

CGGTGGTGGGCCCG<mark>CG</mark>GGGGAGTCCCGTCGG<mark>GAG</mark>GGCCTTTACCCGGCCGCCGTCCACCCCCGCTGCCCTCAGTGCTTGGC.GGGTTTGGG

CGGTGGTGGGCCCGcgGGGgAgTCCcGTCGG agGGgCccggcCC tCCcGCGCTCCACCGCGGACTCCGCTCCCcGGCcgGGccgcG

. GAGGGCCCGGCCCC<mark>T</mark>CCCGCGCCCTCCACCGCGGACTCCGCTCCC

.TCCCGCGCCTCCACCGCGGACTCCGCTCCCCGGCCGGGCCGCG

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GGG<mark>G</mark>CGGTGGTGGGCCCG<mark>CG</mark>GGG<mark>GAG</mark>TCCCGTCGG

tig00008411:55544-94672()

tig00002380:40745-80433()

tig00008215:0-19898(-)

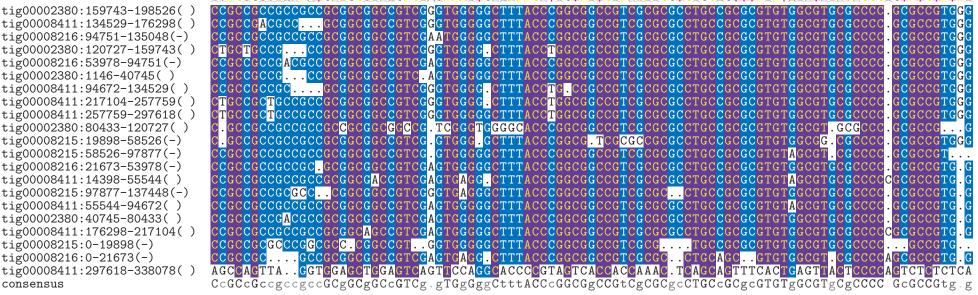
tig00008216:0-21673(-)

consensus

tig00008411:176298-217104()

tig00008411:297618-338078()





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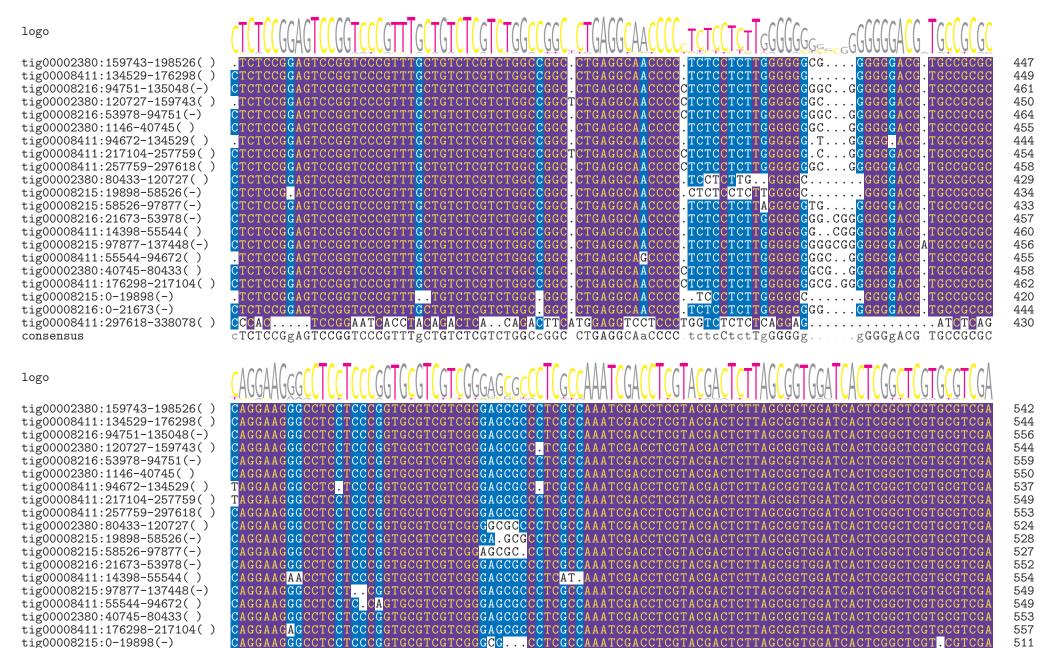
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logo

consensus

tig00002380:159743-198526() tig00008411:134529-176298() $\mathtt{CCCA}_{\mathsf{GGCGCCTGTGGGGTGTGTCCGCCCCCCCCCCCGGGTG}$. $\mathtt{GGCGCGCGCGCGCCCTC}$ tig00008216:94751-135048(-) GGGCGGGAACCCCGGGCCCCTGTGGG.TGGTGTCCGCCCTC tig00002380:120727-159743() GCGTG. GGCGGCGCGCCTC tig00008216:53978-94751(-) ${ m CCCAGGCGCCTGTGGG\overline{G}TGGTGTCGGGGCTCGCC\overline{C}C}$. ${ m GCGTG}$. ${ m GCGGCGCGCGCGCCCTC}$ CCCAGGCGCCTGTGGGGTGGTGTCCGCGCTCGCCCC<mark>C.</mark>GCGTG.GGCGCGCGCGCGCCCTC tig00002380:1146-40745() tig00008411:94672-134529() tig00008411:217104-257759() .TGGTGTCCGCGCTCGCCTC... CGGGAACCC<mark>C</mark>GG<u>C</u>CCCTGTGGG.TGGTGTCCGCGCTCGC<mark>T</mark>CC...CCG<mark>C</mark>GTGGCGGCGCGCCCCC tig00008411:257759-297618() CGGGAACCCCGG.CGCCTGTGGGGTGTGCCGCGCCCCCG..CGTG tig00002380:80433-120727() tig00008215:19898-58526(-) GGGCGGGAACCCCGGGCCCTGTGGGGTGGTGTCCGCGCTCGC.....GCGTG..<mark>GTGGC</mark>GCGCC<mark>C</mark>CTC....CC<mark>GT</mark>GGTGTGAAACCTTCCGACCC tig00008215:58526-97877(-) tig00008216:21673-53978(-) tig00008411:14398-55544() tig00008215:97877-137448(-) tig00008411:55544-94672() $\mathtt{GG}^{\mathtt{GG}}_{\mathtt{GG}}$ $\mathtt{A}^{\mathtt{GCCCA}}_{\mathtt{GG}}$ $\mathtt{GGCCCTGTGGGGTGTGTCCGCCCCCCCCCC}$ \mathtt{GCGTG} . $\mathtt{GCGGCGCGCCCTC}$ tig00002380:40745-80433() <mark>GGCAGGAAC</mark>CCCC<mark>AGG</mark>CGCCTGTGGGGTGGTGTCCGCGCTCGCCCCC<mark>CC</mark>GCGTG.G<u>GCCGCGCGCCCTC</u> tig00008411:176298-217104() <mark>.CGGGAA</mark>CCC<mark>C</mark>G.CGCCTGTGGGGTGTGTC.GCGCTCGCCCCC.GCGTG.......GTG.GCCTC<mark>C</mark>CTCCCGGTGTGAAACCTTCCGACCC tig00008215:0-19898(-) tig00008216:0-21673(-) TATCTTCACCCCCAGCCCCTGGGACTCTCCTGTCTGTCCCAGCTACT......CTCCCACCACGCCCAGATTTCAGAGGGAGTCAGCCT tig00008411:297618-338078() ${\tt Gg.cggAaCCCc.GgCGCCTGTGGGgTGGTGTCcGCGCTCGCccC.gCGtG}$



CAGGAAG<mark>AA</mark>CCTCCTCCCGGTGCGTCGGCG<mark>AGCCC</mark>CCTCGCCAAATCGACCTCGTACGACTCTTAGCGGTGGATCACTCGGCTCGTGGCGCG

CCCACAGGGGACTCTT......GTGTCTCTGTCAGC.TACTCTCAAAA.....CTTCTCTAGATTCTAGCTG.GAGTCA...GTTCCAGGGTACCCA

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tig00008216:0-21673(-)

consensus

tig00008411:297618-338078()



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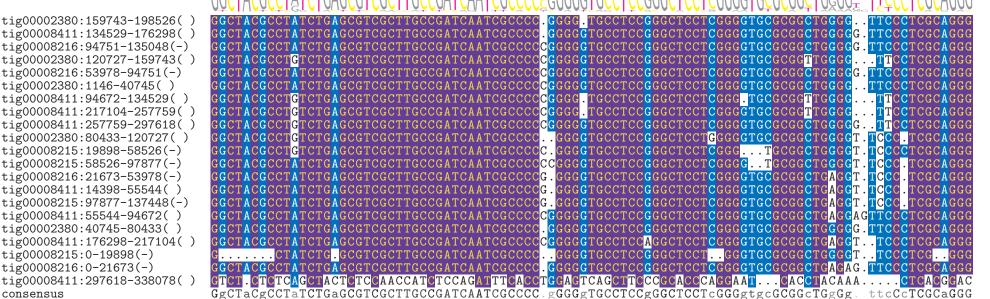
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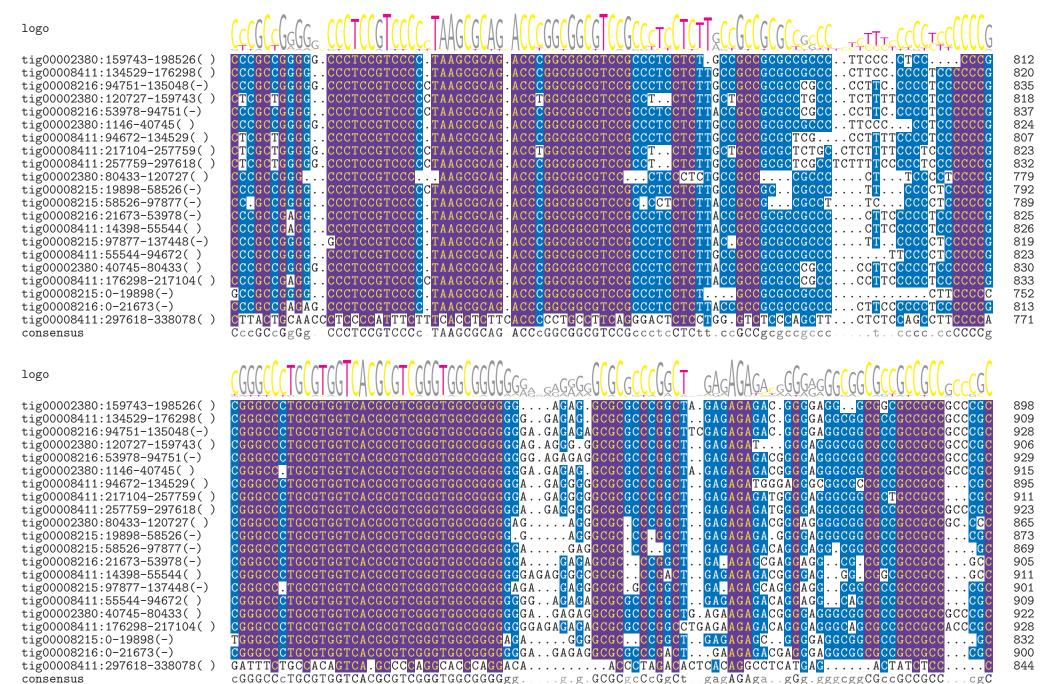


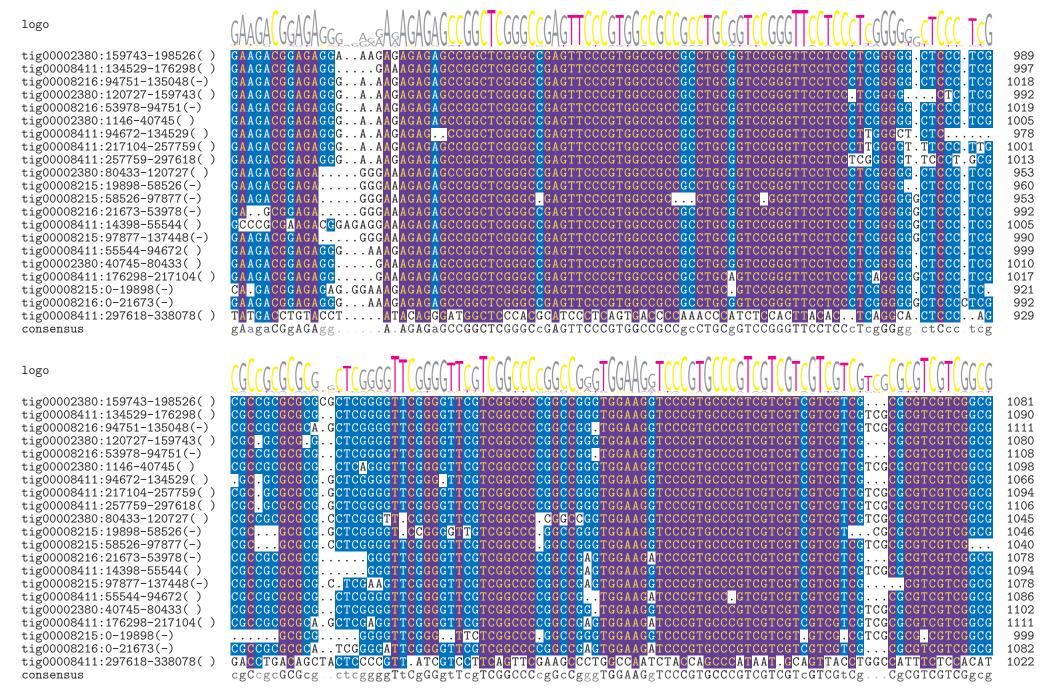
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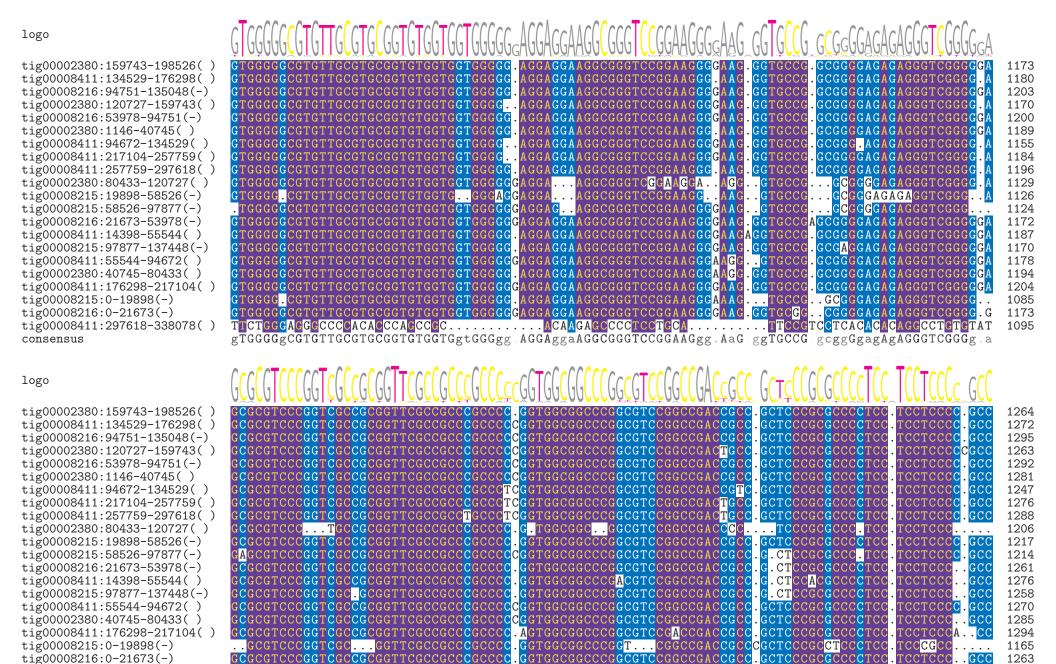
CGGGTTCCTCCC

GGGTTCCTCCCGG









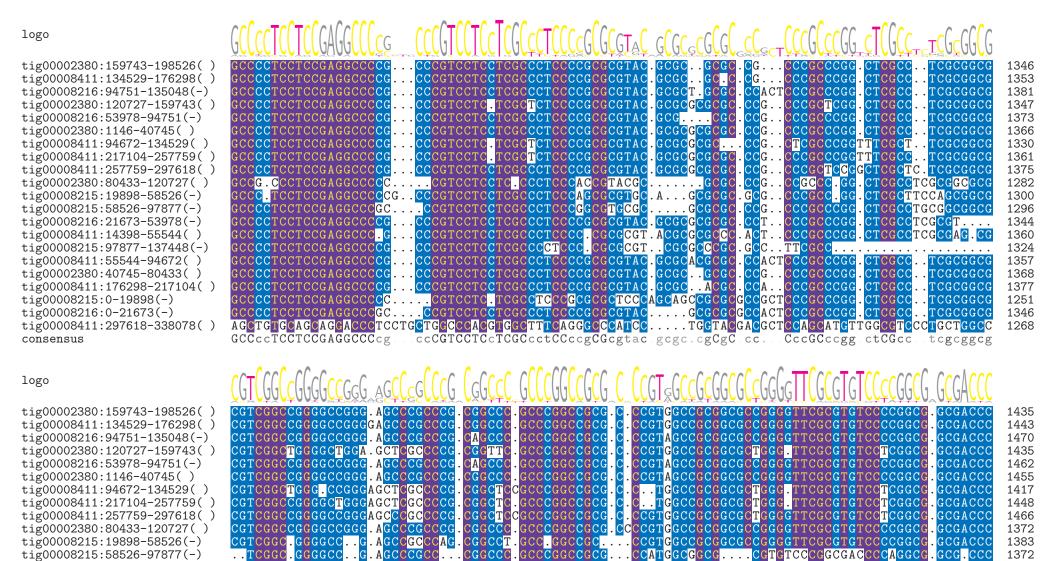
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GcGCGTCCCggTcGCcgCGGTTCGCCGCCcccCCcc.gGTGGCGGCCCGgcgtcCGGCCGACcgCc.gctcCCGCgCCccTCC.TCCTCCCc.gcc

1178

tig00008411:297618-338078()

consensus



CGGCCC

CGGCC

CGGCCC

CGGCCC

CGGCC

CAGCCC

CGGCCC

GCCCCCC

GCCCGGCCGCG.C

GCC<mark>C</mark>GGC.....

GCCCGGCCGCG.C

GCCCGGCCGCG

GCCCGGCCGCG

GCCCGGCGCG

ACACTACCGGTGACATG...GCTAGCATGACCCTCCTTCCTGGCAGTGACACTGCTGATGTGAACCCCAGTTTCACATCTGTCATTTG

.gcCcgCCcg .CgGccC GCCcGGCcGcg c .Ccgt .gccGcGgcgCcGgGgTTCGCgTgTCCccggcG

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GCGACCC

GCGACCC

...ACCC

GCGACCC

CCGT<mark>G..TAT</mark>GGCGCCGGGGTTCGCGTGTCCCCGGCG<mark>A</mark>GCGACCC

CCGT<mark>AGCCGCGGCCCGGGGTTCGCGTGTCCCCGGCGA</mark>GCGACCC

CCGTAGCCGCGGCCCGGGGTTCGCGTGTCCC.......

CCGCGCCCGTGGCGCCGGGGTTCGCGTGTCCCCGGCG

CCGTAGCCGCGGCCCGGGGTTCGCGTGTCCCCGGCG

CCGTAGCCGCAGCGCCGGGGTTCGCGTGTCCCCGGCG

CCGTGG.CGCGGCCCGGG.TTCGCGTGTCCCCGGCG

 $CCGTAG\overline{C}CGCGGCGCGGGG\overline{G}TTCGCGTGTCCCCGGCG$

CGGCGGC...GAGCCCGG.GGCCCGCCGG

CGTCGGCCGGGGCCG<mark>A</mark>G.AGCCCGCCCG .GTCGGC..GGCGGGG.AGCC.GCCCG

CGTCGGCCGGGGCCGGG.AGCCCGCCCG

CGTCGGCCGGGGCCGGG . AGCCCGCCCG

CGTCGGCCGGGGCAGAG...CCCGCCCA

CGTCGGCCGGGGCCGAG..

CGTCGGCCGGG..CGGA..

cgtCGGCcgGggccggg

tig00008216:21673-53978(-)

tig00008411:14398-55544()

tig00008411:55544-94672()

tig00002380:40745-80433()

tig00008215:0-19898(-)

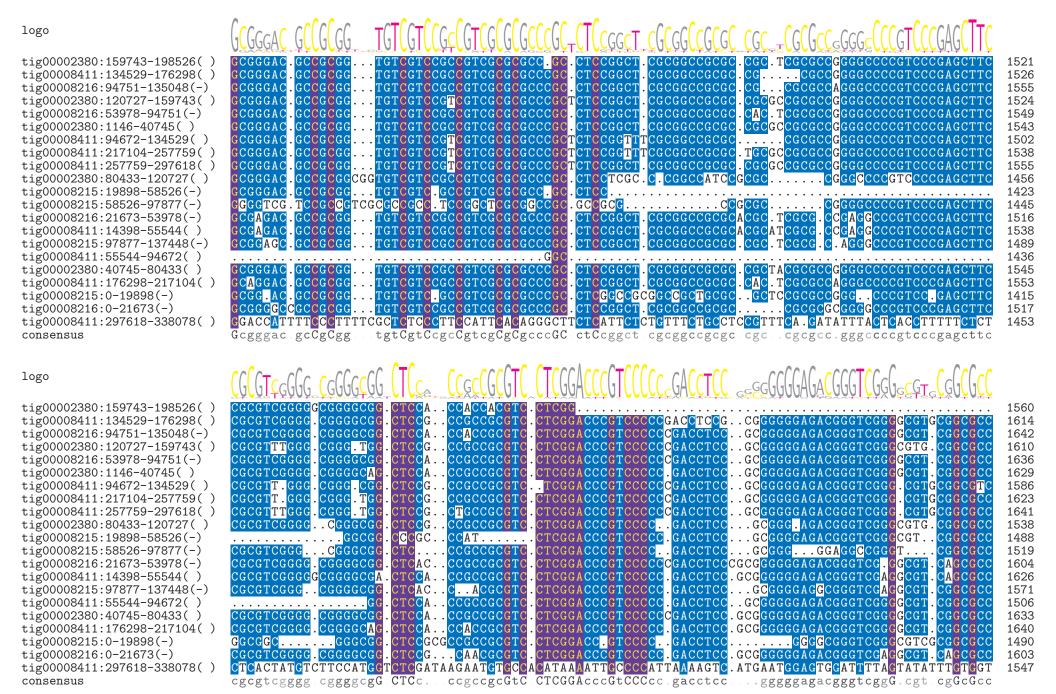
tig00008216:0-21673(-)

consensus

tig00008411:176298-217104()

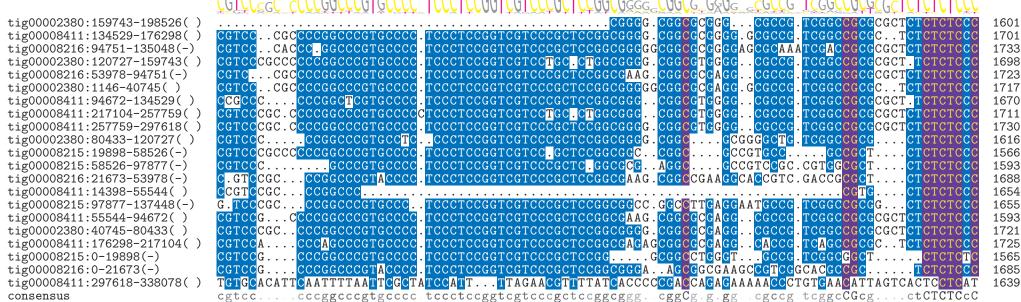
tig00008411:297618-338078()

tig00008215:97877-137448(-)





gTCGCCTCTCCCCctCgCcgGgccC



logo

consensus

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                            GTCGCCTCTCCCC.TCGC.GGGCCC
tig00002380:159743-198526()
                            GTCGCCTCTCCCCCTCGCCGGGCC
                                                                  ACGGAGCGTCGGG
                                                                                    GGCGGTCGGGCC
                                                                                                  GGCGCGATTCCGTCCGTCCGTCCGCCGAGC
tig00008411:134529-176298()
tig00008216:94751-135048(-)
                            GTCGCCTCTCCCCCTCGCCGGGCC(
                                                                  ACGGAGCGTCGGG
                                                                                    GGCAGTCGGGCC
                                                        GTCTCCC
                                                                  ACGGAGCGTCGGG
                                                                                    GGCGGTCGGGCC
tig00002380:120727-159743()
                            GTCGCCTCTCCCCCTCGCTGGGCT(
                                                                                                  GGCGCGATTCCGTCCGTCCGTCCGTCGAGC
tig00008216:53978-94751(-)
                            GTCGCCTCTCCCCTCGCCGGCCC
                                                                  ACGGAGCGTCGGG
                                                                                    GGCGGTCGGGCC
                                                                                                  GGCGCGATTCCGTCCGTCCGTCCGCCGAGC
                                                                  ACGGAGCGTCGGG
                                                                                    GGCGGTCGGGCC
tig00002380:1146-40745()
                            GTCGCCTCTCCCCCTCGCCGGGCC
                                                                                                  GGCGCGATTCCGTCCGTCCGCCGAGC
                            GTCGCCTCTCCCC.TCGTCGGGTT
                                                        GTCTCCC
tig00008411:94672-134529()
                                                                  ACGGAGCGTCGGG
                                                                                    GGCGGTCGGGC
                                                                                                  GGCGCGATTCCGTCCGTCCGTCCGTCGAGC
                            GTCGCCTCTCCCC.TCGCTGGGCT
tig00008411:217104-257759()
                                                                                    GGCGGTCGGGC
                            GTCGCCTCTCCCC<mark>C</mark>TCGC<mark>C</mark>GGC<mark>T</mark>CC
                                                                  ACGGAGCGTCGGG
                                                                                                  GGCGCGATTCCGTCCGTCCGTCCGTCGAGC
tig00008411:257759-297618()
                            GTCGCCTCTCCCCTCC.C
tig00002380:80433-120727()
                                                                  ACGGAGCGTCGGGGCGGGCGGTCGGGC
                                                                                                  GGCGCGATTCCGTCCGTCCGTCCGCCGAGC
                                                                                 CGGGCGGCCGGC
tig00008215:19898-58526(-)
                                                        GTCTCCC
                                                                 ACGGAGCGTCGGG
tig00008215:58526-97877(-)
                            GTCGCCTCTCCCCCTCGC.GGGCC
                                                        GTCTCCC
                                                                  ACGG.GCGTCGGG
                                                                                 CGGGC.GGTCGGGCC
                                                                                                  <u>GGCGCGA</u>TTCCGTCCGTCCGTCCGCCGAGC
tig00008216:21673-53978(-)
                            GTCGCCTCTCCCCCTCGCCGGGCC(
tig00008411:14398-55544()
                            GTCGCCTCTCCCCCTCGC.GGGCCC
                                                        GTCTCCC
                                                                  ACGGAGCGTCGGG
                                                                                    GGCGGTCGGC
tig00008215:97877-137448(-)
                            GTCGCCTCTCC...TCGCCGGGCCC
                                                        GTCTCCC
                                                                  ACGGAGCGTCGGG
                                                                                    GGCGGTCGGGCC
                                                                                                  GGCGCGATTCCGTCCGTC....CGCCGAGC
                                                        GTCTCCCG
                                                                                    GGCGGTCGGGCC
tig00008411:55544-94672()
                            GTCGCCTCTCCCCCTCGCCGGGCC(
                                                                  ACGGAGCGTCGGG
                            GTCGCCTCTCCCC.TCGCCGGCCC
                                                        GTCTCCCG
                                                                  ACGGAGCGTCGGG
                                                                                    GGCGGTCGGGCC
tig00002380:40745-80433()
                                                                                                  GGCGCGATTCCGTCCGTCCGTCCGCCGAGC
tig00008411:176298-217104()
                            GTCGCCTCTCCCCCTCGCCGGGCCC
                                                                                    . GGCAGTCGGGCC
                            CTCGCCTCTCCCC.TCGCCGGGCCC
                                                                                    . GCGGTCGGGCC
tig00008215:0-19898(-)
tig00008216:0-21673(-)
                            GTCGCCTCTCCCCCTCGC.GGGCCC
                                                        GTCTCCCG....GCAGTCGGG
                                                                                    GGCGGTCGAGCCCGGCGCGATTC.GTCCGTCCGTCCGCCG.GC
                                                         TCAGCCCTAGGTAACAACTGCATAGAGCCATCAACCC.....CATATGCATAGATTCCATATTETG.
tig00008411:297618-338078()
                            TCTGTCTCAAACCTCTCCCTGACCC
                                                       GTCTCCCG acggagCGTCGGG CG ggcgGTCGgGCc ggcGCGATTCCGTCCGTCcgtcCGcCGaGC
```

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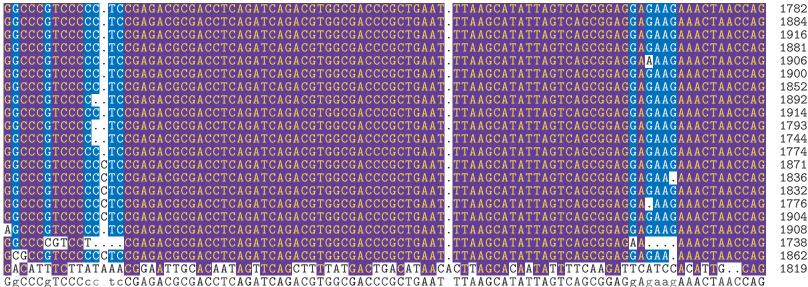
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tig00002380:159743-198526() tig00008411:134529-176298() tig00008216:94751-135048(-) tig00002380:120727-159743() tig00008216:53978-94751(-) tig00002380:1146-40745() tig00008411:94672-134529() tig00008411:217104-257759() tig00008411:257759-297618() tig00002380:80433-120727() 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()

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consensus

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tig00008216:21673-53978(-)
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tig00008411:297618-338078()
consensus
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GATTCCCTCAGTAACGGCGAGTGAACAGGGAAGAGCC__cAGCGCcGAATCCC_gcgCGCGGCGGGGG__CgcgGGACATGTGGCGT_ACGGAAG

