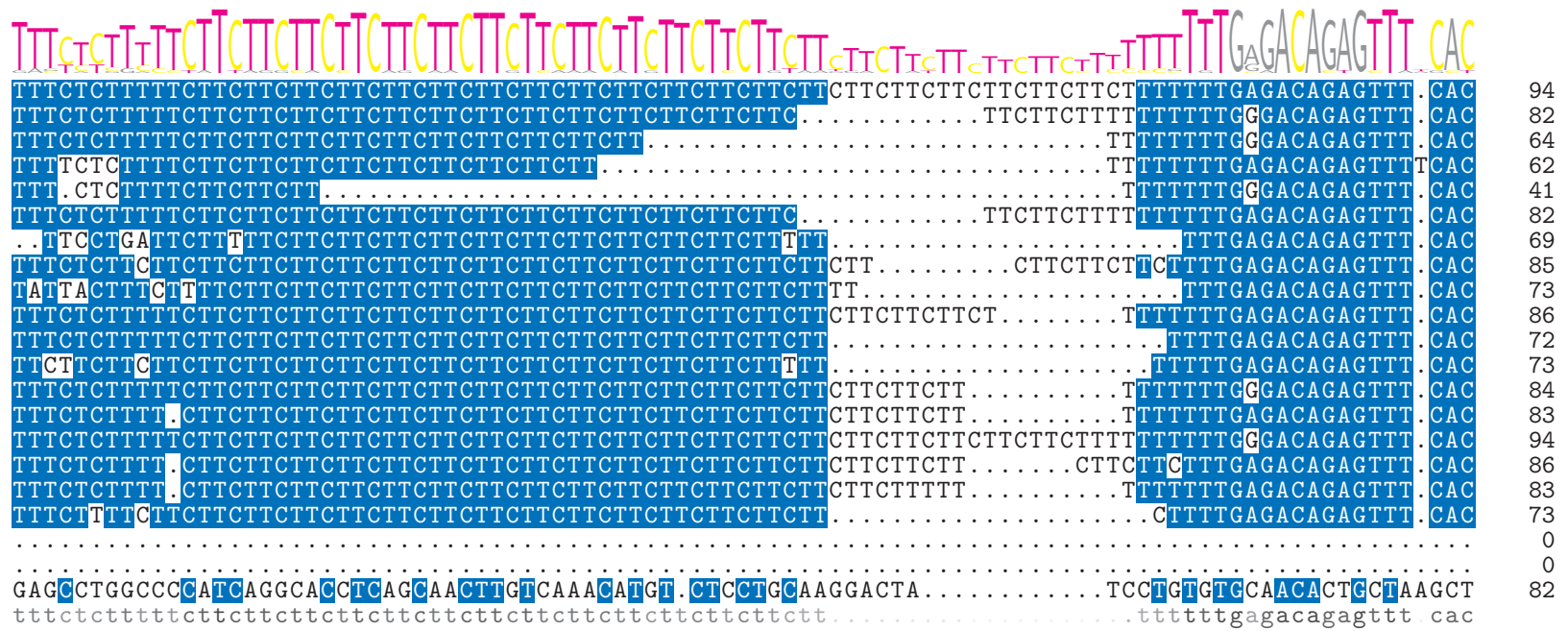
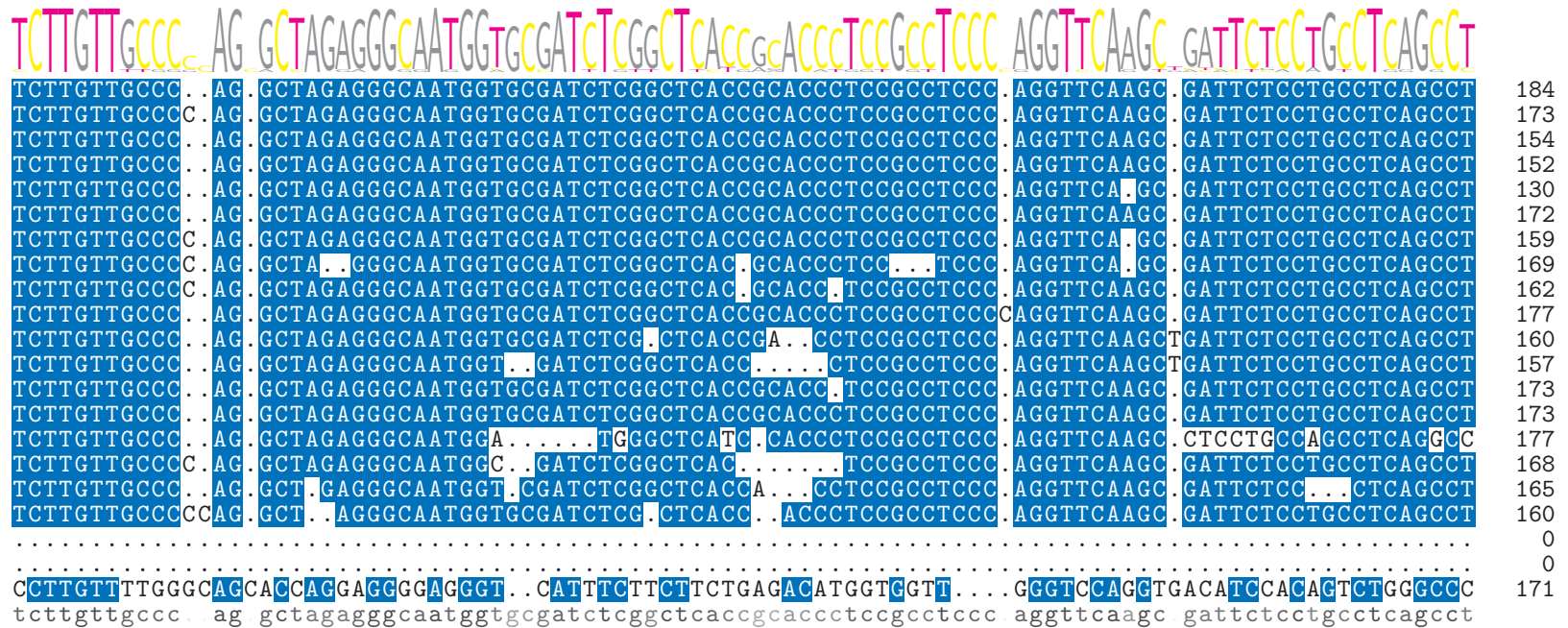


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tig00008216:94751-135048(-)
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tig00002380:1146-40745()
tig00008411:94672-134529()
tig00008411:217104-257759()
tig00008411:257759-297618()
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tig00008215:0-19898(-)
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tig00008411:297618-338078()
consensus



tig00002380:159743-198526()
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tig00008411:297618-338078()
consensus



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tig00002380:159743-198526()	CC	TGATTAGCTGGGATTACAGGCATGGG	CC	ACCGTGCCTGGCTGATGTT	GT	ACTTTTAGTAGAGCG	GTGTTTT	CCATGTTGGT	268
tig00008411:134529-176298()	CC	TGATTAGCTGGGATTACAGGCATGGG	CC	ACCGTGCCTGGCTGATGTT	GT	ACTTTTAGTAGAGCG	GTGTTTT	CCATGTTGGT	258
tig00008216:94751-135048(-)	CC	TGATTAGCTGGGATTACAGGCATGGG	CC	ACCGTGCCTGGCTGATGTT	GT	ACTTTTAGTAGAGCG	GTGTTTT	TCCATGTTGGT	239
tig00002380:120727-159743()	CC	TGATTAGCTGGGATTACAGGCATGGG	CC	ACCGTGCCTGGCTGATGTT	GT	ACTTTTAGTAGAGCG	GTGTTTT	TCCATGTTGGT	236
tig00008216:53978-94751(-)	CC	TGATTAGCTGGGATTACAGGCATGGG	CC	ACCGTGCCTGGCTGATGTT	GT	ACTTTTAGTAGAGCG	GTGTTTT	TCCATGTTGGT	216
tig00002380:1146-40745()	CC	TGATTAGCTGGGATTACAGGCATGGG	CC	ACCGTGCCTGGCTGATGTT	GT	ACTTTTAGTAGAGCG	GTGTTTT	TCCATGTTGGT	257
tig00008411:94672-134529()	CC	TGTTAA		GCTG				CTTTTCCATTTTGGT	188
tig00008411:217104-257759()	CC	TGATTAGCTGGGATTACAGGCATGGG	CC	ACCGTGCCTGGCTGATGTT	GT	ACTTTTAGTAGAGCG	GTGTTTT	TCCATGTTGGT	255
tig00008411:257759-297618()	CC	TGATTAGCTGGGATTACAGGCATGGG	CC	ACCGTGCCTGGCTGATGTT	GT	ACTTTTAGTAGAGCG	GTGTTTT	TCCATGTTGGT	254
tig00002380:80433-120727()	CC	TGATTAGCTGGGATTACAGGCATGGG	CC	ACCGTGCCTGGCTGATGTT	GT	ACTTTTAGTAGAGCG	GTGTTTT	TCCATGTTGGT	256
tig00008215:19898-58526(-)	CC	TGATTAGCTGGGATTACAGGCATGGG	CC	ACCGTGCCTGGCTGATGTT	GT	ACTTTTAGTAGAGCG	GTGTTTT	TCCATGTTGGT	240
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tig00008216:21673-53978(-)	CC	TGATTAGCTGGGATTACAGGCATGGG	CC	ACCGTGCCTGGCTGATGTT	GT	ACTTTTAGTAGAGCG	GTGTTTT	TCCATGTTGGT	257
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tig00008411:55544-94672()	CC	TGATTAGCTGGGATTACAGGCATGGG	CC	ACCGTGCCTGGCTGATGTT	GT	ACTTTTAGTAGAGCG	GTGTTTT	TCCATGTTGGT	250
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tig00008411:176298-217104()	CC	TGATTAGCTGGGATTACAGGCATGGG	CC	ACCGTGCCTGGCTGATGTT	TACT	TTTTAGTAGA	TTTTT	TCCATGTTGGT	239
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tig00008216:0-21673(-)									0
tig00008411:297618-338078()		..TGACCCCTT...TCACCTCTCAGCGGGAGCCCTTGAGACACACAGCTTCCC						TGTTGCTTGGG	243
consensus	cc	tgattagctgggattacagggcatggg	cc	accgtgcctggctgatggt	.t	cttttagtagag	.g	tttttccatggttgg	

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tig00008411:94672-134529()										188
tig00008411:217104-257759()	CA	GGCTGGTCTCC	CA	CTCCCAACCT	CAGGTGGTCC	CGCCTG	CGCCTT	AGCCTCC	CAAAGTGCTGGGATGACAGGCGTGAGCC	307
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tig00008215:19898-58526(-)	CA	GGCTGGTCTCC	CA	CTCCCAACCT	CAGGTGGTCC	CGCCTG	CGCCTT	AGCCTCC	CAAAGTGCTGGGATGACAGGCGTGAGCC	313
tig00008215:58526-97877(-)	CA	GGCTGGTCTCC	CA	CTCCCAACCT	CAGGTGGTCC	CGCCTG	CGCCTT	AGCCTCC	CAAAGTGCTGGGATGACAGGCGTGAGCC	311
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tig00008411:55544-94672()	CA	GGCTGGTCTCC	CA	CTCCCAACCT	CAGGTGGTCC	CGCCTG	CGCCTT	AGCCTCC	CAAAGTGCTGGGATGACAGGCGTGAGCC	295
tig00002380:40745-80433()	CA	GGCTGGTCTCC	CA	CTCCCAACCT	CAGGTGGTCC	CGCCTG	CGCCTT	AGCCTCC	CAAAGTGCTGGGATGACAGGCGTGAGCC	321
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tig00008216:0-21673(-)										0
tig00008411:297618-338078()	AGTCTACCTA	CTACATTATTA		CAGCCA	GATCAGGAT	CAATGT	CCTC		290
consensus	ca	ggctggctctcc	ctcccaacct		caggtggtc	cgctg	cgctt	gcctcc		

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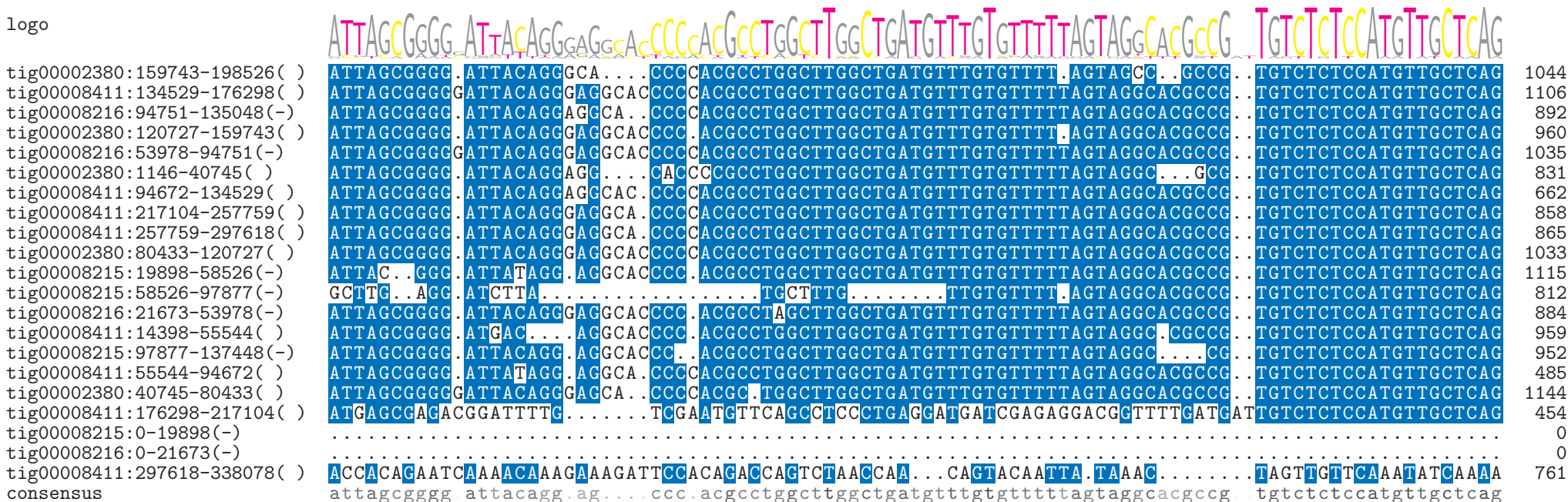
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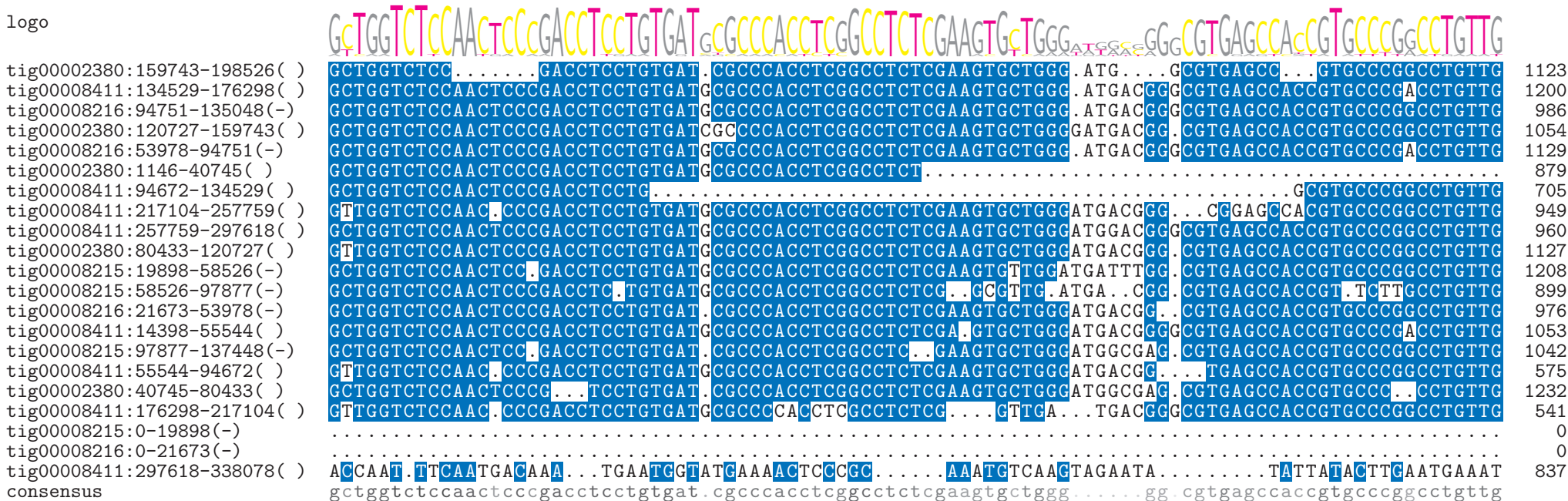
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tig00008215:0-19898(-)	0																							
tig00008216:0-21673(-)	0																							
tig00008411:297618-338078()	AAA	ATACA	T	AAAA	GT	TTT	TA	A	GCTT	TT	G	A	CCT	C	AAAA	TTT	A	C	A	G	T	A	G	C	A	A	G	CT	A	CT	C	G	T	A	A	T	A	A	A	678
consensus																																												

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tig00008216:94751-135048(-)	ACTCATTTCGCTTTT	TATTTCTTT	.CGTTTCCACGC	.GTTTGCTTATATGTATTAATGTAAA	.CGTTTCTGTACG	.CTTATATGCAAAACAACGA	1077
tig00002380:120727-159743()	ACTCATTTCGCTTTT	..ATTTCTTT	.CGTTTCCACGC	.GTTTGCTTATATGTATTAATGTAAA	.CGTTTCTGTACG	.CTTATATGCAAAACAACGA	1143
tig00008216:53978-94751(-)	ACTCATTTCGCTTTT	TATTTCTTT	.CGTTTCCACGC	.GTTTGCTTATATGTATTAATGTAAA	.CGTTTCTGTACG	.CTTATATGCAAAACAACGA	1221
tig00002380:1146-40745()ATTTCTGCTTTT	..ATTTCTTT	.CGTTTCCACGC	.GTTTACTTATATGTATTAATGTAAAG	.CGTTTCTGTGCG	.CTTATATGCAAAACAGCGA	964
tig00008411:94672-134529()	ACTCATTTCGCTTTT	..ATTTCTTT	.CGTTTCCACGC	.GTTTACTTATATGTATTAATGTAAA	.CGTTTCTGTACG	.CTTATATGCAAAACAACGA	732
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tig00008215:58526-97877(-)	ACTCATTTCGCTTT	..ATTTCTTT	.CGTTTCCACGC	.GTTTACTTATATGTATTAATGTAA	.CGTTTCTGTACG	.CTTATATGCAAAACAACGA	981
tig00008216:21673-53978(-)	ACTCATTTCGCTTTT	..ATTTCTTT	.CGTTTCCACGC	.GTTTACTTATATGTATTAATGTAA	.CGTTTCTGTACG	.CTTATATGCAAAACAACGA	1066
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tig00008215:97877-137448(-)	ACTCATTTCGCTTTT	..ATTTCTTT	.CGTTTCCACGC	.GTTTACTTATATGTATTAATGTAAAG	.CGTTTCTGTGCAA	.CTTATATGCAAAACG.CGA	1134
tig00008411:55544-94672()	ACCCATTTCGCTTTT	..ATTTCTTT	.CGTTTCCACGC	.GTTTACTTATATGTATTAATGTAAA	.CGTTTCTGTACG	.CTTATATGCAAAACAACGA	666
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consensus	actcatttcgctttttt	atTTcTTT	cgTTTccacgc	gTTTactTatAtgtatTaatgttaa	cgTTTctgt	cg ctttatatgcaaacaacga	

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tig00008216:21673-53978(-)	CAACGTGTATCTCTGCATTGAATACTCTTGCGTATGGTAAATACGTATCGGTTGTA	..TGGAATAGACTTCTGTATGATAGATGTAGGTGTTTG	1159
tig00008411:14398-55544()	CAGCGTGTATCTCTGCATT	1164
tig00008215:97877-137448(-)	CAACGTGTATCTCTGCATTGAATACTCTTGCGTATGGTAAATACGTATCGGTTGTA	..TGGAATAGACTTCTGTATGATAGA	1215
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tig00008411:176298-217104()	CAACGTGTATCTCTGCATTGAATACTCTTGCGTATGGTAAATACGTATCGGTTGTA	..TGGAATAGACTTCTGTATGATAGATGTAGGTGTTTG	726
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tig00008216:0-21673(-)	0
tig00008411:297618-338078()	TAAATGTTTATTAATTTGGCAAGCTATTCACTGGAACACAAGATATTTCTTAATGAAGTCGAAAATATATTTTAAATGTTAC.TGAAGTGCATTATTA	1002
consensus	caacgtgtatctctgcattgaataactcttgcgatggttaaatacgtatcggttgta	tggaatatagacttctgtatgatagatgttaggtgtttg	

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tig00008411:94672-134529()	TGTTATACAAATAAAA.TACACATCGCTCTATAAAA....GAA	GGGATCGTCGA	TAAAGGCGTTTTATTTTAT	TGG.CGTCTGATTTTTATGTGTG	TA913		
tig00008411:217104-257759()	TGTTATACAAATAAAA.TACACATCGCTCTATAAAA....GAA	GGGATCGTCGA	TAAAGACGTTTATTTT.ACGA.TATGGCGTCGTAT	.TGTGTAT	1219		
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tig00008215:19898-58526(-)	TGTTATACAAATAAAA.TACACATCGCTCTATAAAA....GAA	GGGATCGTCGA	TAAAGGCGTTTTATTTCTGAT	TGGCGTCATGTTTATGTATG	TA1473		
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tig00008215:97877-137448(-)	1215		
tig00008411:55544-94672()	TGTTATACAAATAAAA.TACACATCGCTCTATAAAA....GAA	GGGATCGTCGA	TAAAGACGTTTTTATTTT.TATGAAA....	TGTGTAT	837		
tig00002380:40745-80433()	TGTATACAAATAAAA.TACACATCGCTCTATAGA....A	GGGATCGTCGA	TAAAGGCGTTTTTTCACGTAT	TGAAA.GCGTCGTATTGTATT	1495		
tig00008411:176298-217104()	TGTTATACAAATAAAA.TACACATCGCTCTATAAAA....GAA	GGGATCGTCGA	TAAAGACGTTTATTTTACGTAT	GAAAAGCGTCGTATTATATG	TG816		
tig00008215:0-19898(-)	0		
tig00008216:0-21673(-)	0		
tig00008411:297618-338078()	AA..AAATAAATGAGGACATGAATAACTTTTAAAA	GTATTCTGGGAT	TAA..AGAGAGAAAAATAAATTTAGATT	TT.....CATACATA	TA1080		
consensus	tgttatatacaaaataaaa.taca.atcgctctataaaa....gggatcgcg...taa....ttt	ttt	ttt	tt	tt	tt	tt

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tig00008411:134529-176298()	TGTA	AATGGG..CAGGCGTA	CGTAGTTAT	...	CTCTGTTTTCTTT	CTTCCTCTCCTTC	GTGT	TTT	...	CTTCCTTCC	TTT	CTTCCTTTCTCTCCTT	1562	
tig00008216:94751-135048(-)	TGTA	AATGAA..CGAGCGT	CGTAGTTAT	...	CTCTGTTTTCTTT	CTTCCTCTCCTTC	GTGT	TTT	...	CTTCCTTCC	TTT	CTTCCTTTCTCTCCTT	1347	
tig00002380:120727-159743()	CTT	CTTTCTTCTCTTCTCT	CTTCTTTT	AGGT	TTTCTCTCT	CTTCCTTTCTCTT	TTTC	CTT	CTTTC	TTT	CTTCCTTTCTCTCCTT	1422		
tig00008216:53978-94751(-)	TGTA	AATGGG.CTTGGCGTG	CGTAGTTAT	...	CTCTGTTTTCTTT	CTTCCTCTCCTTC	GTGT	TTT	...	CTTCCTTCC	TTT	CTTCCTTTCTCTCCTT	1493	
tig00002380:1146-40745()	TGT	.....GTTAT	.....	...	CTCCTTTCTCTCT	CTTTTCTTCT	CTTCTCTT	...	CTTCCTTTT	CTCTTCTT	TTCTTCTCTT	1192
tig00008411:94672-134529()	AATG	AGCGGC.....GT	CGTAGTTAT	...	CTCTGTTTTCTTT	CTTCCTCTCCTTC	CTTCCTTCC	TTT	CTTTCTCTTCTTCTT	988		
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tig00008411:257759-297618()	CGTTCTCT	CGTGT	TTT	CTTC	TTT	CTTCCTTTCTCTCCTT	1196		
tig00002380:80433-120727( )	.....	.....	CGTCTGTTAT	...	CTCT...TTCTT	CTTCCTCTCTT	CGT	TTT	CTTCT	CTTCTT	CTTCCTTTCTCTCCTT	1423
tig00008215:19898-58526(-)	AA	TGAGCGAA.....GCGT	ATAGTTAT	...	CTCTGTTTTCTTT	CTTCCTCTCTT	CGTGT	TTT	CTTCT	CTTCTT	CTTCCTTTCTCTCCTT	1558		
tig00008215:58526-97877(-)	AA	TGACGAGC....GTCA	CGTAGTTAT	...	CTCTGT..TTCTT	CTTCCTCAGT..GT..	TTTCTTCT	CTTCTT	...	CTTCTTTCTCTCCTT	...	1233		
tig00008216:21673-53978(-)	TG	TAATGAGC..AGGCGT	CGTAGTTAT	...	CTCTGTTTTCTTT	CTTCCTCTCCTTC	GTGT	TTT	CTTCT	CTTCTT	CTTCCTTTCTCTCCTT	1336		
tig00008411:14398-55544( )	.....	.....	CGTAGTTAT	...	CTCTGTTTTCTTT	CTTCCTCTCCTTC	GTGT	TTT	CTTCT	CTTCTT	CTTCCTTTCTCTCCTT	1233
tig00008215:97877-137448(-)	.....	.....	TGTAGGTGT	...	TTGTGTTTATACAA	ATAAAATACAT	CGTCT	TTT	ATAAAGAGATCG	TCGATAAAGG	CGTTTA	1285
tig00008411:55544-94672()	AA	TGAGCG.....AGTTAT	.....	...	CTCTGTTTTCTTT	CTTCCTCTCCTTC	GTGT	TTT	CTTCT	CTTCTT	CTTCCTTTCTCTCCTT	913
tig00002380:40745-80433()	AT	TAATAAATG..GCAATG	CGTAGTTAT	...	CTCTGTTTTCTTT	CTTCCTCTCCTTC	GTGT	TTT	TTCT	CTTCTT	CTTCCTTTCTCTCCTT	1580		
tig00008411:176298-217104()	TG	TAATGAA.....	CGTAGTTAT	...	CTCTGCTTTTCTT	CCTCTCCTTC	GTGT	TTT	TTCT	CTTCTT	CTTCCTTTCTC..CTT	892	
tig00008215:0-19898(-)	.....	.....	.....	...	.....	.....	.....	.....	.....	.....	.....	0
tig00008216:0-21673(-)	.....	.....	.....	...	.....	.....	.....	.....	.....	.....	.....	0
tig00008411:297618-338078()	CA	TAATAATAT.....ATTTT	TAAAGT	TGTG	TTTCT	TGGTTG	CTCAAA	TAAAGGAGC..	AGA	TATT	TAAATTC	ATGCCTTT	CAT	1158
consensus	..t.a.....	cgtagttat	...	ctctgTTTT.ttt	cttcctctccttc...	ttt	..t.c.t.c.t.t	cttcctttctctcctt	

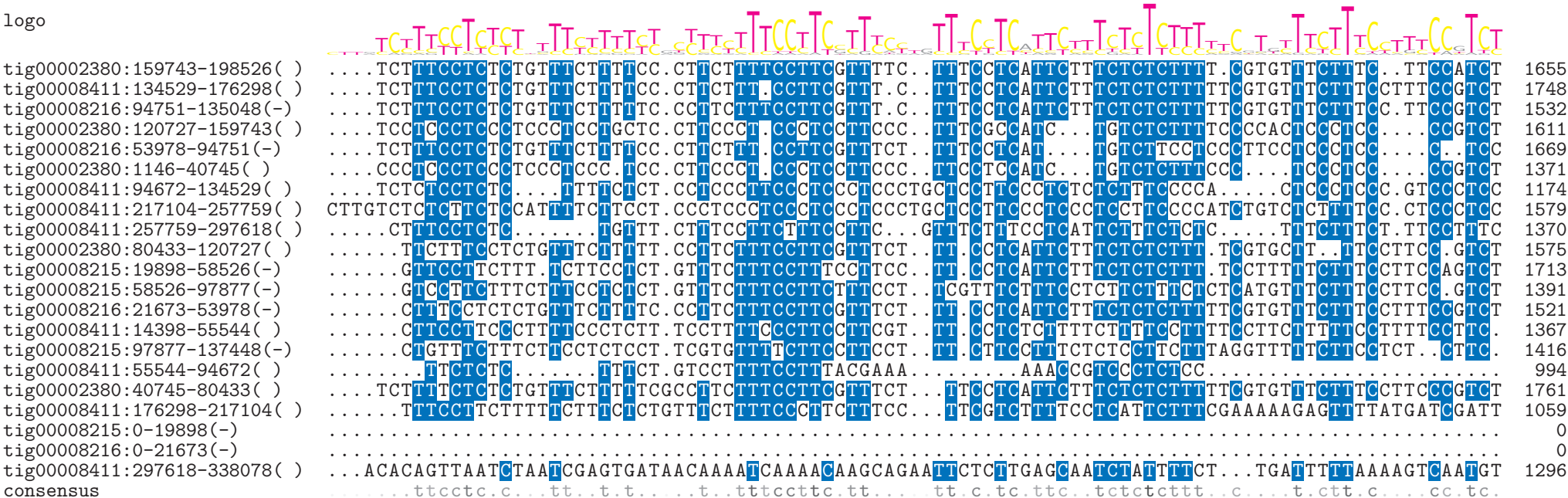
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tig00008411:134529-176298()	CTTTAGG. TTTTCTTCCTCTCTTCCTTT	CTTCCTTT	CTCTCT	1603
tig00008216:94751-135048(-)	CTTTAGG. TTTTCTTCCTCTCTTCCTTT	CTTCCTTT	CTCTCT	1388
tig00002380:120727-159743()	ATTTCTC. TTTTCGTTCCCTGTGTTTCCT	TCTTTTCT	TTTCCT	1463
tig00008216:53978-94751(-)	CTTTAGG. TTTTCTTCCTCTCTTCCTTT	CTTCCTTT	CTCTCT	1534
tig00002380:1146-40745()	CCCTTCCT. TCCCTTCCTTCTTTTCTTC	CTTCCTTT	CCTTCT	1233
tig00008411:94672-134529()	TCCTT. TTTCTTCCTCTCTTCCTTT	CTTCCTTT	CTCTTCCTTCCTTTTCT	1038
tig00008411:217104-257759()	CTTTAGGT TTTTCTTCCTCTCTTCCTTT	CTTCCTTT	ATTTCTCTTTTCGTTCTGTGTTTCCTTCCTTTTCT	1395
tig00008411:257759-297618()	CTTTAGGT TTTTCTTCCTCTCTTCCTTT	CTTCCTTT	CTCTCT	1238
tig00002380:80433-120727()	CTTTTT. TCTTCCTCTTCCTTTTCCTTT	TTTTCCT	CCTTCC	1463
tig00008215:19898-58526(-)	CTTTAGG. TTTTCTTCCTCTCTTCCTTT	CTTCCTTT	CTCTCT	1599
tig00008215:58526-97877(-)	CT. GGT. TTTTCTTCCTCTCTTCCTTT	CTTCCTTT	CTCTCT	1272
tig00008216:21673-53978(-)	CTTTAGG. TTTTCTTCCTCTCTTCCTTT	CTTCCTTT	CTCTCT	1377
tig00008411:14398-55544()	CTTTAGG. TTTTCTTCCTCTCTTCCTTT	CTTCCTTT	CT	1261
tig00008215:97877-137448(-)	TTTCACG. ATATGGCGTCGTATGTGTG	CTTCCTTT	T	1312
tig00008411:55544-94672()	CTTTAGGT TTTTCTTCCTCTCTTCCTTT	CTTCCTTT		941
tig00002380:40745-80433()	CTTTAGG. TTTTCTTC. CTCTTCCTTT	CTTCCTTT	CTCTCT	1619
tig00008411:176298-217104()	CTTTAGGT TTTTCTTCCTCTTTCTTCCTTT	CTTCCTTT	CTCT	931
tig00008215:0-19898(-)	0
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consensus	cttta.g ttttcttcctctcttccttt	cttccttt	tct	

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tig00008216:94751-135048(-)	TTCTGTCCTTT. TTTTCCTTCGTGC. TTTATTTCTCTT. TCGTTCCTG	TGTTT. CCTTCCTTT	1446
tig00002380:120727-159743()	CTCTGTTTTCAGA. AGTTTACTTTTGTGTATCTACGTTTTCTAAAATTGTCTCTC	TTTTCTCCATTCTCT	1531
tig00008216:53978-94751(-)	TTCTGTCCTTT. TTTTCCTTCGTGC. TTTATTTCTCTT. TCGTTCCTG	TGTT. TCCTTCCTTT	1592
tig00002380:1146-40745()	TTCTCTCTTTT. TCTTTCCTTCCTTTCTTTTCTTTTCTTT. TCTTTTCCAT	TGTCTCTCATTCTCT	1296
tig00008411:94672-134529()	TTCTCTTTCTTTT. TCCTTCCTTTTCTTTCTTT. TCT. TTCTTTTCT	TCCTTTCTTTCTTT	1094
tig00008411:217104-257759()	CTCTGTTCTTTTCCTTCTTTCCTTCGTTTCTTTCTTCATTCT. TTCTCTCTT	TTGTTTCTTTCTTTTCCGTCTGTCCAGATTTTACTTTGAT	1486
tig00008411:257759-297618()	TTCTGTCCTTTT. TCCTTCGTGCTTTTATTTCTCTT. TCGTTCCTG	TGTTTCTTTCTTTCTTT	1297
tig00002380:80433-120727()	TTTTCCTTCCTTCG. TTCTCT. GTGTTCTTT. CTTT	CTTT	1494
tig00008215:19898-58526(-)	TTCTGTCCTTCCT. TCCTT. CTTCTCTT. CCTT	CTTT	1630
tig00008215:58526-97877(-)	TTCTGTCCTTTCT. TCCTT. ATTTCTCTTAGTTCCT	CTTT	1306
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tig00008411:14398-55544()	TTCTTCCTTTT. CCTTCCCTTT	CTTT	1283
tig00008215:97877-137448(-)	AAATGAGCGTAC. GTAGTTATCT	CTTT	1334
tig00008411:55544-94672( )	..... TCCTT. TAGTTCCTTCCTGTTTCCT	CTTT	948
tig00002380:40745-80433()	TTCTGTCCTTTT. TCCTTGGGTGCTTTATTTCTCTT. TAGTTCCTTCCTGTTTCCT	CTTT	1673
tig00008411:176298-217104()	TTCTGTCCTTTT. TCCTTCAGGT. TTTATTTCTCTTCGTTCCTG	CTTT	973
tig00008215:0-19898(-)	.....	.....	0
tig00008216:0-21673(-)	.....	.....	0
tig00008411:297618-338078()	CACCTGACATTTTA. TACTG	CTTT	1207
consensus	ttctgtccttt. tcctt. t. t.	cttccttt	

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