logo

#### tig00002380:159743-198526() tig00008411:134529-176298() tig00008216:94751-135048(-) tig00002380:120727-159743() tig00008216:53978-94751(-) tig00002380:1146-40745() GGCTGGCGTGCTTAAACTCATTCTAAATAGAAATTTGGGACGTCAGC1 tig00008411:94672-134529() GGCTGGCGTGCTTAAACTCATTCTAAATAGAAATTTGGGACGTCAGCT GG<mark>T</mark>TGGCGTGCTTAAACTCATTCTAAATAGAAATTTGGGACGTCAGC1 tig00008411:217104-257759() GGCTGGCGTGCTTAAACTCATTCTAAATAGAAATTTGGGACGTCAGCT tig00008411:257759-297618() tig00002380:80433-120727() GGCTGGCGTGCTTAAACTCATTCTAAATAGAAATTTGGGACGTCAGCT GG<mark>T</mark>TGGCGTGCTTAAACTCATTCTAAATAGAAATTTGGGACG<mark>C</mark>CAGCT tig00008215:19898-58526(-) tig00008215:58526-97877(-) GG<mark>T</mark>TGGCGTGCTTAAACTCATTCTAAATAGAAATTTGG<mark>.</mark>ACG<mark>CT</mark>AGCT GGCTGGCGTGCTTAAACTCATTCTAAATAGAAATTTGGGACGTCAGCT tig00008216:21673-53978(-) GGCTGGCGTGCTTAAACTCATTCTAAATAGAAATTTGGGACGTCAGCT tig00008411:14398-55544() GGCTGGCGTGCTTAAACTCATTCTAAATAGAAATTTGGG<mark>G</mark>CGTCAGCT tig00008215:97877-137448(-) GG<mark>T</mark>TGGCGTGCTTAAACTCATTCTAAATAGAAATTTGGG<del>A</del>CGTCAGCT tig00008411:55544-94672() tig00002380:40745-80433() $\mathsf{G} \overline{\mathsf{G}} \mathsf{T} \mathsf{G} \mathsf{G} \mathsf{G} \mathsf{T} \mathsf{G} \mathsf{G} \mathsf{T} \mathsf{T} \mathsf{A} \mathsf{A} \mathsf{A} \mathsf{C} \mathsf{T} \mathsf{C} \mathsf{A} \mathsf{T} \mathsf{T} \mathsf{C} \mathsf{T} \mathsf{A} \mathsf{A} \mathsf{A} \mathsf{T} \mathsf{A} \mathsf{G} \mathsf{A} \mathsf{A} \mathsf{A} \mathsf{T} \mathsf{T} \mathsf{T} \mathsf{G} \mathsf{G} \mathsf{G} \mathsf{A} \mathsf{C} \mathsf{G} \mathsf{T} \mathsf{C} \mathsf{A} \mathsf{G} \mathsf{C} \mathsf{T}$ tig00008411:176298-217104() tig00008215:0-19898(-) tig00008216:0-21673(-) tig00008411:297618-338078()

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TCTGGCCTCACGGACTCTGAGCCGAGAG..TCCCTGGTCTGTCTA

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TCTGGCCTCACGGACTCTGAGCCGAGGAGTCCC.TGGTCTGTCTA

 $exttt{TCTGGCCTCACGGACTCTGAGCCGAGGAGTCCC}{\overline{ exttt{C}} exttt{TGGTCTA}$ 

TCTGGCCTCACGGACTCTGAGCCGAGAG..TCCCTGGTCTGTCTA

TCTGGCCTCACGGACTCTGAGCCGAGAG..TCCCTGGTCTGTCTA

 ${ t TCTGGCCTCACGGACTCTGAGCCGAG\overline{GAGTC}CCCTGGTCTGTCTA}$ 

 $\overline{ ext{TCT}}$ GGCCTCACGGACTCTGAGCCGAGGAGTCCC $\overline{ ext{.}}$ TGGTCTGTCTA  ${ t TCTGGCCTCACGGACTCTGAGCCGAGGAGTCCC\overline{C}TGGTCTGTCTA}$ 

## logo

consensus

consensus

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tig00008215:0-19898(-)
tig00008216:0-21673(-)
tig00008411:297618-338078()
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TCACAGGACCGTACACGTAAGGAG<mark>...</mark>AAAAATCGTA<mark>G</mark>CGTTCAAAGTCAGTCATTTTGTGATACAGAAATACACGGATTCACCCAAAACACAG
{	t TCACAGGACCGTACACGTAAGGAG\overline{GAG}AAAAATCGTA<math>\overline{A}CGTTCAAAGTCAGTCATTTTGTGATACAGAAATACACGGATTCACCCAAAACACAG
TCACAGGAC<mark>TGC</mark>ATACGTAAGGAGGAGAAAA<mark>.</mark>TCG<mark>.</mark>AACGTTCAAAGTCAGTCATTTTGTGATACAGAAATACACGGATTCACCCAAAACACAG
TCACAGGAC<del>CGTA</del>CACGTAAGGAGGAGAAAA.TCG<del>T</del>AACGTTCAAAGTCAGTCATTTTGTGATACAGAAATACACGGATTCACCCAAA<mark>.</mark>CACAG
TCACAGGACC<mark>ATTAC</mark>CGTAAGGAGGAGAAAĀTCGTAACGTTCAAAGTCAGTCATTTTGTGATACAGAAATACACGGATTCACCCAAAĀCACAG
TCACAGGACC<mark>GTACA</mark>CGTAAGGAGGAGAAAATCGTA<mark>G</mark>CGTTCAAAGTCAGTCATTTTGTGATACAGAAATACACGGATTCACCCAAAACACAG
TCACAGGACCGT<mark>G</mark>CACGTAAGGAGGAGAAAATCGTA<mark>G</mark>CGTTCAAAGTCAGTCATTTTGTGATACAGAAATACACGGATTCACCCAAAACACAG
TCACAGGACCGT<mark>. T</mark>ACGTAAGGAGGAGAAAATCGTA<mark>G</mark>CGTTCAAAGTCAGTCATTTTGTGATACAGAAATACA<mark>.</mark> GGATTCACCCAAAACACAG
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tig00008411:297618-338078()
consensus
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 $\textbf{GGAGAATCCTCATC} . . . \textbf{T} \textbf{TGGGTGAGGCCCTGGC} . . . . . \textbf{TGGGACTCAGCCCTT} . . \textbf{GTCAGGCCCTCG} . . . . . . \textbf{AGGAGCTCCATCTTCCCCTG} \\ \textbf{aaagcagtcttttagaaatggccttagccctggtgtccgtgccagtgattcttttcggtttggaccttgactgagaggattcccagtcggtctct}$ 

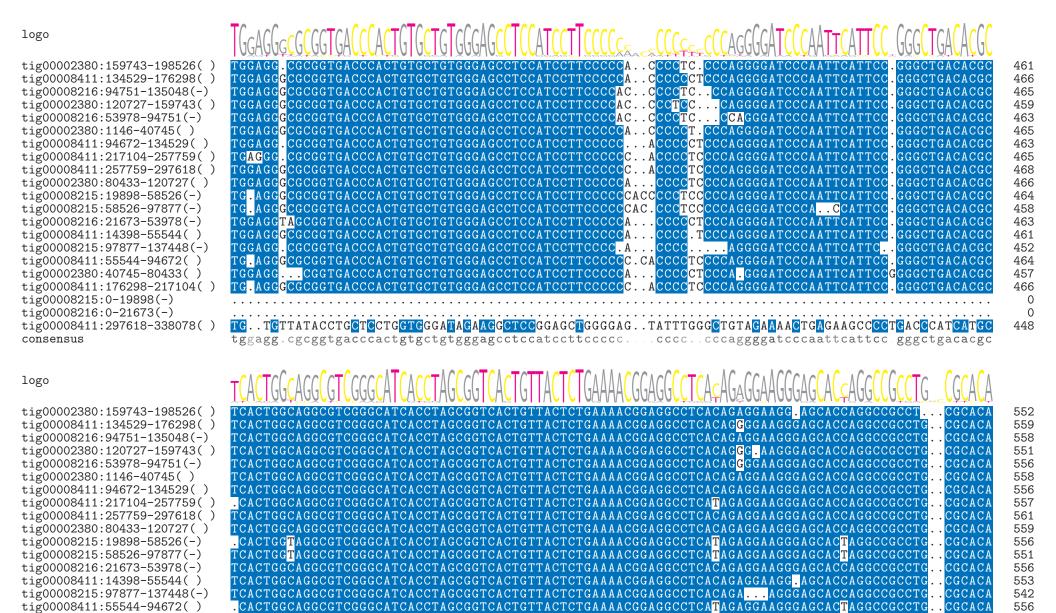
### logo

consensus

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tig00008411:176298-217104()
tig00008215:0-19898(-)
tig00008216:0-21673(-)
tig00008411:297618-338078()
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# cgTCTCTGG\_A<mark>C</mark>GGAAGTTCCAGATGATCCGATGGGTGGGGGACTTAGGCTGCGTCCCCc\_AGGAGCCCT&GTCGATTAGTTGTGGGGGATCG<u>cC</u>

```
CGTCTCTGG
            ACGGAAGTTCCAGATGATCCGATGGGTGGGG<mark>G</mark>ACTTAGGCTGCGTCCCCC<mark>C</mark>AGGAGCCCT
CGTCTCTGG
            {	t ACGGAAGTTCCAGATGATCCGATGGGTGGGGGGACTTAGGCTGCGTCCCCC}
                                                                            .AGGAGCCCT<mark>G</mark>GTCGATTAGTTGTGGGGATCGCCT
CGTCTCTGG
            {	t ACGGAAGTTCCAGATGATCCGATGGGTGGGGGGACTTAGGCTGCGTCCCCC}
                                                                            AGGAGCCCT
                                                                                         GTCGATTAGTTGTGGGGATCGCCT
CGTCTCTGG
                                                    ACTTAGGCTGCGTCCCCC<mark>C</mark>AGGAGCCCT
            ACGGAAGTTCCAGATGATCCGATGGGTGGGG
                                                                                         GTCGATTAGTTGTGGGGATCGCCT
CGTCTCTGG
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                                                                            .AGGAGCCCT<mark>G</mark>GTCGATTAGTTGTGGGGATCGCC7
CGTCTCTGG
            ACGGAAGTTCCAGATGATCCGATGGGTGGGG<mark>G</mark>ACTTAGGCTGCGTCCCCC<mark>C</mark>AGGAGCCCT<mark>G</mark>GTCGATTAGTTGTGGG<del>G</del>ATCGCCT
CGTCTCTGG
            {	t ACGGAAGTTCCAGATGATCCGATGGGTGGGGGGGACTTAGGCTGCGTCCCCC}
                                                                            . AGGAGCCCT<mark>G</mark>GTCGATTAGTTGTGGGGATCGCCT
CGTCTCTGG
            ACGGAAGTTCCAGATGATCCGATGGGTGGGG
                                                    ACTTAGGCTGCGTCCCCC<mark>C</mark>AGGAGCCCT<mark>G</mark>GTCGATTAGTTGTGGGGATCGCCT
CGTCTCTGG
            ACGGAAGTTCCAGATGATCCGATGGGTGGGG
                                                     {	t ACTTAGGCTGCGTCCCCC} {	t AGGAGCCCT} {	t GGTCGATTAGTTGTGGG} {	t ATCGCCT}
            ACGGAAGTTCCAGATGATCCGATGGGTGGGG
                                                     ACTTAGGCTGCGTCCCCC<mark>C</mark>AGGAGCCCT<mark>A</mark>GTCGATTAGTTGTGGGGGATCGCC7
CGTCTCTGG
            ACGGAAGTTCCAGATGATCCGATGGGTGGGG
                                                                            .AGGAGCCCT<mark>G</mark>GTCGATTAGTTGTGGGGATCGCC7
GTCTCTGG
            ACGGAAGTTCCAGATGATCCGATGGGTGGGG
                                                     ACTTAGGCTGCGTCCCC.
                                                                            . AGGAGCCCT<mark>G</mark>GTCGATTAGTTGTGGGGAT...GCT
CGTCTCTGG.ACGGAAGTTCCAGATGATCCGATGGGTGGGG
                                                     {	t ACTTAGGCTGCGTCCCCC} {	t AGGAGCCCT} {	t GGTCGATTAGTTGTGGGGATCGCCT}
                                                    {	t ACTTAGGCTGCGTCCCC...} {	t AGGAGCCCT} {	t GGTCGATTAGTTGTGGGGGAT.GCCT}
            ACGGAAGTTCCAGATGATCCGATGGGTGGGG
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tig00002380:40745-80433() tig00008411:176298-217104()

tig00008411:297618-338078()

tig00008215:0-19898(-) tig00008216:0-21673(-)

consensus

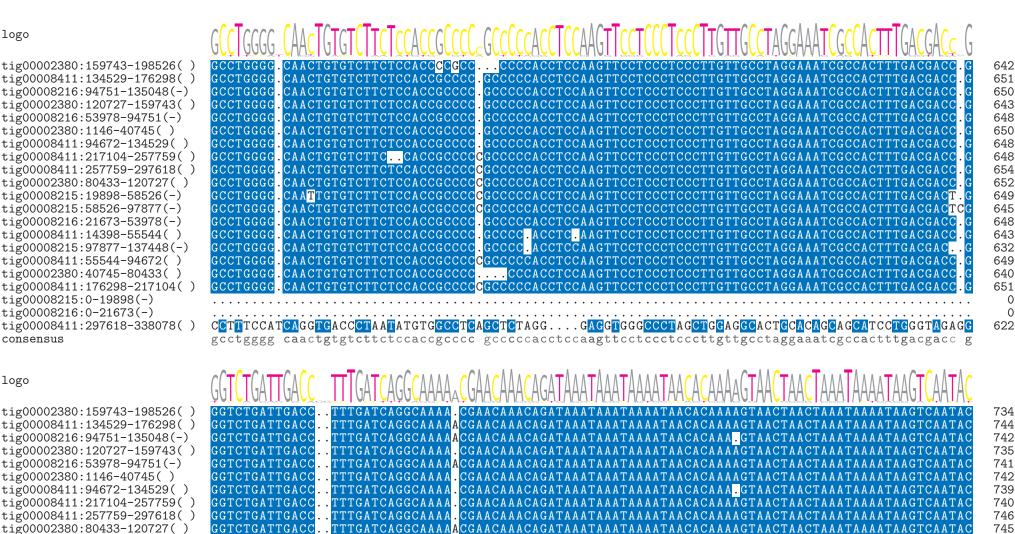
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.CACTGGCAGGCGTCGGGCATCACCTAGCGGTCACTGTTACTCTGAAAACGGAGGCCTCA<mark>T</mark>AGAGGAAGGGAGCAC<mark>T</mark>AGGCCGCCTG

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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

<u>TTTGATCAGGCAAAA<mark>A</mark>CGAACAAACAGATA</u>AATAAATAAATAACACAAAAGTAACTAACTAAATAAAATAAGTCAATAC GGTCTGATTGACC GGTCTGATTGACC GGTCTGATTGACC GGTCTGATTGAC GGTCTGATTGACC GGTCTGATTGACC GGTCTGATTGACC. TTTGATCAGGCAAAA<mark>.</mark>CGAACAAACAGATAAATAAATAAATAACACAAA<del>A</del>GTAACTAACTAAATAAA<del>A</del>TAAGTCAATAC 

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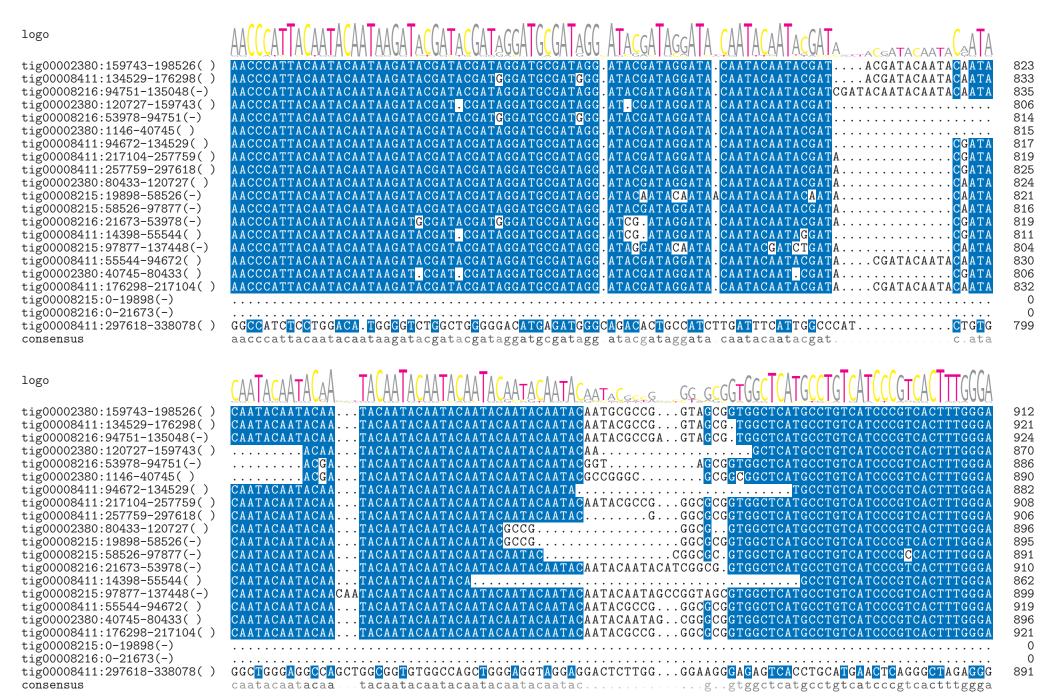
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logo  tig00002380:159743-198526() tig00008411:134529-176298() tig00008216:94751-135048(-) tig00002380:120727-159743() tig00008216:53978-94751(-) tig00008216:53978-94751(-) tig00008411:94672-134529() tig00008411:217104-257759() tig00008411:257759-297618() tig00008215:19898-58526(-) tig00008215:58526-97877(-) tig00008215:58526-97877(-) tig00008216:21673-53978(-) tig00008216:97877-137448(-) tig00008215:97877-137448(-) tig00008216:5544-94672() tig00002380:40745-80433()	CCG GCGCGCTGCACATGCCTATAATCCCAGCTGCTAGGAAGGCTGAGGCAGGAGATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GTAGCGGTGGCACATGCCTATAATCCCAGCTGCTAGGAAGGCTGAGGCAGGAGATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GGCGCGGTGGCACATGCCTATAATCCCAGCTGCTAGGAAGGCTGAGGCAGGAGAATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GTAGCGGTGGCACATGCCTATAATCCCAGCTGCTAGGAAGGCTGAGGCAGGAGAATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GTAGCGGTGGCACATGCCTATAATCCCAGCTGCTAGGAAGGCTGAGGCAGGAGAATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GTAGCGGTGGCACATGCCTATAATCCCAGCTGCTAGGAAGGCTGAGGCAGGAGAATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GCGCGGTGGCACATGCCTATAATCCCAGCTGCTAGGAAGGCTGAGGCAGGAGAATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GCGCGGGTGGCACATGCCTATAATCCCAGCTGCTAGGAAGGCTGAGGCAGGAGAATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GCGCGGGTGGCACATGCCTATAATCCCAGCTGCTAGGAAGGCTGAGGCAGGAGAATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GGCGCGGTGGCACATGCCTATAATCCCAGCTGCTAGGAAGGCTGAGGCAGGAGAATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GGCGCGGTGGCACATGCCTATAATCCCAGCTGCTAGGAAGGCTGAGGCAGGAGAATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GGCGCGGTGGCACATGCCTATAATCCCAGCTGCTAGGAAGGCTGAGGCAGGAGAATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GGCGCGTTGGCACATGCCTATAATCCCAGCTGCTAGGAAGGCTGAGGCAGGAGAATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GGCGCGTTGGCACATGCCTATAATCCCAGCTGCTAGGAAGGCTGAGGCAGGAGAATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GGCGCGTTGCACATGCCTATAATCCCAGCTGCTAGGAAGGCTGAGGCAGGAGAATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GGCGCGTTGCACATGCCTATAATCCCAGCTGCTAGGAAGGCTGAGGCAGGAGAATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GGCGCGTTGGCACATGCCTATAATCCCAGCTGCTAGGAAGGCTGAGGCAGGAGAATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GGCGCGTTGCACTACCTATAATCCCAGCTGCTAGGAAGGCTGAGGCAGAGAATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GGCGCTTGGCACATGCCTATAATCCCAGCTGCTAGGAAGGCTGAGGCAGAGAATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GGCGCTTGCACTATAATCCCAGCTGCTAGGAAGCTGAGGCAGAGAATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GGCGCTTGCACTATAATCCCAGCTGCTAGGAAGCTGAGCCAGGAGAATCGCTTGAACCTGGGAAGCGGAGGTTGCAGTGAGC GCCG.GGCGCTTGCACTATAATCCCAGCTGCTAGGAGAGCAGAGAATCGCTTGAACCTGG	1094 1106 1110 1056 1073 1074 1061 1089 1091 1077 1075 1073 1043 1080 1096 1077

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consensus

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tig00008411:297618-338078()

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logo	ACA TACATACATAAATTAAAA TAAATAAAATAAAA TAAATAAA	
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consensus

tig00008215:97877-137448(-)

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. TAC<mark>ATGCAT</mark>AAATTAAAA<mark>. TAAATAAATAAAATAAAA. TAAATAAA. TGGGCC<mark>TG</mark>C...GC<mark>GGTGGCTC. AAGCCTGTCATCCCCTCACTT</mark></mark>

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.....AATTAAAA.TAAATAAATAAAATAAAA.TAAATAAA.TGGGCCCTCTTGGCAGTGGCTC.AAGCCTGTCATCCCCTCACTT

.....TGGGCCCTGC..GCG.TGGCTC

1252

1201

1269

1224

1255

1253

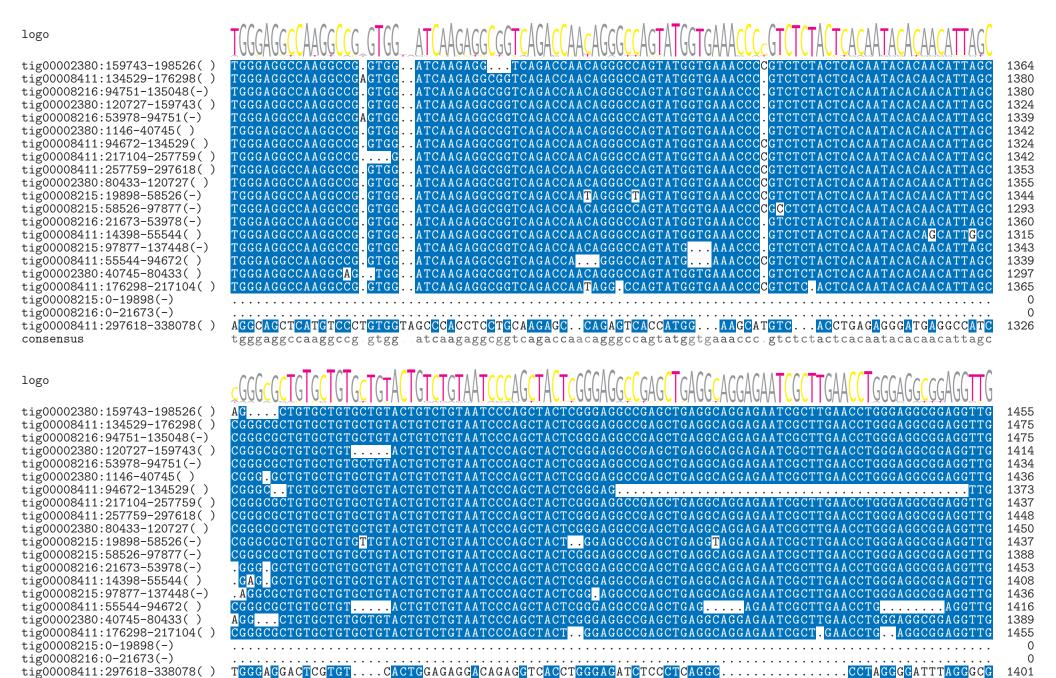
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1275

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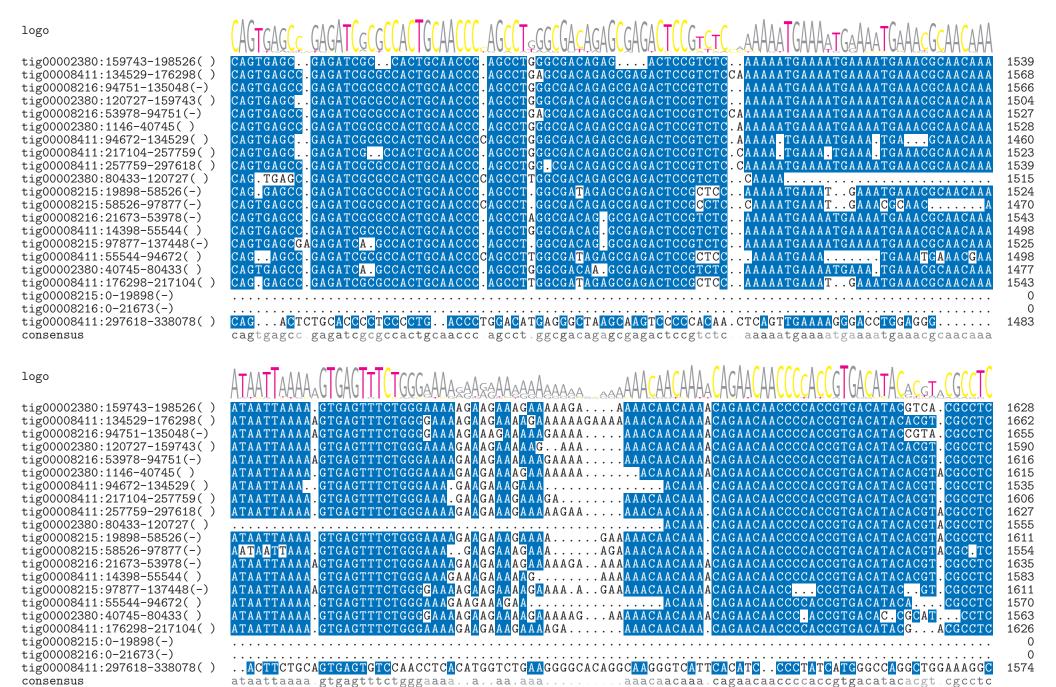
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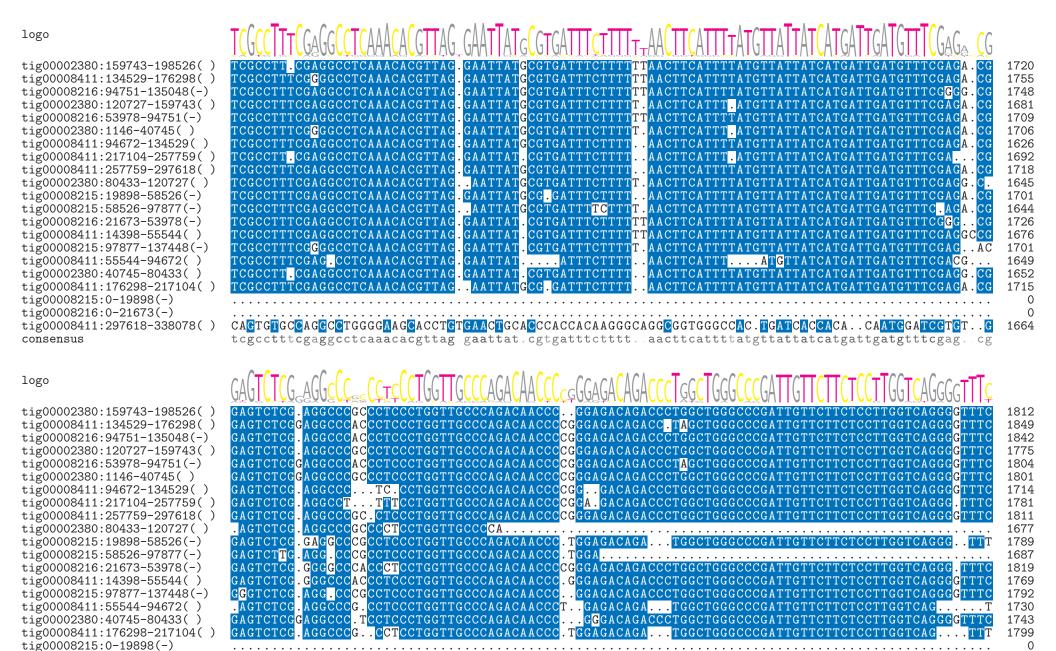
. AAGCCTGTCATCCC . TCACTT



consensus

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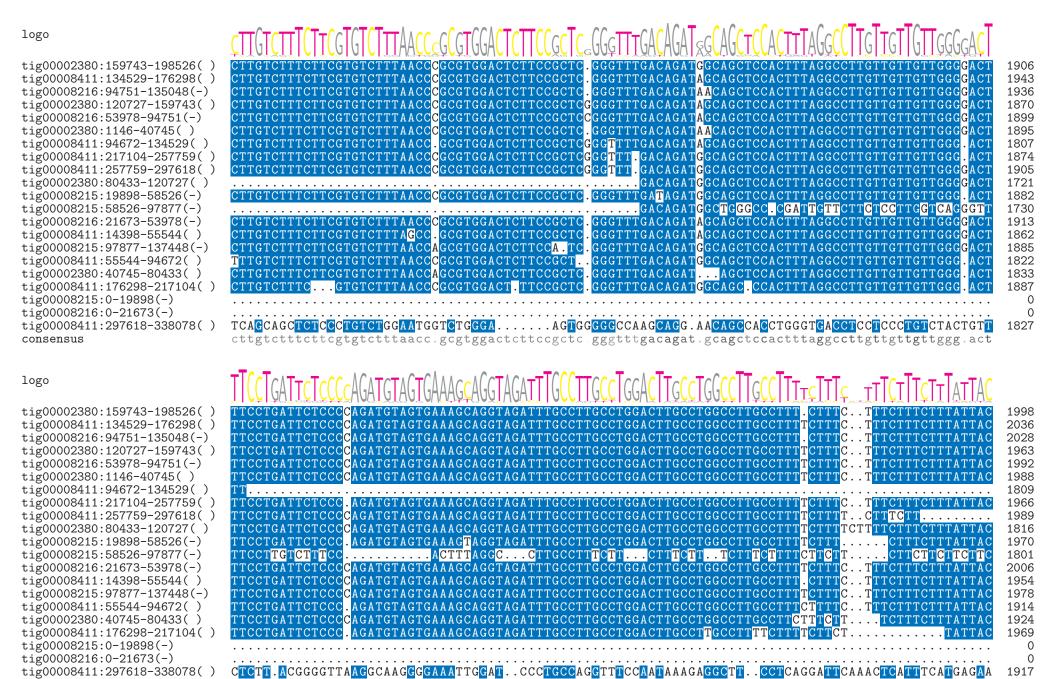
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consensus