```
fasta seq/Bcereus seq      ...................................................................................AAGTTAAACTATCCAG   16
fasta seq/Abaumannii seq   ATGGAACTCAATCCAACAGAAAAAGATAAGTTACTCATTTTTACTGCAGGCTTAGTGGCTGAGCGTCGTAAAGCACGAGGCTTAAAGTTGAACTATCCGG  100
fasta seq/Bsubtilis seq    ATGAAACTGACACCAGTTGAACAAGAGAAATTGCTCATTTTTGCAGCGGGGGAATTAGCCAAACAGCGAAAGGCGCGGGGCGTTCTGCTGAACTATCCTG  100
fasta seq/Lsphaericus seq  TTGAAGCTATCACCAGTAGAACAAGAAAAACTACTCCTCCATGTAGCAGGAGAACTTGCGCTGAAAAGAAAAGCTCGCGGCTTAAAGTTGAATTATCCAG  100
fasta seq/Lfusiformis seq  TTGAAGCTATCACCAGTAGAACAAGAAAAACTACTCCTCCATGTGGCAGGAGAACTTGCGCTGAAAAGAAAAGCTCGCGGTTAAAGCTAAATTATCCAG  100
consensus                  **** *** ****************** ***** *   ** ***************** * ** ********************!*!*!!*!!!!!*!

fasta seq/Bcereus seq      AAAGTATCGCTATTATTACGTATGAAATTTTGGAAGGAGCAAGAGATGGTAAAAATGTAGCGGAATTAATGGAACTTGGAAAA.AACATTTTAAGTGCTG  115
fasta seq/Abaumannii seq   AAGCTGTTGCATTTATTTCTGCAGCCTTACTTGAAGGTGCACGGGATGGTATGACGGTGAGTGAACTTATGCACTTTGGAACGACT.TTATTAAAGCGTG  199
fasta seq/Bsubtilis seq    AGGCTGCTGCTTATATCACCTGCTTTATTATGGAAGGCGCACGTGATGGGAAGGGAGTAGCAGAGCTGATGGAAGCCGG.CCGCCATGTATTAACGGAAA  199
fasta seq/Lsphaericus seq  AAGCAGTTGCTCTTATTAGTAGTTTTATAATGGAGGGTGCTAGAGATGGAAAAACTGTTGCACAGCTAATGAGTGAGGC.AAAGCATGTTCTGACAGCAG  199
fasta seq/Lfusiformis seq  AAGCTGTTGCCCTTATTAGTAGTTTCATCATGGAGGGTGCTAGAGATGGAAAAACTGTCGCACAGCTAATGAGTGAAGC.TAAGCATGTTCTGACAGCAG  199
consensus                  !*******!!* *!!!**** **** *! *!*!!*!!*!!**!*!!!!! !******!!*****!**!*!!! * * *!**********!**!*!* ****

fasta seq/Bcereus seq      AAGATGTTATGGATGGTATTGCAGACATGATATCAGATATTCAAGTTGAGGCAACTTTTCCTGATGGAACAAAATTAGTAACTATTCATCAGCCAATTCA  215
fasta seq/Abaumannii seq   AAGATGTCATGGATGGTGTACCGGAAATGATTGCTGAGGTACAGGTTGAAGCAACTTTTCCTGATGGTTCGAAATTAGTCACTGTTCATCAGCCCATTGT  299
fasta seq/Bsubtilis seq    AAGATGTGATGGAGGGTGTGCCTGAGATGCTGGACAGCATTCAGGTGGAGGCCACATTTCCGGATGGTGTAAAGCTTGTTACGGTACATCAGCCAATTTC  299
fasta seq/Lsphaericus seq  AGGACGTAATGGAGGGTGTCGGTGACATGATTTCAGATGTACAGGTGGAATGTACCTTCCCAGATGGTACGAAACTGGTCACAGTTCACCGTCCAATTC.  298
fasta seq/Lfusiformis seq  AGGACGTAATGGAAGGTGTCGGTGACATGATTTCAGATGTACAGGTGGAATGTACCTTCCCAGATGGGACAAAACTTGTCACAGTCCACCGTCCAATTC.  298
consensus                  !*!!*!!*!!!!! !!!*!****!!*!!!*!********!*!!*!!*!!*** !! !!*!! !!!!!*****!!**! !!*!! *!*!!*!**!!*!!!*

fasta seq/Bcereus seq      TTAA...............   219
fasta seq/Abaumannii seq   ATAA...............   303
fasta seq/Bsubtilis seq    TGCGGAGGTGAAGTCATGA   318
fasta seq/Lsphaericus seq  AGTAA..............   303
fasta seq/Lfusiformis seq  AGTAA..............   303
consensus                  ** **
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X non-conserved

X ≥50% conserved