

..... AT**C**CAATAC**A**CT**T**AC**C**AGC**A**CT**T**CA**G**GATTTGGT**A**CCG**G**GTCCGAC**T**CCAC**AAA**AC 57
 0
 ATGCAATACACTTACCAGCACATTTCAGGATTTGGTACCGGGTCCGACTCCACAAAACTTCTACGGGAAAAATAATTTTCATCAAGAAAAAAATCAACCAAATTGTTGTTCTTATCAAAGAT 120
 ATGCAATACACTTACCAGCACATTTCAGGATTTGGTACCGGGTCCGACTCCACAAAACTTCTACGGGAAAAATAATTTTCATCAAGAAAAAAATCAACCAAATTGTTGTTCTTATCAAAGAT 120

 TTCTACGGGAAA**A**T**A**AT**T**TT**T**CATCAAG**A**AA**A**ATCA**A**CC**A**AA**T**T**G**TT**G**TT**T**CTTA**T**CA**A**CTACGCCAAGTGGTACGAGTTCATCGGTGCAAAATTTCAGTCAATTCTCAATTCAAAAGAA 177
 0
 GAAACGCAATCTATCTATTTACGAGTAATACCAAAAGAAGACCAGGAGCTTGAATTTTCAGCTACGCCAAGTGGTACGAGTTCATCGGTGCAAAATTTCAGTCAATTCTCAATTCAAAAGAA 240
 GAAACGCAATCTATCTATTTACGAGTAATACCAAAAGAAGACCAGGAGCTTGAATTTTCAGCTACGCCAAGTGGTACGAGTTCATCGGTGCAAAATTTCAGTCAATTCTCAATTCAAAAGAA 240

 GGAATTGCTCAAATCGGATTATTTGGTTGTCATCTTATAGCTTGGTCTCAATCCGGAAAAAGTGGATAATCCTGTTATTATCAGCTCAAGATCATGGACTAAAAGCGATGAAGACAGTGAA 297
 0
 GGAATTGCTCAAATCGGATTATTTGGTTGTCATCTTATAGCTTGGTCTCAATCCGGAAAAAGTGGATAATCCTGTTATTATCAGCTCAAGATCATGGACTAAAAGCGATGAAGACAGTGAA 360
 GGAATTGCTCAAATCGGATTATTTGGTTGTCATCTTATAGCTTGGTCTCAATCCGGAAAAAGTGGATAATCCTGTTATTATCAGCTCAAGATCATGGACTAAAAGCGATGAAGACAGTGAA 360

 AGGCTCCAGACGCTCCGCAAAC**T**AGGAAAA**T**CAAGAAGAAAG**T**CAGGTCCGAAAA**C**ATCAGTTGATACTATGGCAAACAAATTAATTGAGCGCCGAGAAGCGATGTTTGCTGATACATTT 417
 0
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 AGGCTCCAGACGCTCCGCAAAC**T**AGGAAAA**T**CAAGAAGAAAG**T**CAGGTCCGAAAA**C**ATCAGTTGATACTATGGCAAACAAATTAATTGAGCGCCGAGAAGCGATGTTTGCTGATACATTT 480

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 0
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 GATGATTCTTGGTTCAACGATGAGAATT**C**CGGAACAATTTGTGCAATATGTATTGAACTGTACA**A**CTTGT**C**ATGT**C**GAATACAATCACGTTGAGTATGCACAAAA**C**AAATATCCCA**A**CAAAT 657
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 ATTTGTGAAGATTGGGATTCTGAAAGCAATATCGTAGAAGAGGAAGAGAAAGTTACTAGATTCAAAAAAAATATTCAGGAAAAGGTT**C**GCGATGCGTCAATTGTGCATATAAAAAGGTATT 960
 ATTTGTGAAGATTGGGATTCTGAAAGCAATATCGTAGAAGAGGAAGAGAAAGTTACTAGATTCAAAAAAAATATTCAGGAAAAGGTT**C**GCGATGCGTCAATTGTGCATATAAAAAG**G**.**G**TT 959

TCTTCGCTTCTACTAATAATCATGTTAAATATAAAATTC AATTTCACTTGTGAATAATATTACTGAGAATAAAACGGATTTTATTGCAAAAAGTCTAATGTTCCGCTCTAGTTTACAATTAAAA	1017
TCTTCGCTTCTACTAATAATCATGTTAAATATAAAATTC AATTTCACTTGTGAATAATATTACTGAGAATAAAACGGATTTTATTGCAAAAAGTCTAATGTTCCGCTCTAGTTTACAATTAAAA	339
TCTTCGCTTCTACTAATAATCATGTTAAATATAAAATTC AATTTCACTTGTGAATAATATTACTGAGAATAAAACGGATTTTATTGCAAAAAGTCTAATGTTCCGCTCTAGTTTACAATTAAAA	1080
GGTTAGTGTTC CGTTT CAC . TTGAA TTGAAGTCAAT TGATATT CATCTCTCGGAAGTT GTTTTCTAC AATAATTAAT ATTTGA	1038

ATCCTAATCACTCCATTTCGTCATCGTCGTCGTCAGATTCTTCGGAATCACTTGGATTTATTCCGGATCTTCTTGCATCGAGGAAGTTCTGAATCTGATCGACAATTGTTCCAGACGTCGT	1137
ATCCTAATCACTCCATTTCGTCATCGTCGTCGTCAGATTCTTCGGAATCACTTGGATTTATTCCGGATCTTCTTGCATCGAGGAAGTTCTGAATCTGATCGACAATTGTTCCAGACGTCGT	459
ATCCTAATCACTCCATTTCGTCATCGTCGTCGTCAGATTCTTCGGAATCACTTGGATTTATTCCGGATCTTCTTGCATCGAGGAAGTTCTGAATCTGATCGACAATTGTTCCAGACGTCGT	1200
*****	1038

TGA	1140
TGA	462
TGA	1203
...	1038

☐ non conserved
☒ > 50% conserved