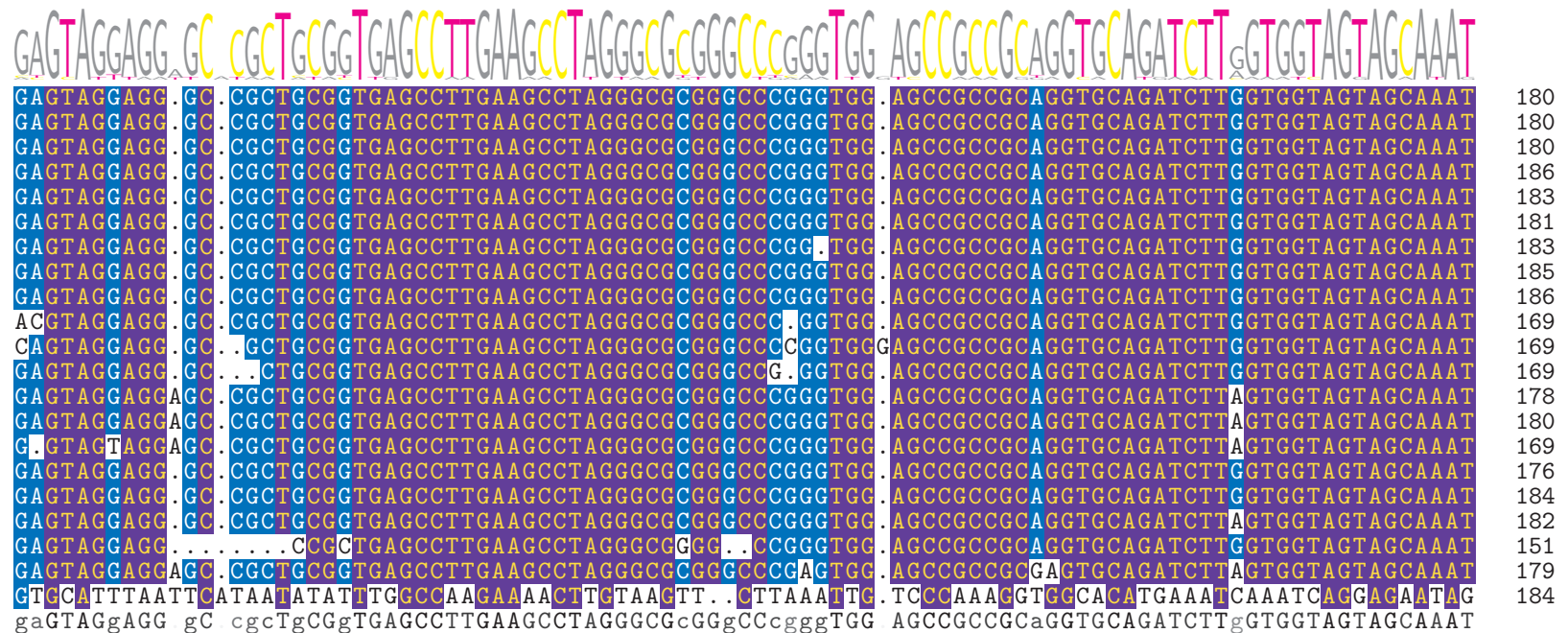


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consensus



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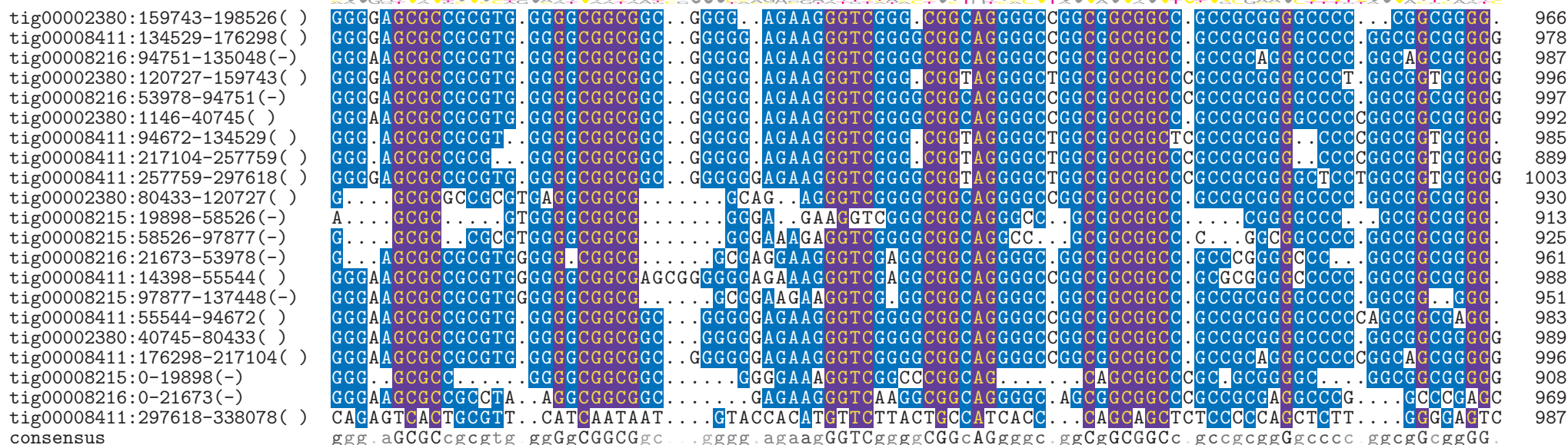
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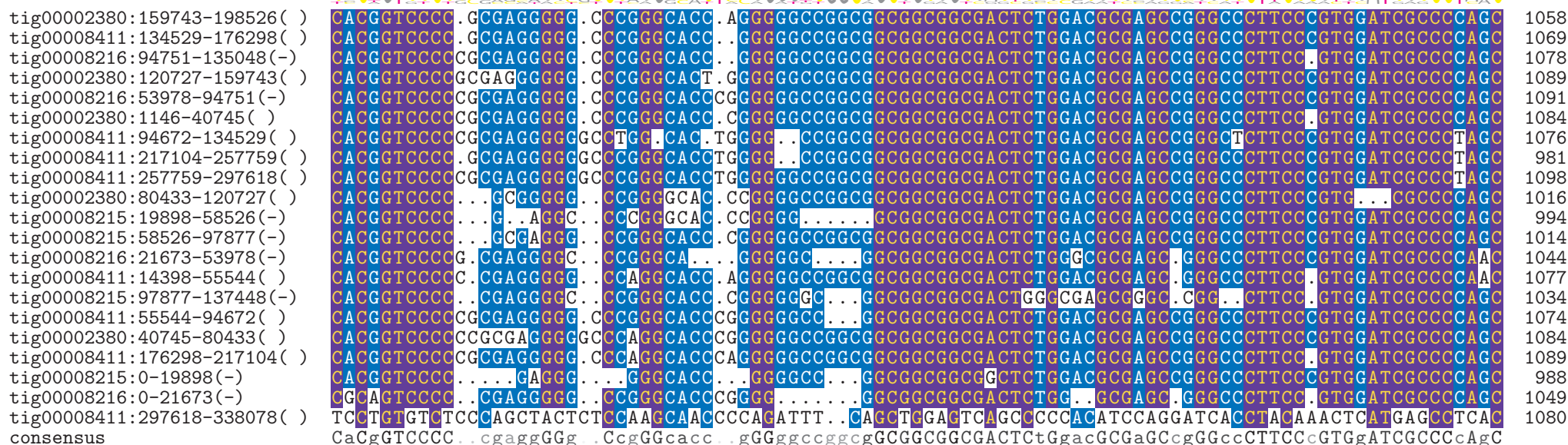
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tig00008216:94751-135048(-)	CCAC	..CCCGCGCGCGCGCTC	..GCTCCCTCCCGAC	..CCCGGCGC	..CTCTCT	..CTCTCTC	..GCTCCG	..GTCCTCCCC	..TCCG	..GG			898
tig00002380:120727-159743()	CCAC	..CCCGCGCGCGCGCTC	..GCTCCCTCCCGAC	..CCCGGCGC	..TCTCTCT	..CTCTCTC	..GCTCCG	..GTCCTCCCC	..TCCG	..GG			907
tig00008216:53978-94751(-)	CCAC	..CCCGCGCGCGCGCTC	..GCTCCCTCCCGAC	..CCCGGCGC	..CTCTCT	..CTCTCTC	..GCTCCG	..GTCCTCCCC	..TCCG	..GG			907
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tig00008215:58526-97877(-)	CCAC	..CCCGCGCGCGCGCTT	..GCTCCCTCCCGAC	..CCCGGCGC	..CTCTCT	..CTCTCTC	..GCTCCG	..GTCCTCCCC	..TCCG	..GG			852
tig00008216:21673-53978(-)	CCAC	..CCCGCGCGCGCGCTC	..GCTCCCTCCCGAC	..CCCGGCGC	..CTCTCT	..CTCTCTC	..GCTCCG	..GTCCTCCCC	..TCCG	..GG			882
tig00008411:14398-55544()	CCAC	..CCCGCGCGCGCGCTC	..GCTCCCTCCCGAC	..CCCGGCGC	..CTCTCT	..CTCTCTC	..GCTCCG	..GTCCTCCCC	..TCCG	..GG			896
tig00008215:97877-137448(-)	CCAC	..CCCGCGCGCGCGCTC	..GCTCCCTCCCGAC	..CCCGGCGC	..CTCTCT	..CTCTCTC	..GCTCCG	..GTCCTCCCC	..TCCG	..GG			869
tig00008411:55544-94672()	CCAC	..CCCGCGCGCGCGCTC	..GCTCCCTCCCGAC	..CCCGGCGC	..CTCTCT	..CTCTCTC	..GCTCCG	..GTCCTCCCC	..TCCG	..GG			894
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tig00008411:176298-217104()	CCAC	..CCCGCGCGCGCGCTC	..GCTCCCTCCCGAC	..CCCGGCGC	..CTCTCT	..CTCTCTC	..GCTCCG	..GTCCTCCCC	..TCCG	..GG			905
tig00008215:0-19898(-)	CCACC	..CCAGCGC	..CGGCTC	..GCTCCCTCC	..CAC	..CCAGCGC	..CTCTCT	..CTCTCTC	..GCTCCG	..GTCCTCCCC	..TCCG	..GG	839
tig00008216:0-21673(-)	CCAC	..CCCGCGCGCGCGCTC	..GCTCCCTCC	..CAC	..CCAGCGC	..CTCTCT	..CTCTCTC	..GCTCCG	..GTCCTCCCC	..TCCG	..GG		888
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consensus	CCAC	..CCCGCGCGcgCCgctc	..gCTCCCTCCcCaC	..CccgCgccc	..CTCTCT	..cTctctc	..CCcGctCCc	..GTCCTCCCC	..ctccc	..gg			

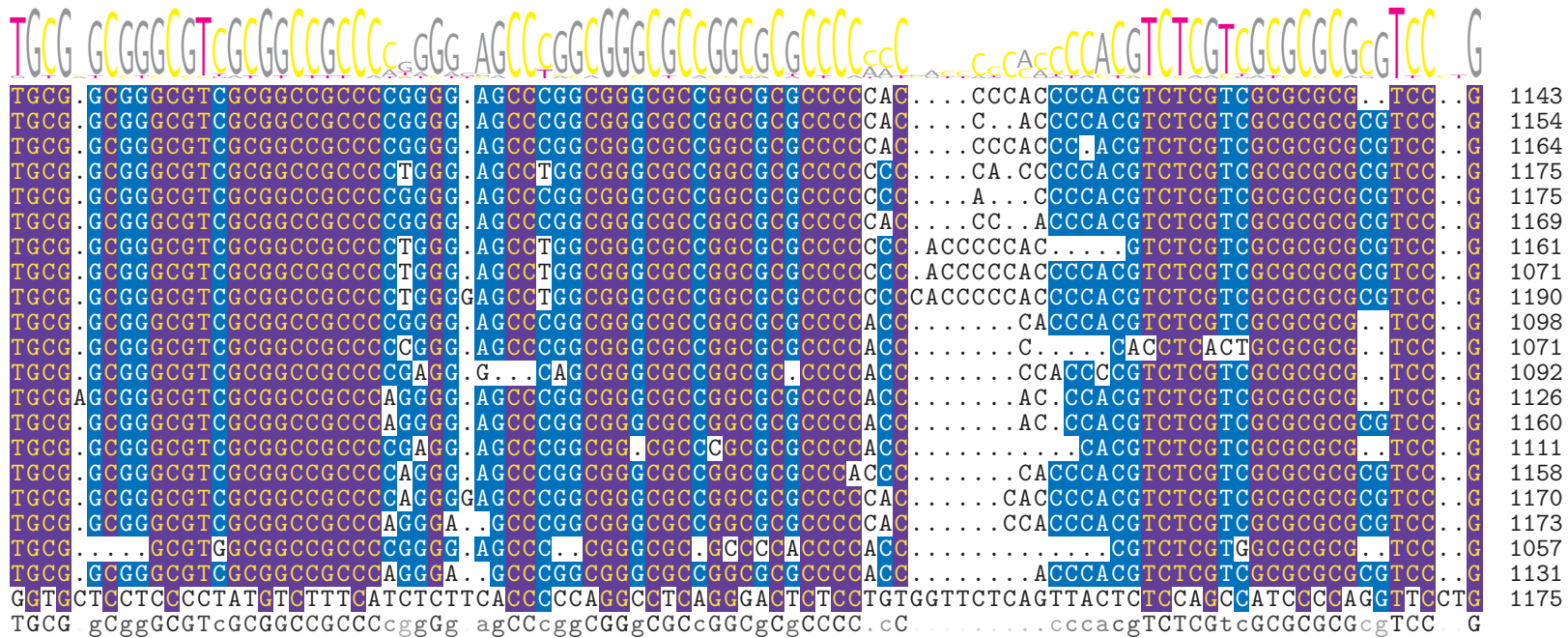
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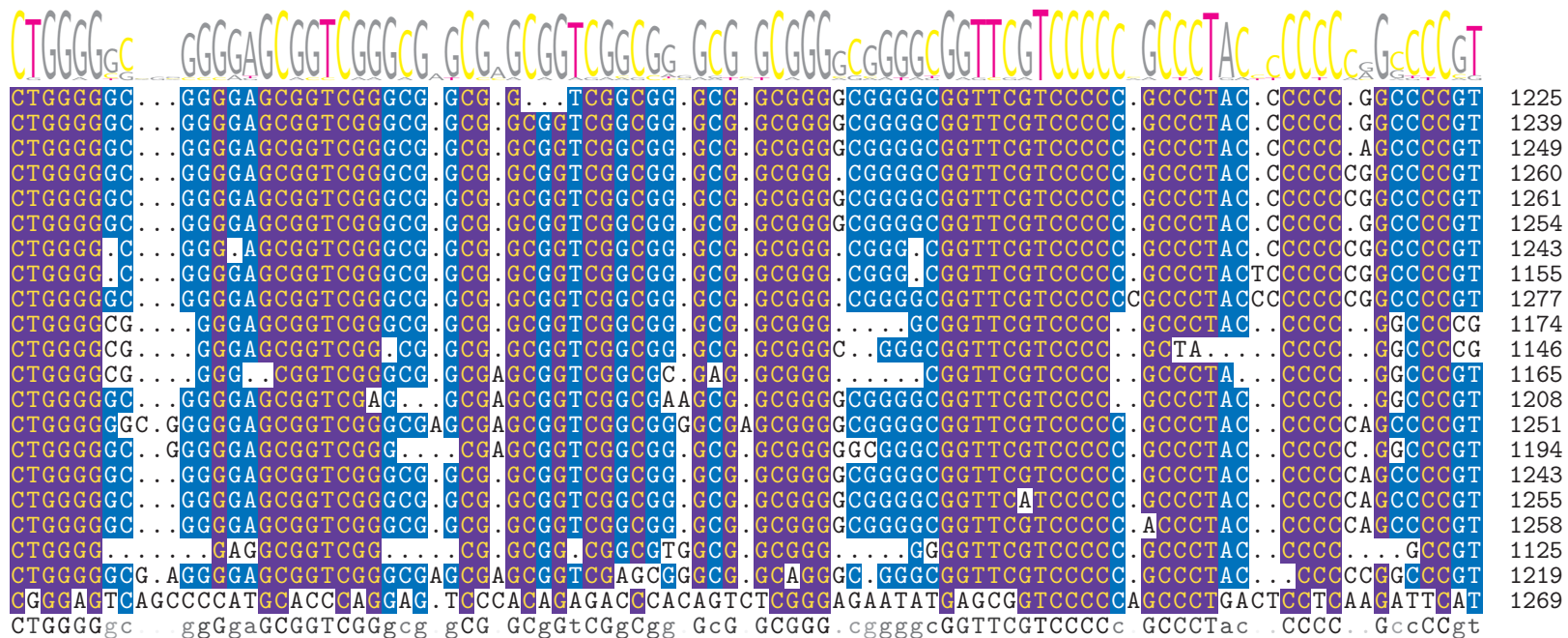
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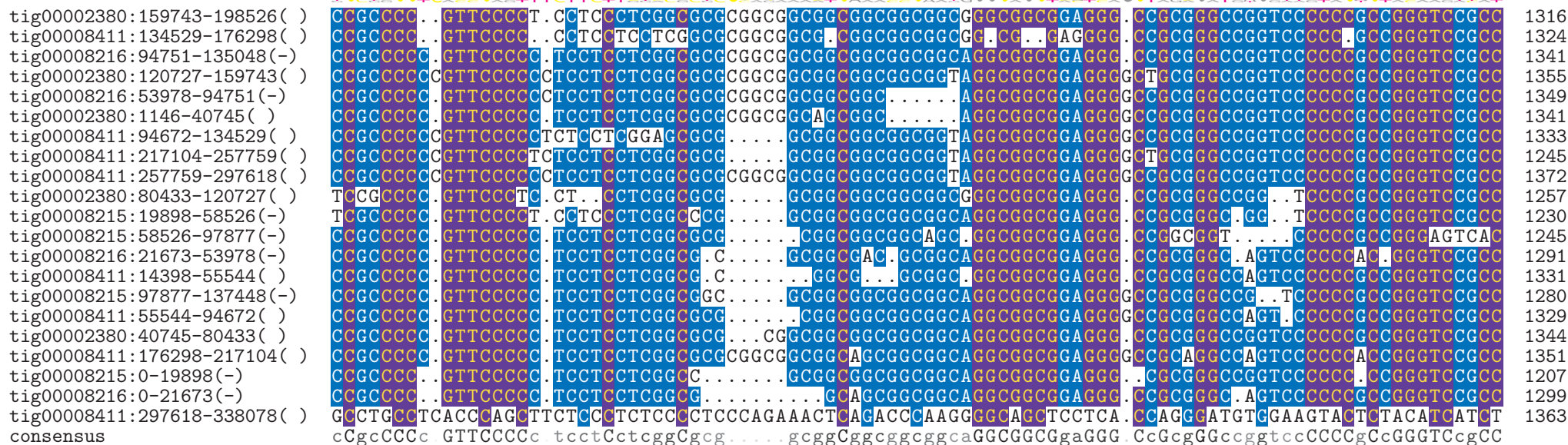
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tig00008411:297618-338078()
consensus



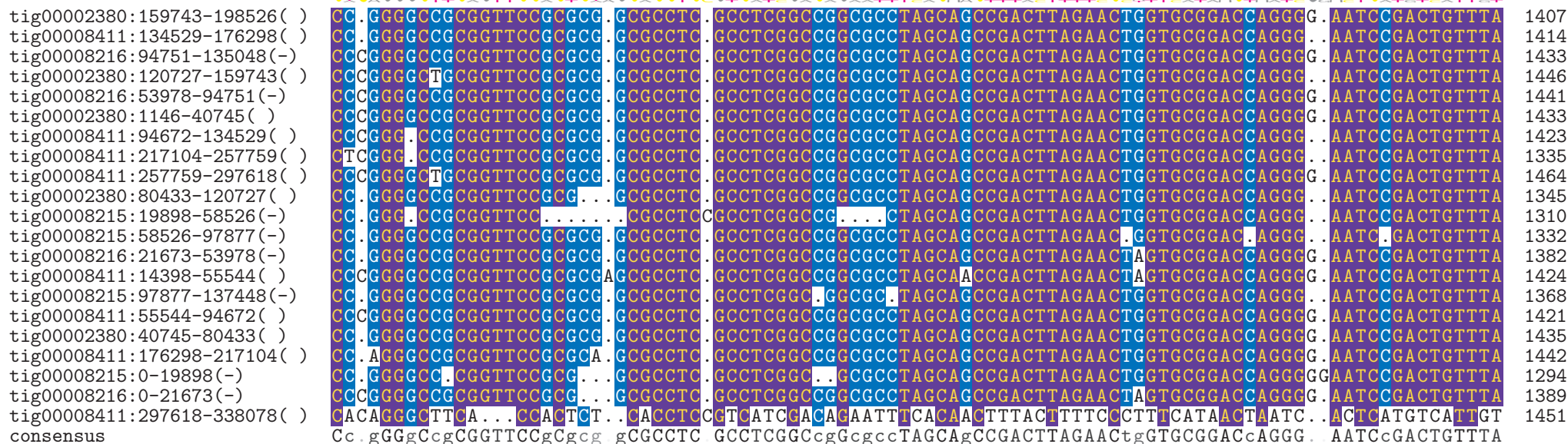
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consensus



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consensus	ATTAAAA	CAAA	GCATCGCGAAGGCCCGCG	GCGG	gTGTGACGC	GATGTGATTCTGCCcAGTGCTCTG	AATGTCAAAGTGAAGAAATTCA	

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consensus	ATGAaGCGCGG	GTaaacGGCGGGaGTA	AACTATGACTCTCTTAAGGTAGCCAAATGCC	TCGTCATCTAATTAGTGac	gCGCATGAATGGATG				

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tig00008216:94751-135048(-)	AACGAGATTCCCCTGTCCCTACCTA	CTATCCAGCGAAACCACAGCCAAGGGAACGGG	CTTGGCGGAATCAGCGGG	AAAG	AAGACCT	1703
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tig00002380:1146-40745()	AACGAGATTCCCCTGTCCCTACCTA	CTATCCAGCGAAACCACAGCCAAGGGAACGGG	CTTGGCGGAATCAGCGGG	AAAG	AAGACCT	1703
tig00008411:94672-134529()	AACGAGATTCCCCTGTCCCTACCTA	CTATCCAGCGAAACCACAGCCAAGGGAACGGG	CTTGGCGGAATCAGCGGG	AAAG	AAGACCT	1692
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tig00008411:257759-297618()	AACGAGATTCCCCTGTCCCTACCTA	CTATCCAGCGAAACCACAGCCAAGGGAACGGG	CTTGGCGGAATCAGCGGG	AAAG	AAGACCT	1734
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tig00008215:19898-58526(-)	AACGAGATTCCCCTGTCCCTACCTA	CTATCCAGCGAAACCACAGCCAAGGGAACGGG	CTTGGCGGAATCAGCGGG	AAAG	AAGACCT	1569
tig00008215:58526-97877(-)	AACGAGATTCCCCTGTCCCTACCTA	CTATCCAGCGAAACCACAGCCAAGGGAACGGG	CTTGGCGGAATCAGCGGG	AAAG	AAGACCT	1590
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tig00008215:0-19898(-)	AACGAGATTCCCCTGTCCCTACCTA	CTATCCAGCGAAACCACAGCCAAGGGAACGGG	CTTGGCGGAATCAGCGGG	AAAG	AAGACCT	1562
tig00008216:0-21673(-)	AACGAGATTCCCCTGTCCCTACCTA	CTATCCAGCGAAACCACAGCCAAGGGAACGGG	CTTGGCGGAATCAGCGGG	AAAG	AAGACCT	1661
tig00008411:297618-338078()	ACCTAGAAAGCCAGAGACCTCAGTGAGATC	CTCGCCAGTCTCTCTCACGTCTTACCACACAGC	CTTACGAACCTCTCTGTCTGTCCAGCTACT			1730
consensus	AACGAGATTCCCCTGTCCCTACCTA	CtatCCAGcgAAACCACAGCCAAGGGAACgGG	CTTGGCGGAATCAGCGGG	aa...	aAGacCCT	

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tig00008411:134529-176298()	TTTGAGCTTGACTCTAGTCTGGCACGGTGAAGAGACATGAGAGGTGTAGAATAAGTGGGAGGCC	CCGGCGCCCCC	GGTGTCCCCGCGAGGGG	1776
tig00008216:94751-135048(-)	TTTGAGCTTGACTCTAGTCTGGCACGGTGAAGAGACATGAGAGGTGTAGAATAAGTGGGAGGCC	CCGGCGCCCCC	GGTGTCCCCGCGAGGGG	1796
tig00002380:120727-159743()	TTTGAGCTTGACTCTAGTCTGGCACGGTGAAGAGACATGAGAGGTGTAGAATAAGTGGGAGGCC	CCGGCGCCCCC	GGTGTCCCCGCGAGGGG	1808
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tig00008216:1146-40745()	TTTGAGCTTGACTCTAGTCTGGCACGGTGAAGAGACATGAGAGGTGTAGAATAAGTGGGAGGCC	CCGGCGCCCCC	GGTGTCCCCGCGAGGGG	1796
tig00008411:94672-134529()	TTTGAGCTTGACTCTAGTCTGGCACGGTGAAGAGACATGAGAGGTGTAGAATAAGTGGGAGGCC	CCGGCGCCCCC	GGTGTCCCCGCGAGGGG	1785
tig00008411:217104-257759()	TTTGAGCTTGACTCTAGTCTGGCACGGTGAAGAGACATGAGAGGTGTAGAATAAGTGGGAGGCC	CCGGCGCCCCC	GGTGTCCCCGCGAGGGG	1694
tig00008411:257759-297618()	TTTGAGCTTGACTCTAGTCTGGCACGGTGAAGAGACATGAGAGGTGTAGAATAAGTGGGAGGCC	CCGGCGCCCCC	GGTGTCCCCGCGAGGGG	1829
tig00002380:80433-120727()	TTTGAGCTTGACTCTAGTCTGGCACGGTGAAGAGACATGAGAGGTGTAGAATAAGTGGGAGGCC	CCGGCGCCCCC	GGTGTCCCCGCGAGGGG	1703
tig00008215:19898-58526(-)	TTTGAGCTTGACTCTAGTCTGGCACGGTGAAGAGACATGAGAGGTGTAGAATAAGTGGGAGGCC	CCGGCGCCCCC	GGTGTCCCCGCGAGGGG	1654
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tig00008216:21673-53978(-)	TTTGAGCTTGACTCTAGTCTGGCACGGTGAAGAGACATGAGAGGTGTAGAATAAGTGGGAGGCC	CCGGCGCCCCC	GGTGTCCCCGCGAGGGG	1745
tig00008411:14398-55544()	TTTGAGCTTGACTCTAGTCTGGCACGGTGAAGAGACATGAGAGGTGTAGAATAAGTGGGAGGCC	CCGGCGCCCCC	GGTGTCCCCGCGAGGGG	1785
tig00008215:97877-137448(-)	TTTGAGCTTGACTCTAGTCTGGCACGGTGAAGAGACATGAGAGGTGTAGAATAAGTGGGAGGCC	CCGGCGCCCCC	GGTGTCCCCGCGAGGGG	1727
tig00008411:55544-94672()	TTTGAGCTTGACTCTAGTCTGGCACGGTGAAGAGACATGAGAGGTGTAGAATAAGTGGGAGGCC	CCGGCGCCCCC	GGTGTCCCCGCGAGGGG	1784
tig00002380:40745-80433()	TTTGAGCTTGACTCTAGTCTGGCACGGTGAAGAGACATGAGAGGTGTAGAATAAGTGGGAGGCC	CCGGCGCCCCC	GGTGTCCCCGCGAGGGG	1797
tig00008411:176298-217104()	TTTGAGCTTGACTCTAGTCTGGCACGGTGAAGAGACATGAGAGGTGTAGAATAAGTGGGAGGCC	CCGGCGCCCCC	GGTGTCCCCGCGAGGGG	1804
tig00008215:0-19898(-)	TTTGAGCTTGACTCTAGTCTGGCACGGTGAAGAGACATGAGAGGTGTAGAATAAGTGGGAGGCC	CCGGCGCCCCC	GGTGTCCCCGCGAGGGG	1652
tig00008216:0-21673(-)	TTTGAGCTTGACTCTAGTCTGGCACGGTGAAGAGACATGAGAGGTGTAGAATAAGTGGGAGGCC	CCGGCGCCCCC	GGTGTCCCCCTTGAAGG	1754
tig00008411:297618-338078()	CTTCCAAACACGCCCACATTTTCA	GCCCCAGTCAAGTTCCAGGATCCACGATCACCAC	AAGCTCCCACTTTTCACTGTGTTACTCCCAAGTCTC	1824
consensus	TTTGAGCTTGACTCTAGTCTGGCACGGTGAAGAGACATGAGAGGTGTAGAATAAGTgggAGGCC	ccggCGcCCCC	ggTGTcCCgcgagGGg	

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tig00002380:1146-40745()	..CCAGGGCGGGTCCGCG.CAGCCCTGCG.AGGCCGCGCGGTGAAATACCACTACTCTGATCGTTTTT.CACTGACCCGGTGAGG.CGGGGGGCGA	1885
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tig00002380:80433-120727()	...CAGGGCAGGGTCCAC..C.CTGC...GGGCCGTGGCT.....ACCACTACTCTGATCGTTTTT.CACTGACCCGGTGAGGC.....GG.GG	1776
tig00008215:19898-58526(-)	...CAGG..CGGGTCCGCG..GGCCCT...GGGCCGCGCGGTGAAATACCACTACTCTGATCGTTTTT.CACTGACCCGGTGAGGA.....GG.GA	1732
tig00008215:58526-97877(-)	...CAGGGCGAGTCCGG..C....CC...TGGCCGCGCGGTGAAATACCACTACTCTGATCGTTTTT.CACTGACCCGGTGAGG.....GGCGA	1760
tig00008216:21673-53978(-)	..CCAGGGCGAAGTCCGCG.CGGCCCTACGG.G.CCCGCGCGGTGAAATACCACTACTCTGATCGTTTTT.CACTGACCCGGTGAGGC..GGGGGGCGA	1833
tig00008411:14398-55544()	AGCCAGGGCGAGATCCGCG.CGACCCTACGGAGCCGCGCGGTGAAATACCACTACTCTGATCGTTTTT.CACTGACCCGGTGAGGCGGGGGGGCGA	1878
tig00008215:97877-137448(-)	...CAGGGCGAGTCCACTCGGCCCT...GGGCCGCGCGGTGAAAT..CCACTACTCTGATCGTTTTT.CACTGACCCGGTGAGGCGGGAGGGCGA	1814
tig00008411:55544-94672()	...CCAGGGCGAGTCCAT.AAGCCCTGCG.AGGCCGCGCGGTGAAATACCACTACTCTGATCGTTTTT.CACTGACCCGGTGAGGC..GGGGGGCGA	1871
tig00002380:40745-80433()	..CCAGGGCGAGTCCAT.AAGCCCTGCG.GGGCCGCGCGGTGAAATACCACTACTCTGATCGTTTTT.CACTGACCCGGTGAGGC..GGGGGGCGA	1885
tig00008411:176298-217104()	..CCAGGGCGGGTCCAC.CAGCCCTGCG.AGGCCGCGCGGTGAAATACCACTACTCTGATCGTTTTT.CACTGACCCGGTGAGGCGGGGGGGCGA	1894
tig00008215:0-19898(-)CGGCAGGGTCCGCG.CAGCCCTGCG.GGGCCGCGCGGTGAAATACCACTACTCTGATCGTTTTT.CACTGACCCGGTGAGG.....GGGCGA	1732
tig00008216:0-21673(-)	.GCCAGGGCGAGATCCGCG.CGGCCCTGCG.AGACCGCGCGGTG..GCTCTACTACTCTGATCGTTTTT.CACTGACCCGGTGAGGC.GGGGGGGCGA	1842
tig00008411:297618-338078()	TACCACGTGTTTATCTC.AAAACCTCAGGGAAGTCTCTGTCTGTCCGAGCTACTTTT..C.AAACCCTCGCTACATTTACAGAGGAGTCCGTTGCGAG	1916
consensus	..cCa.gg..gggtcc.c.c.gccctgc.gggCCGCGCGGTgaaataCcACTACTCTGATCGTTTTT CACTGACCCGGtGAGG...ggggGgcGa	

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tig00002380:159743-198526()	GCCCG..GAGGGCTCTCGTTCTAGCGCCAAAGCGCCCGGCCGCGCGCGCGGCCGGGGCGCGACCCGCTC..AGGGACAGTGCCAGGTGGGGAGTTTGA	1947
tig00008411:134529-176298()	GCCCGCAGGGGGCTCTCGTTCTGCGGCCAAAGCGCCCGGCCGCGCGCGCGGCCGGGGCGCGACCCGCTCC.GGGGACAGTGCCAGGTGGGGAGTTTGA	1959
tig00008216:94751-135048(-)	GCCCGC.GAGGGCTCTCGTTCTGCGGCCAAAGCGCCCGGCCGCGCGCGCGGCCGGGGCGCGACCCGCTCC.GAGGACAGTGCCAGGTGGGGAGTTTGA	1978
tig00002380:120727-159743()	GCCCGCAGGGGGCTCTCGTTCTGCGGCCTAAGCGCCCGGCCGCGCGCGCGGCCGGGGCGCGACCCGCTCC.GGGGACAGTGCCAGGTGGGGAGTTTGA	1989
tig00008216:53978-94751(-)	GCCCGCAGGGG..CTCTCGTTCTGCGGCCAAAGCGCCCGGCCGCGCGCGCGGCCGGGGCGCGACCCGCTCC.GGGGACAGTGCCAGGTGGGGAGTTTGA	1985
tig00008216:1146-40745()	GCCCG..GAGGGCTCTCGTTCTGCGGCCAAAGCGCCCGGCCGCGCGCGCGGCCGGGGCGCGACCCGCTCC.GGGGACAGTGCCAGGTGGGGAGTTTGA	1977
tig00008411:94672-134529()	GCCCGCAGGGGGCTCTCGTTCTGCGGCCTAAGCGCCCGGCCGCGCGCGCGGCCGGGGCGCGACCCGCTCC..GGGGACAGTGCCAGGTGGG..AGTTTGA	1962
tig00008411:217104-257759()	GCCCGCAGGGG..CTCTCGTT..GGCGCTAAGCGCCCGGCCGCGCGCGCGGCCGGGGCGCGACCTGCCCC..GGG..ACAGTGCCAGGTGGG..AGTTTGA	1862
tig00008411:257759-297618()	GCCCGCAGGGGGCTCTCGTTCTGCGGCCAAAGCGCCCGGCCGCGCGCGCGGCCGGGGCGCGACCCGCTCC..GGGGACAGTGCCAGGTGGGGAGTTTGA	2007
tig00002380:80433-120727()	GCGA.GCCCCGAGGGGCTCGCTGCGGCCAAAGCGCCCGGCCGCGCGCGCGGCCGGGGCGCGACCCCTC....CCGGACAGTGCCAGGTGGGGAGTTTGA	1864
tig00008215:19898-58526(-)	GCTC.GCTT.....CTGGCTGCGGCC.....CCGGCGCAGC..CGGC.GGGCGCGACCTC....G.GGACAGTGCCAGGTGGG..AGTTTGA	1804
tig00008215:58526-97877(-)	GCCCGCAGGGGGCTCTCGTTCTGCGGCCAAAGCGCCCGGCCGCGCGCGCGGCCGGGGCGCGACCCGCTCC..GAGGACAGTGCCAGGTGGGGAGTTTGA	1848
tig00008216:21673-53978(-)	GCCCGCAGGG..GCTCTCGTTCTGCGGCCAAAGCGCCCGGCCAGCGCGCGCGGCCGGGGCGCGACCCGCTCC.GGGGACAGTGCCAGGTGGGGAGTTTGA	1925
tig00008411:14398-55544()	GCCCGCAGGG..GCTCTCGTTCTGCGGCCAAAGCGCCCGGCCGCGCGCGCGGCCGGGGCGCGACCCG.....AGGACAGTGCCAGGTGGGGAGTTTGA	1965
tig00008215:97877-137448(-)	GCCCGCAGGG..GCTCTCGTTCTGCGGCCAAAGCGCCCGGCCGCGCGCGCGGCCGGGGCGCGACCCGCTCC..AGGACAGTGCCAGGTGGGGAGTTTGA	1893
tig00008411:55544-94672()	GCCCGCAGGGGGCTCTCGTTCTGCGGCCAAAGCGCCCGGCCGCGCGCGCGGCCGGGGCGCGACCCCTCC..GAGGACAGTGCCAGGTGGGGAGTTTGA	1962
tig00002380:40745-80433()	GCCCGCAGGG..GCTCTCGTTCTGCGGCCAAAGCGCCCGGCCGCGCGCGCGGCCGGGGCGCGACCCGCTCCGGGGACAGTGCCAGGTGGGGAGTTTGA	1979
tig00008411:176298-217104()	GCCCG..GAGGGCTCTCGTTCTGCGGCCAAAGCGCCCGGCCGCGCGCGCGGCCGGGGCGCGACCACTCC..AGGGACAGTGCCAGGTGGGGAGTTTGA	1985
tig00008215:0-19898(-)	GCCCGCAGGGGGCTCTCGTTCTGCGGCCAAAGCGCCCGGCCGCGCGCGCGGCCGG.....CGACCCGCCCC..GGGACAGTGCCAGGTGGGGAGTTTGA	1819
tig00008216:0-21673(-)	GCCCG..GAGGGCTCTCGTTCTGCGGCCA..GCG..CCGGCAGCGCGCGCGGCCGGGGCGCGACCAACTC..GAGGACAGTGCCAGGTGGGGAGTTTGA	1931
tig00008411:297618-338078()	GCAACGAGAAATCACCAACAACTCAACAA...TTTCACTGCGTTATCTCCAGTTTCTCTCATGTC....TTCAACCATCCCTCAGGGAATCTCTCC	2004
consensus	GCcC.gaggggctctcgcttctgGCGCcAagcgcCCGGCcGCGcgCGGCggggcgcgacccgc.c..g.GgACAGTGCCAGGTGGGgAGTTTGA	