGAAC	TACAGATGACAGTTCTTGCATGGG	CAGAACGAG	458	
tig00008215:97877-137448(-)	CGAAGATGACAGCAAGGA	TCGGCTAAA	T	CGCGT	TGTTCTCATCT	AGAAGTGGGAAC	TACAGATGACAGTTCTTGCATGGG	CAGAACGAG	441
tig00008411:55544-94672()	CGAAGATGACAGCAAGGA	TCGGCTAAA	TACCGCGT	TGTTCTCATCT	AGAAGTGGGAAC	TACAGATGACAGTTCTTGCATGGG	CAGAACGGG	456	
tig00002380:40745-80433()	CGAAGATGACAGCAAGGA	TCGGCTAAA	TACCGCGT	TGTTCTCATCT	AGAAGTGGGAAC	TACAGATGACAGTTCTTGCATGGG	CAGAACGAG	418	
tig00008411:176298-217104()	CGAAGATGACAGCAAGGA	TCGGCTAAA	TACCGCGT	TGTTCTCATCT	AGAAGTGGGAAC	TACAGATGACAGTTCTTGCATGGG	CAGAACGAG	457	
tig00008215:0-19898(-)	CGAAGATGACAGCAAGGA	TCGGCTAAA	TACCGCGT	TGTTCTCATCT				405	
tig00008216:0-21673(-)	CGAAGATGACAGCAAGGA	TCGGCTAAA	TACCGCGT	TGTTCTCATCT	AGAAGTGGGAAC	TACAGATGACAGTTCTTGCATGGG	CAGAACAGG	456	
tig00008411:297618-338078()	AGAAATAAATAGCTAGGAATC	GAACCTTACA	AGGGAT	GTGAAGG	ACCTCTTCAAGGAGAACT	TGTAACCCTGCTCA	ATGAAATAGAA	GA	448
consensus	cGAAGAtGAcAgCaagGA	tCggCTaAa	taccgcgT	GttctcAt	CTagaagtgggaactt	acagatgacagttc	tgtgcatggg	cagaacgag	

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tig00002380:159743-198526()	GGGGACCGGGGAC.G	CGGAAGTCTGCT	TGAGGGAGGAGGG	TGGAAGGAGAGACAGCTTCAGGAAGAAA.CAAAACACGAATACTGT	TCGGACAC	540
tig00008411:134529-176298()	GGGGACCGGGGAC.G	CGGAAGTCTGCT	TGAGGGAGGAGGG	TGGAAGGAGAGACAGCTTCAGGAAGAAAACAAAACACGAATACTGT	TCGGACAC	556
tig00008216:94751-135048(-)	GGGGACCGGGGAC.G	CGGAAGTCTGCT	TGAGGGAGGAGGG	TGGAAGGAGAGACAGCTTCAGGAAGAAAACAAAACACGAATACTGT	TCGGACAC	544
tig00002380:120727-159743()	GGGGACCGGG.AC.G	CGGAAGTCTGCT	TGAGGGAGGAGGG	TGGAAGGAGAGACAGCTTCAGGAAGAAAACAAAACACGAATACTGT	TCGGACAC	538
tig00008216:53978-94751(-)	GGGGACCGGGGAC.G	CGGAAGTCTGCT	TGAGGGAGGAGGG	TGGAAGGAGAGACAGCTTCAGGAAGAAAACAAAACACGAATACTGT	TCGGACAC	551
tig00002380:1146-40745()	GGGGACCGGG...A	CGGAAGTCTGCT	TGAGGGAGGG...	TGGAAGGAGAGACAGCTTCAGGAAGAAAACAAA.CACGAATACTGT	TCGGACAC	530
tig00008411:94672-134529()	GGGGACCGGGGAC.G	CGGAAGTCTGCT	TGAGGGAGGAGGG	TGGAAGGAGAGACAGCTTCAGGAAGAAAACAAAACACGAATACTGT	TCGGACAC	548
tig00008411:217104-257759()	GGG.AC	CGGGGA...CGGAAGTCTGCT	TGAGGA....GG	TGGAAGGAGAGACAGCTTCAGGAAGAAA.CAAAACACGAATACTGT	TCGGACAC	517
tig00008411:257759-297618()	GGG.AC	CGGGGA...CGGAAGCTGCT	TGAGGGAGGAGGG	TGGAAGGAGAGACAGCTTCAGGAAGAAA.CAAAACACGAATACTGT	TCGGACAC	527
tig00002380:80433-120727( )	.....TCTGCT	TGAGGGAGAA....AAGAGA...AGCTTCAG...AATAC....TGTCGGACAC	479			
tig00008215:19898-58526(-)	GACGGGACGGA.....AGCTGCT	TGAGGGAGGAGGG	TGGAAGGAGAGACAGCTTCAGGAAGAAAAC.AAACACG....TGTCGGACAC	513		
tig00008215:58526-97877(-)	GGGACCGGGGC.....AGGAAGTCA	TGAGGGAGGAGGG	TGGAAGGAGAG.CAGCTTCAGGAAGAAAACAAAACACGAATACTGT	TCGGACAC	514	
tig00008216:21673-53978(-)						0
tig00008411:14398-55544()	GGGGGACCGGGGACG	CGGAAGTCTGCT	TGAGGGAGGAGGG	GTGGAAAGGAGAGACAGCTTCAGGAAGAAAACAAAACACGAATACTGT	TCGGACAC	551
tig00008215:97877-137448(-)	GGGGACGAGGG...CGGAAGTCTGCT	TGAGGAGGAGGGT	G...GAAGGAGACAGCTTCAGGAAGAAAACAAA.CACGAATACTGT	TCGGACAC	526	
tig00008411:55544-94672()	GGGACCGGGGACG...CGGAAGTCTGCT	TGAGGGAGGAGGG	TGGAAGGAGAGACAGCTTCAGGAAGAAAACAAAACACGAATACTGT	TCGGACAC	548	
tig00002380:40745-80433()	GGGGACCGGGGAC.G	CGGAAGTCTGCT	TGAGGGAGGAGGG	TGGAAGGAGA.CAGCTTCAGGAAGAAAACAAAACACGAATACTGT	TCGGACAC	508
tig00008411:176298-217104()	GGGGGACCGGGGACG	CGGAAGTCTGCT	TGAGGGAGGAGGG	TGGAAGGAGAGACAGCTTCAGGAAGAAAACAAAACACGAATACTGT	TCGGACAC	551
tig00008215:0-19898(-)					TCGGACAC	413
tig00008216:0-21673(-)					TCGGACAC	550
tig00008411:297618-338078()	GGGATACAAACAAATGGAATAACATTGCA	TGCTCATGGGTAG	....GAAGAATCAATATCATGAAAACGGCCATAC.TACCC	AAGGTAATTTAT	536	
consensus	ggggg.cc.gg...cggaagtctgct	tgaggggaggaggg	tggaaggagagacagcttcaggaagaaaacaaaacacgaatactgt	TcggacAc		

tig00002380:159743-198526()
tig00008411:134529-176298()
tig00008216:94751-135048(-)
tig00002380:120727-159743()
tig00008216:53978-94751(-)
tig00002380:1146-40745()
tig00008411:94672-134529()
tig00008411:217104-257759()
tig00008411:257759-297618()
tig00002380:80433-120712()
tig00008215:19898-58526(-)
tig00008215:58526-97877(-)
tig00008216:21673-53978(-)
tig00008411:14398-55544()
tig00008215:97877-137448(-)
tig00008411:55544-94672()
tig00002380:40745-80433()
tig00008411:176298-217104()
tig00008215:0-19898(-)
tig00008216:0-21673(-)
tig00008411:297618-338078()
consensus

[illegible]

633
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tig00002380:159743-198526()
tig00008411:134529-176298()
tig00008216:94751-135048(-)
tig00002380:120727-159743()
tig00008216:53978-94751(-)
tig00002380:1146-40745()
tig00008411:94672-134529()
tig00008411:217104-257759()
tig00008411:257759-297618()
tig00002380:80433-120727()
tig00008215:19898-58526(-)
tig00008215:58526-97877(-)
tig00008216:21673-53978(-)
tig00008411:14398-55544()
tig00008215:97877-137448(-)
tig00008411:55544-94672()
tig00002380:40745-80433()
tig00008411:176298-217104()
tig00008215:0-19898(-)
tig00008216:0-21673(-)
tig00008411:297618-338078()
consensus

722
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tig00002380:159743-198526()	CACCACC	TCCTTGACCTGAGTCAGGGG	TTTCTGGCCTTT	GGAG..CGTTC	AGCGACAATGCAGTATTTGGG	CCCGTTCTTTTTCCT	808
tig00008411:134529-176298()	CACCACC	TCCTTGACCTGAGTCAGGGG	TTTCTGGCCTTT	GGGAGAACGTTT	AGCGACAATGCAGTATTTGGG	CCCGTTCTTTTTCCT	832
tig00008216:94751-135048(-)	CACCACC	TCCTTGACCTGAGTCAGGGG	TTTCTGGCCTTT	GGGAGAACGTTT	AGCGACAATGC		776
tig00002380:120727-159743()	CACCACC	TCCTTGACCTGAGTCAGGGG	TTTCTGGCCTTT	GGGAGAACGTTT	AGCGACAATGCAGTATTTGGG	CCCGTTCTTTTTCCT	754
tig00008216:53978-94751(-)	CACCACC	TCCTTGACCTGAGTCAGGGG	TTTCTGGCCTTT	GGGAGAACGTTT	AGCGACAATGCAGTATTTGGG	CCCGTTCTTTTTCCT	818
tig00002380:1146-40745()	CACCACC	TCCTTGACCTGAGTCAGGGG	TTTCTGGCCTTT	GGGAGAACGTTT	AGCGACAATGCAGTATTTGGG	CCCGTTCTTTTTCCT	789
tig00008411:94672-134529()	CACCACC	TCCTTGACCTGAGTCAGGGG	TTTCTGGCCTTT	GGGAGAACGTTT	AGCGACAATGCAGTATTTGGG	CCCGTTCTTTTTCCT	813
tig00008411:217104-257759()	CACCACC	TCCTTGACCTGAGTCAGGGG	TTTCTGGCCTTT	GGGAGAACGTTT	AGCGACAATGCAGTATTTGGG	CCCGTTCTTTTTCCT	713
tig00008411:257759-297618()	CACCACC	TCCTTGACCTGAGTCAGGGG	TTTCTGGCCTTT	GGGAGAACGTTT	AGCGACAATGCAGTATTTGGG	CCCGTTCTTTTTCCT	789
tig00002380:80433-120727()	CACCACC	TCCTTGACCTGAGTCAGGGG	TTTCTGGCCTTT	GGGAG..CGTTC	AGCGACAATGCAGTATTTGGG	CCCGTTCTTTTTCCT	733
tig00008215:19898-58526(-)	CACCACC	TCCTTGACCTGAGTCAGGG	TTTCTGGCCTTT	AGAA...CGTTC	AGCGACAATGCAGTATTTGGG	CCCGTTCTTTTTCCT	758
tig00008215:58526-97877(-)	CACCACC	TCCTTGACCTGAGTCAGGGG	TTTCTGGCCTTT	GGGAGAACGTTT	AGCGACAATGCAGTATTTGGG	CCCGTTCTTTTTCCT	789
tig00008216:21673-53978(-)							6
tig00008411:14398-55544()	CACCACC	TCCTTGACCTGAGTCAGGGG	TTTCTGGCCTTT	GGGAGAACGTTT	AGCGACAATGCAGTATTTGGG	CCCGTTCTTTTTCCT	825
tig00008215:97877-137448(-)	CA...CC	TCCTTGACCTGAGTCAGGGG	TTTCTGGCCTTT	GGGAGAACGTTT	AGCGACAATGCAGTATTTGGG	CCCGTTCTTTTTCCT	776
tig00008411:55544-94672()	CACCACC	TCCTTGACCTGAGTCAGGGG	TTTCTGGCCTTT	GGGAGAACGTTT	AGCGACAATGCAGTATTTGGG	CCCGTTCTTTTTCCT	816
tig00002380:40745-80433()	CACCACC	TCCTTGACCTGAGTCAGGGG	TTTCTGGCCTTT	GGGAGAACGTTT	AGCGACAATGCAGTATTTGGG	CCCGTTCTTTTTCCT	773
tig00008411:176298-217104()	CACCACC	TCCTTGACCTGAGTCAGGGG	TTTCTGGCCTTT	GGGAGAACGTTT	AGCGACAATGCAGTATTTGGG	CCCGTTCTTTTTCCT	818
tig00008215:0-19898(-)	CACCACC	TCCTTGACCTGAGTCAGGGG	TTTCTGGCCTTT	GGGAGAACGTTT	AGCGACAATGCAGTATTTGGG	CCCGTTCTTTTTCCT	662
tig00008216:0-21673(-)	CACCACC	TCCTTGACCTGAGTCAGGGG	TTTCTGGCCTTT	GGGAGAACGTTT	AGCGACAATGCAGTATTTGGG	CCCGTTCTTTTTCCT	824
tig00008411:297618-338078()	CAGCATGG	TACTGGTACCAAAACAGAGA	TATAGACCGATG	GAAATAATGCCCTC	AGAAATAATGCCGCATATCTA	CAGCTATCTGATCTT	815
consensus	CACCacc	TcCTtGacCtgagtCAGgGg	tTtctGgCcTttt	gggAgaacGttc	AGcgAcAATGCagtattttggg	cccgttctttttt..t	

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tig00002380:159743-198526()	TC	TCTT	T	CT	TTCT	TTTTTTGGACTGAGTCTCTCTCGCT	CTGT	CACCC	AGGCTGCGGTGCGGTGGC	CTCTC	..	GGCTCACTGAA	891					
tig00008411:134529-176298()	TC	TCTT	.....	TT	CT	TTCT	TTTTTTGGACTGAGTCTCTCTCGCT	CTGT	CACCC	AGGCTGCGGTGCGGTGGC	CTCTC	..	GGCTCACTGAA	916				
tig00008216:94751-135048(-)								CTGT	CACCC	AGGCTGCG	TGCGGTGGC	CTCTC	..	GGCTCACTGAA	819				
tig00002380:120727-159743()	TT	T	C				TTTTTTGGACTGAGTCTCTC	..	GCT	CTGT	CACCC	AGGCTGCGGTGCGGTGGC	CTC	..	GGCTCACTGAA	823			
tig00008216:53978-94751(-)	TC	TCTT	.....	TTCTT	TTCTT	TTTTTTGGACTGAGTCTCTCTCGCT	CTGT	CACCC	AGGCTGCGGTGCGGTGGC	CTCTC	TC		GGCTCACTGAA	905				
tig00002380:1146-40745()	TT	CT					TTTTTTGGACTGAGTCTCTCTCGCT	CTGT	CACCC	AGGCTGCGGTG	..	TGGCGCTCTC	..	GGCTCACTGAA	858				
tig00008411:94672-134529()	TC	TCTT	.....	T	TCT	TTCT	TTTTTTGGACTGAGTCTCTCTCGCT	CTGT	CACCC	AGGCTGCGGTGCGGTGGC	CTCTC	..	GGCTCACTGAA	897				
tig00008411:217104-257759()	TC	TCTT	T	TCT	TTCT	TTTTT	..	GGACTGAGTCTCTCTCGCT	CTGT	CACCC	AGGCTGCGGTGCGGTGGC	CTCTC	..	GGCTCACTGAA	796			
tig00008411:257759-297618()						TCT	TTCT	TTTTT	..	GGACTGAGTCTCTCTCGCT	CTGT	CACCC	AGGCTGCGGTG	..	GTGGCGCTC	..	GGCTCACTGAA	860	
tig00002380:80433-120727()	T					TTTT	TTCT	TTTTTTGGACTGAGTCTCTCTCGCT	CTGT	CACCC	AGGCTGCGGTGCGGTGGC	..	TCTCT	..	GGCTCACTGAA	810			
tig00008215:19898-58526(-)	TC					TTTT	TTCT	TTTTTTGGACTGAGTCTCTCTC	..	TCTGT	CACCC	AGGCTGCGGT	..	CGGTGGC	..	TCTCTC	..	GGCTCACTGAA	835
tig00008215:58526-97877(-)	CT	T	C			TTTT	TTCT	TTTTTTGGACTGAGTCTCTCT	..	TCTGT	CACCC	AGGCTGCGGTGCGGTGGC	..	TCTCT	..	CACTGAA	863		
tig00008216:21673-53978(-)																		6	
tig00008411:14398-55544()	TC	TCTTT	.....	TCTTT	TT	TTTTTTGGACTGAGTCTCTCTCGCT	CTGT	CACCC	AGGCTGCGGTGCGGTGGC	CTCTC	TC		GGCTCACTGAA	913				
tig00008215:97877-137448(-)		CT	TCTTT	CTTT	TTTTTTGGACTGAGTCTCTC	..	GCT	CTGT	CACCC	AGGCTGCGGTGCGGTGGC	..	TCTCTC	..	GGCTCACTGAA	859			
tig00008411:55544-94672()	CTT	C				TTTTTTGGACTGAGTCTCTCTCGCT	CTGT	CACCC	AGGCTGCGGTGCGGTGGC	CTCTC	..		GGCTCACTGAA	898					
tig00002380:40745-80433()	CTT	C				TTTTTTGGACTGAGTCTCTCTCGCT	CTGT	CACCC	AGGCTGCGGTGCGGTGGC	CTCTC	..		GGCTCACTGAA	855					
tig00008411:176298-217104()	CTT	CTTT	TCTT	TT	TTTTTTGGACTG	G	GTCTCTCTCGCT	CTGT	CACCC	AGGCTGCGGTGCGGTGGC	CTCTC	TC		GGCTCACTGAA	904			
tig00008215:0-19898(-)	TC	TT				TTTTTT	T	GACTGAGTCTCTC	..	GCT	CTGT	CACCC	AGGCTGCG	..	TGCGGTGGC	..	GGCTCACTGAA	732	
tig00008216:0-21673(-)	CT	TCTTCTTCTTTTCTTT	CTTT	TTTTTTGGACTGAGTCTCTCTCGCT	CTGT	CACCC	AGGCTGCGGTGCGGTGGC	CTCTC	TC				GGCTCACTGAA	918					
tig00008411:297618-338078()	TGACAAAA	CTGACAAAAAGAA	GAA	ATGAG	GAAAGGATT	CT	CTA	TTTAAT	AAATG	TGCT	GCGGAAAA	CTGG	CTAGCCATATGTA	GAA			901	
consensus						tt	ttttttggactgagtctctctcgct	CTG	Tcacc	AggctGcGgTgcggtggc	ctctc		ggctcactGAA						

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tig00002380:159743-198526()	ACCTCTGCTTCCGGGTTCCAGTGATTCTTCTTCGGTAGCTGGGATTACAGGCgCACACCATGACGGCCGGCTCATATTCCTATTTT.CAGTAGA	983
tig00008411:134529-176298()	ACCTCTGCTTCCCGGGTTCCAGTGATTCTTCTTCGGTAGCTGGGATTACAGGCGCACACCATGACGGCCGGCTCATATTCCTATTTT.CAGTAGA	1010
tig00008216:94751-135048(-)	ACCTCTGCTTCCCGGGTTCCAGTGATTCTTCTTCGGTAGCTGGGATTACAGGCGCACACCATGACGGC..GCTCATATTC.TATTTT..AGTAG.	908
tig00002380:120727-159743()	ACCTCTGCTTCCCGGGTTCCAGTGATTCTTCTTCGGTAGCTGGGATTACAGGCGCACACCATGACGGCCGGCTCATATTCCTATTTT.CAGTAGA	914
tig00008216:53978-94751(-)	ACCTCTGCTTCCCGGGTTCCAGTGATTCTTCTTCGGTAGCTGGGATTACAGGCGCACACCATGACGGCCGGCTCATATTCCTATTTT.CAGTAGA	999
tig00002380:1146-40745()	ACCTCTGCTTCCCGGGTTCCAGTGATTCTTCTTCGGTAGCTGGGATTACAGGCGCACACCATGACGGCCGGCTCATATTCCTATTTT.CAGTAGA	952
tig00008411:94672-134529()	ACCTCTGCTTCCCGGGTTCCAGTGATTCTTCTTCGGTAGCTGGGATTACAGGCGCACACCATGACGGCCGGCTCATATTCCTATTTT.CAGTGAG	991
tig00008411:217104-257759()	ACCTCTGCTTCCCGGGTTCCAGTGATTCTTCTTCG...CTGGGATTACAGGC..ACACCATG...GCCGGCTCATATTCCTATTTT..CAGTAGA	880
tig00008411:257759-297618()	ACCTCTGCTTCCCGGGTTCCAGTGATTCTTCTGGTAG...CTGGGATTACAGGCGCACACCATGACGGCCGGCTCATATTCCTATTTT..CAGTAGA	951
tig00002380:80433-120727()	ACCTCTGCTTCCGGGGTTCCAGTGATTCTTCTT..GGTAGCTGGGATTACAGGCGCACACCATGACGGC.GGCTCATATTCCTATTTT.CAGTAGA	902
tig00008215:19898-58526(-)	ACCTCTGCTTCCGGG..TTCCAGTGATTCTTCTTCGGTAGCTGGGATTACAGGC..ACACCATGACGGC.GGCTCATATTCCTATTTT..CAGTAGA	924
tig00008215:58526-97877(-)	ACCTCTGCTTCCCGGGTTCCAGTGATTCTTCTTCGGTAGCTGGGATTACAGGC..GACCAACGACGGCCGGCTCATATTCCTATTTT..CAGTAGA	954
tig00008216:21673-53978(-)	.....ACAGG.....	11
tig00008411:14398-55544()	ACCTCTGCTTCCCGGGTTCCAGTGATTCTTCTTCGGTAGCTGGGATTACAGGCGCACACCATGACGGCCGGCTCATATTCCTATTTT..CAGTAGA	1007
tig00008215:97877-137448(-)	ACCTCTGCTTCC..GGGTTCCAGTGATTCTTCTT..GGTAGCTGGGATTACAGGCACATGAC.....GGCGGCTCATATTCCTATTTT..CAGTAGA	945
tig00008411:55544-94672()	ACCTCTGCTTCCCGGGTTCCAGTGATTCTTCTTCGGTAGCTGGGATTGACAGGCGCACACCATGACGGCCGGCTCATATTCCTATTTT..CAGTAGA	992
tig00002380:40745-80433()	ACCTCTGCTTCCCGGGTTCCAGTGATTCTTCTTCGGTAGCTGGGATTACAGGCGCACACCATGACGGCCGGCTCATATTCCTATTTT..CAGTAGA	949
tig00008411:176298-217104()	ACCTCTGCTTCCCGGGTTCCAGTGATTCTTCTTCGGTAGCTGGGATTACAGGCGCACACCATGACGGCCGGCTCATATTCCTATTTT..CAGTAGA	998
tig00008215:0-19898(-)	ACCTCTGCTTCCCGGGTTCCAGTGATTCTTCT..GGTAGCTGG..ATTACAGGCGCACACCATGACGGCCGGCTCATATTCCTATTTT..CAGTAGA	822
tig00008216:0-21673(-)	ACCTCTGCTTCCCGGGTTCCAGTGATTCTTCTTCGGTAGCTGGGATTACAGGCGCACACCATGACGGCCGGCTCATATTCCTATTTT..CAGTAGG	1012
tig00008411:297618-338078()	AGCTGAAACTT...GGATCCCTTCCTTACACCTCATACAAAAATTAAATTCAAATAGATTAAGACTTACATGTAGACCTAAACCA...TAAA	989
consensus	AcCtctgctTcccGGgTtCcagtgaTtCttCttcggtagctgggAtTaCAGGcgcacacccatgacggccggcTcAtAttcctAtttt.cagTaga	

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tig00002380:159743-198526()	GACGGGGTTTCTCCACGTTGGCCACGCTGGTCTCGAACTCCTGACCTCAAATGATCCGCTTCTGGGCCTCCCAAAGTGCTGGAAACGACAGGC	1078
tig00008411:134529-176298()	GACGGGGTTTCTCCACGTTGGCCACGCTGGTCTCGAACTCCTGACCTCAAATGATCCGCTTCTGGGCCTCCCAAAGTGCTGGAAACGACAGGC	1105
tig00008216:94751-135048(-)	.ACGGGGTTTCTCCACGTTGGC..CGCTGGTCTCGAACTCCTGACCTCAAATGATCCGCTTCTGGGCCTCCCAAAGTGCTGGAAACGACAGGC	1000
tig00002380:120727-159743()	GACGGG.TTTCTCCACGTTGGCCACGCTGGTCTCGAACTCCTGACCTCAAATGATCCGCTTCTGGGCCTCCCA..GTGCTGGAAACGACAGGC	1006
tig00008216:53978-94751(-)	GACGGGGTTTCTCCACGTTGGCCACGCTGGTCTCGAACTCCTGACCTCAAATGATCCGCTTCTGGGCCTCCCAAAGTGCTGGAAACGACAGGC	1094
tig00008411:1146-40745()	GACGGG.TTTCTCCACGTTGGCCACGCTGGTCTCGAACTCCTGACCTCAAATGATCCGCTTCTGGGCCTCCCA..GTGCTG..AACGACAGGC	1041
tig00008411:94672-134529()	ACGGGG.TTTCTCCACGTTGGCCACGCTGGTCTCGAACTCCTGACCTCAAATGATCCGCTTCTGGGCCTCCCAAAGTGCTGGAAACGACAGGC	1085
tig00008411:217104-257759()	GACGGG.TTTCTCCACGTTGGCCACGCTGGTCTCGAACTCCTGACCTCAAATGATCCGCTTCTGGGCCTCCCAAAGTGCTGGAAACGACAGGC	965
tig00008411:257759-297618()	GACGGG.TTTCTCCACGTTGGCCACGCTGGTCTCGAACTCCTGACCTCAAATGATCCGCTTCTGGGCCTCCCAAAGTGCTGGAAACGACAGGC	1045
tig00002380:80433-120727()	GACGGGGTTTCTCCACGTTGGCCACGCTGGTCTCGAACTCCTGACCTCAAATGATCCGCTTCTGGGCCTCCCAAAGTGCTGGAAACGACAGGC	997
tig00008215:19898-58526(-)	GACGGG.TTTCTCCACGTTGGCCACGCTGGTCTCGAACTCCTGACCTCAAATGATCCGCTTCTGGGCCTCCCAAAGTGCTGGAAACGACAGGC	1018
tig00008215:58526-97877(-)	GACGGGGTTTCTCCACGTTGGCCACGCTGGTCTCGAACTCCTGACTC..AATGATCCA..CCTTC..TGGGCCTCCCAAAGTGCTGGAAACGACAGGC	1046
tig00008216:21673-53978(-)	.....	11
tig00008411:14398-55544()	GACGGGGTTTCTCCACGTTGGCCACGCTGGTCTCGAACTCCTGACCTCAAATGATCCGCTTCTGGGCCTCCCAAAGTGCTGGAAACGACAGGC	1102
tig00008215:97877-137448(-)	GACGGGGTTTCTCCACGTTGGCCACGCTGGTCTCGAACTCCTGACCTCAAATGATCCGCTTCTGGGCCTCCCAAAGTGCTGGAAACGACAGGC	1040
tig00008411:55544-94672()	GACGGGGTTTCTCCACGTTGGCCACGCTGGTCTCGAACTCCTGACCTCAAATGATCCGCTTCTGGGCCTCCCAAAGTGCTGGAAACGACAGGC	1087
tig00002380:40745-80433()	GACGGGGTTTCTCCACGTTGGCCACGCTGGTCTCGAACTCCTGACCTCAAATGATCCGCTTCTGGGCCTCCCAAAGTGCTGGAAACGACAGGC	1040
tig00008411:176298-217104()	GACGGG.TTTCTCCACGTTGGCCACGCTGGTCTCGAACTCCTGACCTCAAATGATCCGCTTCTGGGCCTCCCAAAGTGCTGGAAACGACAGGC	1092
tig00008215:0-19898(-)	GACGGG.TTTCTCCACGTTGGCCACGCTGGTCTCGAACTCCTGACCTCAAATGATCCGCTTCTGGGCCTCCCA..GTGCTG..AACGACAGGC	913
tig00008216:0-21673(-)	GGCAGGGTTTCTCCACGTTGGCCACGCTGGTCTCGAACTCCTGACCTCAAATGATCCGCTTCTGGGCCTCCCAAAGTGCTGGAAACGACAGGC	1107
tig00008411:297618-338078()	AACCTAGAAAGAAACCTAGGCAATAACATTCAGGACATAGGCATGGGAAAGGACTTCATGTCTAAAATACCAAAAGCAATGGCAACAA.AAGC	1082
consensus	gacggg.tttctccACgTtGGCcacgCtggTCTcGaACTcctGacctcaAAtGatCcgCtttctgggcctCccaaaGtgcTGgaAACgAcAgGC	

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tig00002380:159743-198526()	CTGAGCCG...GGGATTTTCAGCCT.TTAAAGCTG..GGCCCTGCGACCTTTTCGCTGTGGCCCTTACGCTCAGAATGA.CGTGTCCTCTCTGCCGT	1166
tig00008411:134529-176298()	CTGAGCCGCC.GGGATTTTCAGCCT.TTAAAGCGCGAGGCCCTACACCTTTTCGCTGTGGCCCTTACGCTCAGAATGA.CGTGTCCTCTCTGCCGT	1197
tig00008216:94751-135048(-)	CTGAGCCGCCGGGGATTTTCAGCCT.TTAAAGCGCG..GGCCCTGCGACCTT.CGCTGTGGCCCTTACGCTCAGAATGA.CGTGTCCTCTCTGCCGT	1090
tig00002380:120727-159743()	CTGAGCCGCC.GGGATTTTCAGCCT.TTAAAGCG..GGCCCTGCGACCTTTTCGCTGTGGCCCTTACGCTCAGAATGA.CGTGTC...TCTGCCGT	1092
tig00008216:53978-94751(-)	CTGAGCCGCC.GGGATTTTCAGCCT.TTAAAGCGCGGGGCCCTGCGACCTTTTCGCTGTGGCCCTTACGCTCAGAATGA.CGTGTCCTCTCTGCCGT	1185
tig00002380:1146-40745()	CTGAGCCGCC.GGGATTTTCAGCCT.TTAAAGCG..GGCCCTGCGACCTTTTCGCTGTGGCCCTTACGCTCAGAATGA.CGTGTC.TCTCTGCCGT	1129
tig00008411:94672-134529()	CTGAGCCGCC.GGGATTTTCAGCCT.TTAAAGCGCGGGGCCCTGCGACCTTTTCGCTGTGGCCCTTACGCTCAGAATGA.CGTGTCCTCTCTGCCGT	1176
tig00008411:217104-257759()	CTGAGCAGCG.GGGATTTTCAGCCT.TTAAAGCG.GGCCCTGCGACCTTTTCGCTGTGGCCCTTACGCTCAGAATGA.CGTGTCCTCTCTGCCGT	1055
tig00008411:257759-297618()	CTGAGCCGCC.GGGATTTTCAGCCT.TTAAAGCG..GGCCCTGCGACCTTTTCGCTGTGGCCCTTACGCTCAGAATGA.CGTGTCCTCTCTGCCGT	1134
tig00002380:80433-120727()	CTGAGCCGCC...GATTTTCAGCCT.TTAAG..CGCGGGGCCCTGCGACCT..CGCTGTGGCCCTTACGCTCAGAATGA.CGTGTCCTCTCTGCCGT	1082
tig00008215:19898-58526(-)	CTGAGCCGCC...GATTTTCAGCCT.TTAAG..CGCGGGGCCCTGCGACCTTTTCGCTGTGGCCCTTACGCTCAGAATGA.CGTGTCCTC...TGCCGT	1103
tig00008215:58526-97877(-)	CTGAGCAGCG.G.GATTTTCAGCCT.TTAAG..CGCGGGGCCCTGCGACCT..TGCTGTGGCCCTTAC..TCAGAATGA.CGTGTCCTCTCTGCCGT	1131
tig00008216:21673-53978(-)	.....	11
tig00008411:14398-55544()	CTGAGCCGCC.GGGATTTTCAGCCT.TTAAAGCGCGGGGCCCTACACCTTTTCGCTGTGGCCCTTACGCTCAGAATGA.CGTGTCCTCTCTGCCGT	1194
tig00008215:97877-137448(-)	CTGAGC...G.CGGATTTTCAGCCT.TTAAAG..GCGGGGCCCTGCGCACCTTCGCTGTGGCCCTTACGCTCAGAATGA.CGTGTCCTCTCTGCCGT	1126
tig00008411:55544-94672()	CTGAGC...GCGGGATTTTCAGCCT.TTAAAGCGCGGGGCCCTACACCTTTTCGCTGTGGCCCTTACGCTCAGAATGA.CGTGTCCTCTCTGCCGT	1177
tig00002380:40745-80433()	CTGAGCCGCC.GGGATTTTCAGCCT.TTAAG..CGCGGGGCCCTACACCTTTTCGCTGTGGCCCTT.CGCTCAGAATGA.CGTGTCCTCTCTGCCGT	1128
tig00008411:176298-217104()	CTGAGCCGCC.GGGATTTTCAGCCT.TTAAG..CGCGGGGCCCTGCGACCTTTTCGCTGTGGCCCTTACGCTCAGAATGA.CGTGTCCTCTCTGCCGT	1182
tig00008215:0-19898(-)	CTGAGCCGCC.GGGATTTTCAGCCT.TTAAAGCGCGGGGCCCTGCGACCTTTTCGCTGTGGCCCTTACGCTCAGAATGA.CGTGTCCT.TCTGCCGT	1004
tig00008216:0-21673(-)	CTGAGCAGCG..GGATTTTCAGCCT.TTAAG...CGGGGCCCTGCGACCTTTTCGCTGTGGCCCTTACGCTCAGAATGA.CGTGTCCTCTCTGCCAT	1194
tig00008411:297618-338078()	CAAAATATAGAC..AGATGGGATCTAAATTAAGCTAAAGAGCTTTCTGCACAA...GCAAAAGAAACATACATCAGAGTGAAACAGGCAACCTATGGAAT	1171
consensus	CtgAgccgcc ggGATttcAgCct TTAAa..cgcgggccctgcCaccttttcGctgtgGccctTaCgcTCAGAAaTGA CgtGtcctctcTGccgT	

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tig00002380:159743-198526()	GGTTGACTCCTTGAGTCCC.TAGGCCATTGCACTGTAGCCTGGGCAGCAAGAGCCAAACTCCGTCCCCC.ACCTCCC.GCATACATAA.....	1252
tig00008411:134529-176298()	GGTTGACTCCTTGAGTCCC.TAGGCCATTGCACTGTAGCCTGGGCAGCAAGAGCCAAACTCCGTCCCCC.ACCTCCC.CGCGCACATAA.....	1285
tig00008216:94751-135048(-)	GGTTGACTCCTTGAGTCCC.TAGGCCATTGCACTGTAGCCTGGGCAGCAAGAGCCAAACTCCGTCCCCC.ACCTCCC.CGCGCACATAA.....	1178
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tig00008411:176298-217104()	AGTTGACTCCTTGAGTCCC.TAGGCCATTGCACTGTAGCCTGGGCAGCAAGAGCCAAACTCCGTCCCCC.ACCTCCC.CGCGCACATAA.....	1269
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consensus	.GGttgActccttgAgTccc.tAggCcaTtGcactgtAGcCTGggcAgcaagaGcCAAAacTCCgtcccCc.acCtccc..cgcacAtaa.....	

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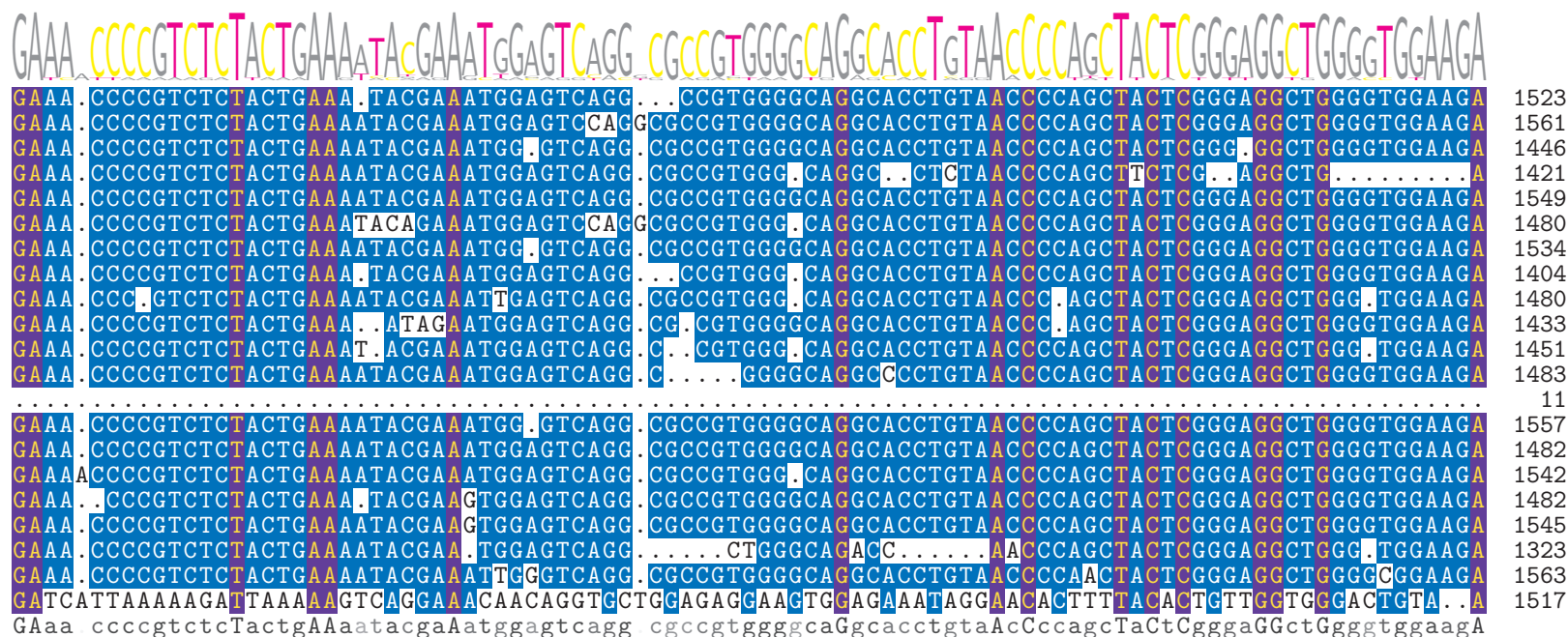
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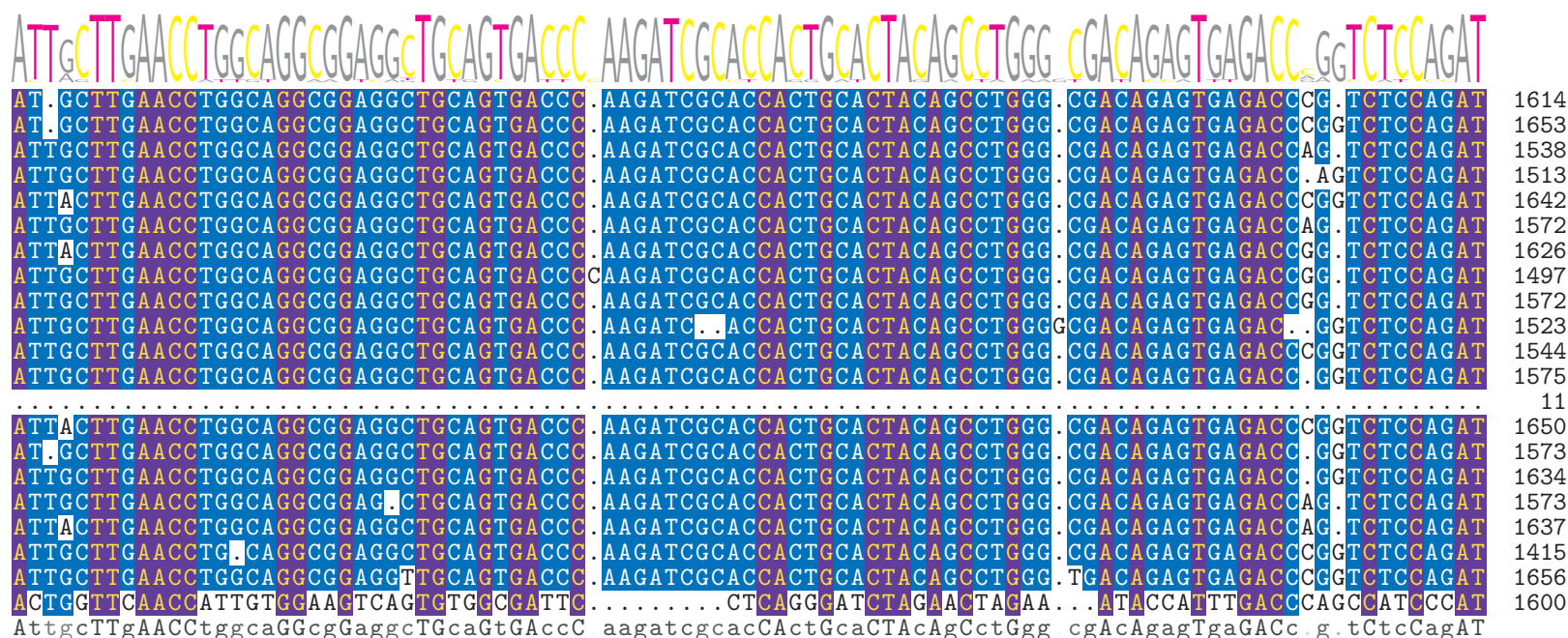
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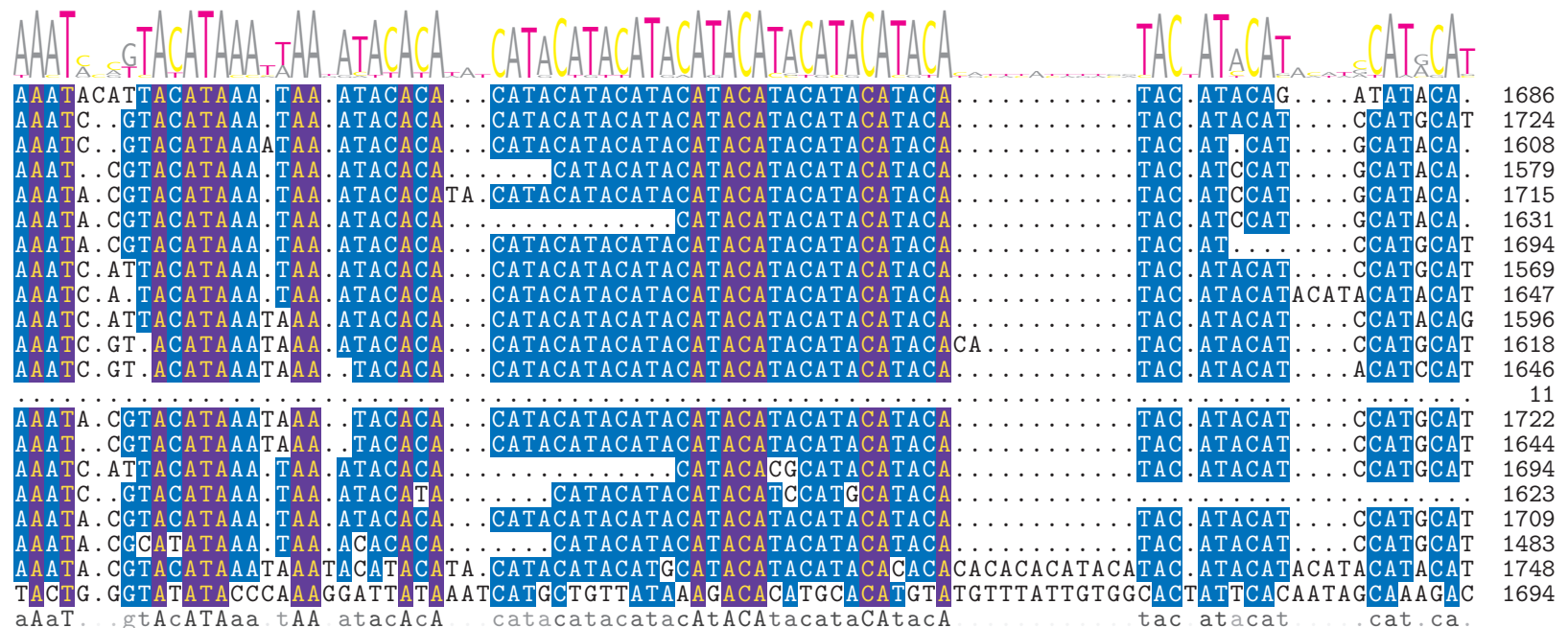


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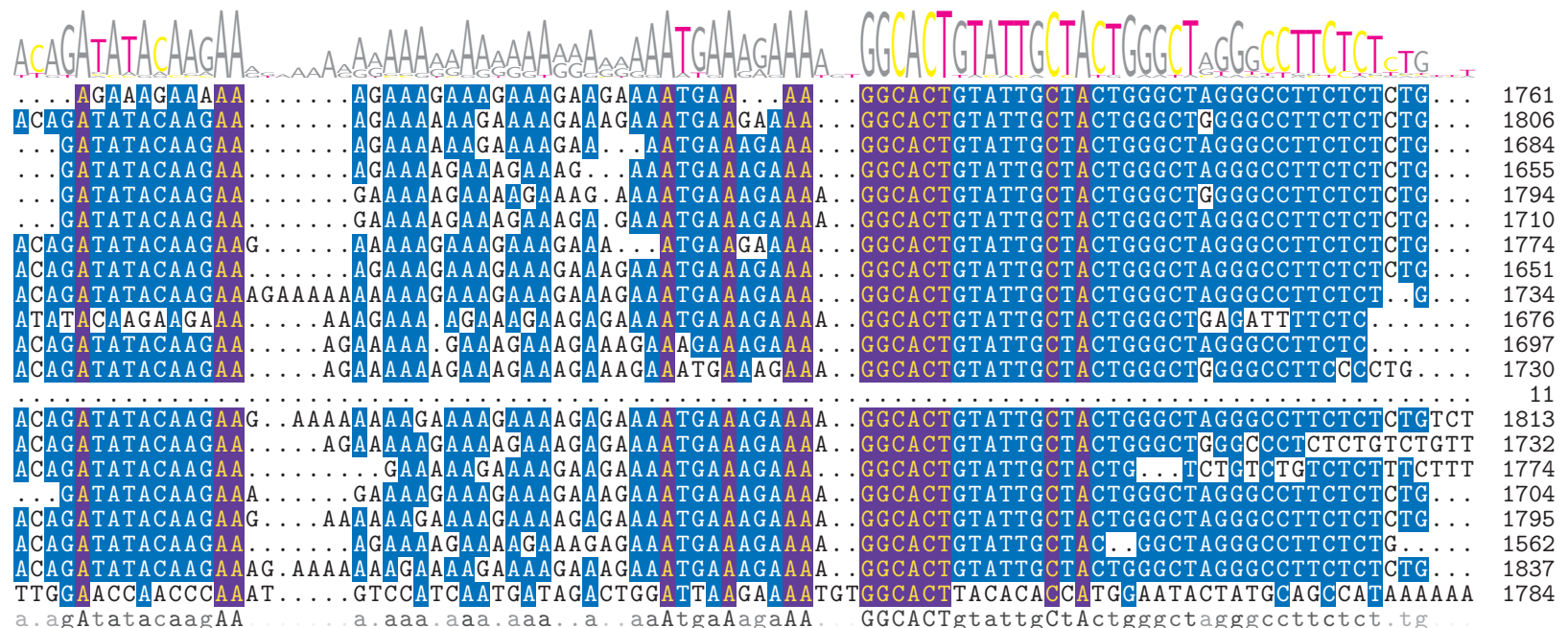
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consensus		Tctgttt		ctCTcTgTtcgctctctgtct	ttctctctgtgtctcttttctcTgtctgt	Tgtctct	ttcttttctctctgtctctgtctct		

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