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fasta seq/Bcereus seq      ................................................................................AAGTTAAACTATCCAG      16
fasta seq/Abaumannii seq   ATGGAACTCAATCCAACAGAAAAGATAAGTTACTCATTTTTACTGCAGGCTTAGTGGCTGAGCGTCGTAAAGCACGAGGCTTAAAGTTGAACTATCCGG     100
fasta seq/Bsubtilis seq    ATGAAACTGACACCAGTTGAACAAGAGAAAATTGCTCATTTTTGCAGCGGGGGAATTAGCCAAACAGCGAAAGGCGCGGGGCGTTCTGCTGAACTATCCTG     100
fasta seq/Lsphaericus seq  TTGAAGCTATCACCAGTAGAACAAGAAAAACTACTCCTCCATGTAGCAGGAGAACTTGCGCTGAAAAGAAAAGCTCGCGGCTTAAAGTTGAATTATCCAG     100
fasta seq/Lfusiformis seq  TTGAAGCTATCACCAGTAGAACAAGAAAAACTACTCCTCCATGTGGCAGGAGAACTTGCGCTGAAAAGAAAAGCTCGCGGTTTAAAGCTAAATTATCCAG     100
consensus                     **** *** ******************** ***** *   ** ****************** * ** *****************!*!*!!*!!!!!*!

fasta seq/Bcereus seq      AAAGTATCGCTATTATTACGTATGAAATTTTGGAAGGAGCAAGAGATGGTAAAAATGTAGCGGAATTAATGGAACTTGGAAAA.AACATTTTAAGTGCTG     115
fasta seq/Abaumannii seq   AAGCTGTTGCATTTATTTCTGCAGCCTTACTTGAAGGTGCACGGGATGGTATGACGGTGAGTGAACTTATGCACTTTGGAACGACT.TTATTAAAGCGTG     199
fasta seq/Bsubtilis seq    AGGCTGCCTGCTTATATCACCTGCTTTATTATGGAAGGCGCACGTGATGGGAAGGGAGTAGCAGAGCTGATGGAAGCCGG.CCGCCATGTATTAACGGAAA     199
fasta seq/Lsphaericus seq  AAGCAGTTGCTCTTATTAGTAGTTTTATAATGGAGGGTGCTAGAGATGGAAAAAACTGTTGCACAGCTAATGAGTGAGGC.AAAGCATGTTCTGACAGCAG     199
fasta seq/Lfusiformis seq  AAGCTGTTGCCCTTATTAGTAGTTTCATCATGGAGGGTGCTAGAGATGGAAAAAACTGTCGCACAGCTAATGAGTGAAGC.TAAGCATGTTCTGACAGCAG     199
consensus                  !********!!* *!!!**** **** *! *!*!!*!!*!!!!! !*****!!*****!**!*!!! * * *!***********!**!*!* ****

fasta seq/Bcereus seq      AAGATGTTATGGATGGTATTGCAGACATGATATCAGATATTCAAGTTGAGGCAACTTTTCCTGATGGAACAAAATTAGTAACTATTCATCAGCCAATTCA     215
fasta seq/Abaumannii seq   AAGATGTCATGGATGGTGTACCGGAAATGATTGCTGAGGTACAGGTTGAAGCAACTTTTCCTGATGGTTCGAAATTAGTCACTGTTCATCAGCCCATTGT     299
fasta seq/Bsubtilis seq    AAGATGTGATGGAGGGTGTGCCTGAGATGCTGGACAGCATTCAGGTGGAGAGGCCACATTTCCGGATGGTGTAAAGCTTGTTACGGTACATCAGCCAATTTC     299
fasta seq/Lsphaericus seq  AGGACGTAATGGAGGGTGTCGGTGACATGATTTCAGATGTACAGGTGGAATGTACCTTCCCAGATGGTACGAAACTGGTCACAGTTCACCGTCCAATTC.     298
fasta seq/Lfusiformis seq  AGGACGTAATGGAAGGTGTCGGTGACATGATTTCAGATGTACAGGTGGAATGTACCTTCCCAGATGGCACAAAACTTGTCACAGTCCACCGTCCAATTC.     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