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logo

NTDB id 1385 A4U84 RS08520 WP 005711777.1      MNNIYEFQWKGRNRFGQKQTGRQLAESREVLEKRLQQKGYSQLSISRHFALPTAPKKEEINQFMQQLALLIQAKIPLKQS   80
NTDB id 1142595 DQL22 RS04660 WP 111301450.1   MCKLKLFNWHGVNRLQQKQEGTIVAESAVIAQQQLMSRGLQHIKLQQNWQLNSKPKNAEVCSLLSQLATLLQAAVPLKNS   80
NTDB id 1367 NTHI RS01945 WP 011271971.1       .MTKKLFYYQGSNALNQKQKGSIIADTKQQAHFQLISRGLTHIKLQQNWQFGAKPKNSEISELLNQLATLLQSVIPLKNS   79
NTDB id 1356 HI 0297 AAC21961.1                .MTKKLFYYQASNPLNQKQKGSIIADTKQQAHFQLISRGLTHIKLQQNWQFGAKPKNSEISELLNQLATLLQSAIPLKNS   79
consensus                                      ******!*****!***!!!*!***!*********!***!*********** ***!!**!******!!!*!*! **!!!*!

logo

NTDB id 1385 A4U84 RS08520 WP 005711777.1      LVMLLETCQNRTFYRWQQETIRLIEAGFALSVAFK.....KQGKYINPQEIQLIKMAETSGNLGLILTNIAQRREKSEKL   155
NTDB id 1142595 DQL22 RS04660 WP 111301450.1   LQILLQHCTNIALNAWLRQLLKDIESGLAFSQALEKQNVEKQNQYLTYQDRQLIKVGEMTGKLPTVCHEIAQHKQQALAL   160
NTDB id 1367 NTHI RS01945 WP 011271971.1       LQILQQNCTQIMLNKWLERLLQSIESGLAFSQAIE.....QQGKYLTQQEIQLIQVGEMTGKLAVVCKKIATHRSQSLAL   154
NTDB id 1356 HI 0297 AAC21961.1                LQILQQNCTQIVLNEWLERLLQSIESGLAFSQAIE.....QQGKYLTQQEIQLIQVGEMTGKLAVVCKKIATHRSQSLAL   154
consensus                                      !**! **!*******!*******!!*!*!*!*!**      !**!***!**!!! **!**!*!******!! *******!

logo

NTDB id 1385 A4U84 RS08520 WP 005711777.1      AKKIKKILFYPVFILAISITLSILLLLFIVPQFAELYGSKGKSLPLITEILFSLSHFLQHSILTLIILCVLCFLLIHILN   235
NTDB id 1142595 DQL22 RS04660 WP 111301450.1   QRKIRKILLYPVLVLGISLILTALLLLFIVPQFATMYDNSSAQLPTFTQVLLTLSQGLQDYWLHLLICMALTTLFIRARL   240
NTDB id 1367 NTHI RS01945 WP 011271971.1       QRKLQKIMLYPSMVLGISLLLTLALLLFIAPQFAEMYSGNNAELPTITAILLSISNFLKQNIGILLFFVLSFFLFYYFYL   234
NTDB id 1356 HI 0297 AAC21961.1                QRKLQKIMLYPSMVLGISLLLTLALLLFIVPQFAEMYSGNNAELPTITAILLSISNFLKQNIGILLFFVLSFFLFYYFYL   234
consensus                                      **!**!!**!! **!*!!**!** !!!!!*!!!!**!******!!**!**!***!**! *** *!* *** **!* ****

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NTDB id 1385 A4U84 RS08520 WP 005711777.1      KKTDLIKRLKFIILSHIPILKGIIQYSRIIFFCQNSSLMLASHIRLDTVLHSFLANK.........SDDILLQGSLATTL   306
NTDB id 1142595 DQL22 RS04660 WP 111301450.1   KHSPWFNRQKSRLINAMPVLNRIVQLSRLVGFSRSLFLMLQAGVPLNQALQSFLPQNPSWQRSPNVQGDWLLIEEVQSIL   320
NTDB id 1367 NTHI RS01945 WP 011271971.1       KRQTWFHQKKNQLISITPIFGTIQKLSRLVNFSQSLQIMLQAGVPLNQALDSFLPRTQTWQTKKTLVNDMVLDKEVRSIL   314
NTDB id 1356 HI 0297 AAC21961.1                KRQTWFYQKKNQLISITPIFGTIQKLSRLVNFSQSLQIMLQAGVPLNQALDSFLPRTQTWQTKKTLVNDIVLDKEVRSIL   314
consensus                                      !*****  *!*******!* **!* *!!***!******!!*****!***!*!!!**************!**!*******!

logo

NTDB id 1385 A4U84 RS08520 WP 005711777.1      TYLKQGYRLADSLDPKLFPTDMLQMIAIGEQSGKLSPMLQQISDGYQQRLDYQIDILSQLLEPMLMVLMGIIVGTILVGL   386
NTDB id 1142595 DQL22 RS04660 WP 111301450.1   HWLQQGYAFSASVSGHIFPLAAQQMLQVGEQSGQLPKMLQFIANDHQQQLDYQIDLLSQMLEPLLMVIIGGLIGLIMLGM   400
NTDB id 1367 NTHI RS01945 WP 011271971.1       QWVSQGYAFSNSVSSDLFPMEAQQMLQIGEQSGKLALMLEHIADNYQEKLNHQIDLLSQMLEPLMMVIIGSLIGIIMMGM   394
NTDB id 1356 HI 0297 AAC21961.1                QWVSQGYAFSNSVSSDLFPMEAQQMLQIGEQSGKLALMLEHIAENYQEKLNHQIDLLSQMLEPLMMVIIGSLIGIIMMGM   394
consensus                                      ****!!!****!*****!!****!!***!!!!!*!**!! *!****! *! *!!!*!!!*!!!**!!**!***!*!**!*

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NTDB id 1385 A4U84 RS08520 WP 005711777.1      YLPIFDMGAMIE   398
NTDB id 1142595 DQL22 RS04660 WP 111301450.1   YLPIFNMGALVQ   412
NTDB id 1367 NTHI RS01945 WP 011271971.1       YLPIFNMGSVIQ   406
NTDB id 1356 HI 0297 AAC21961.1                YLPIFNMGSVIQ   406
consensus                                      !!!!!*!! ***
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X non conserved
X similar
X $\geq$ 50% conserved