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logo

NTDB id 1385 A4U84 RS08520 WP 005711777.1     MNNIYEFQWKGRNRFGQKQTGRQLAESREVLEKRLQQKGYSQLSISRHFALPTAPKKEEINQFMQQLALLIQAKIPLKQS    80
NTDB id 307139 DXX82 RS07240 WP 049376124.1   MAKQKLFYFQAYDQRQQWQKGSLVAQSKQAGQFLLIAKGFSRIRLQQDWQLNQKPKNAEISALLNQLATLLSSAIPLKNA    80
NTDB id 1356 HI 0297 AAC21961.1               .MTKKLFYYQASNPLNQKQKGSIIADTKQQAHFQLISRGLTHIKLQQNWQFGAKPKNSEISELLNQLATLLQSAIPLKNS    79
NTDB id 1367 NTHI RS01945 WP 011271971.1      .MTKKLFYYQGSNALNQKQKGSIIADTKQQAHFQLISRGLTHIKLQQNWQFGAKPKNSEISELLNQLATLLQSVIPLKNS    79
consensus                                     ******!****** **!*!*!***!********!***!*********** ***!!**!!*****!!!*!****!!!!**

logo

NTDB id 1385 A4U84 RS08520 WP 005711777.1     LVMLLETCQNRTFYRWQQETIRLIEAGFALSVAFKKQGKYINPQEIQLIKMAETSGNLGLILTNIAQRREKSEKLAKKIK   160
NTDB id 307139 DXX82 RS07240 WP 049376124.1   LHILQDNCTQLGLHQWLGALIELIESGISFSQSLEIQGKYLNFQEIQLIQVGEMTGKLAEVCTKIAERRTQSLALQRKLQ   160
NTDB id 1356 HI 0297 AAC21961.1               LQILQQNCTQIVLNEWLERLLQSIESGLAFSQAIEQQGKYLTQQEIQLIQVGEMTGKLAVVCKKIATHRSQSLALQRKLQ   159
NTDB id 1367 NTHI RS01945 WP 011271971.1      LQILQQNCTQIMLNKWLERLLQSIESGLAFSQAIEQQGKYLTQQEIQLIQVGEMTGKLAVVCKKIATHRSQSLALQRKLQ   159
consensus                                     !**!***!*******!****** !!*!***!*****!!!!* *!!!!!!***!**!*!**** *!!**!**!**!**!**

logo

NTDB id 1385 A4U84 RS08520 WP 005711777.1     KILFYPVFILAISITLSILLLLFIVPQFAELYGSKGKSLPLITEILFSLSHFLQHSILTLIILCVLCFLLIHILNKKTDL   240
NTDB id 307139 DXX82 RS07240 WP 049376124.1   KIMLYPAMVLGISLSLTLILLLFVVPQFAEMYGENSAELPTLTAVLLAMSQFLQYHFISLMIVCIFALFMLKMALKHSLW   240
NTDB id 1356 HI 0297 AAC21961.1               KIMLYPSMVLGISLLLTLALLLFIVPQFAEMYSGNNAELPTITAILLSISNFLKQNIGILLFFVLSFFLFYYFYLKRQTW   239
NTDB id 1367 NTHI RS01945 WP 011271971.1      KIMLYPSMVLGISLLLTLALLLFIAPQFAEMYSGNNAELPTITAILLSISNFLKQNIGILLFFVLSFFLFYYFYLKRQTW   239
consensus                                     !!**!!***!*!!**!***!!!!**!!!!!*! *****!!**!**!***!*!! ******!* **************!****

logo

NTDB id 1385 A4U84 RS08520 WP 005711777.1     IKRLKFIILSHIPILKGIIQYSRIIFFCQNSSLMLASHIRLDTVLHSFLANK.........SDDILLQGSLATTLTYLKQ   311
NTDB id 307139 DXX82 RS07240 WP 049376124.1   LNQKKNALVNRMPIWGNIICLSRLISFSHNLQLMLQSGVALTPALNSFLPKQQTWQTQRTLKGDILLQQEVRSILQWVSQ   320
NTDB id 1356 HI 0297 AAC21961.1               FYQKKNQLISITPIFGTIQKLSRLVNFSQSLQIMLQAGVPLNQALDSFLPRTQTWQTKKTLVNDIVLDKEVRSILQWVSQ   319
NTDB id 1367 NTHI RS01945 WP 011271971.1      FHQKKNQLISITPIFGTIQKLSRLVNFSQSLQIMLQAGVPLNQALDSFLPRTQTWQTKKTLVNDMVLDKEVRSILQWVSQ   319
consensus                                     * **!*******!!***! **!!***!** ***!!* ***!***!*!!!***************!**! ******!****!

logo

NTDB id 1385 A4U84 RS08520 WP 005711777.1     GYRLADSLDPKLFPTDMLQMIAIGEQSGKLSPMLQQISDGYQQRLDYQIDILSQLLEPMLMVLMGIIVGTILVGLYLPIF   391
NTDB id 307139 DXX82 RS07240 WP 049376124.1   GYPFSESVSSHLFPMEAQQMLQIGEKSGKLALMLRHIADNYQEKLNHQIDLLSQLLEPLMMLIIGSLIGIIMMGMYLPIF   400
NTDB id 1356 HI 0297 AAC21961.1               GYAFSNSVSSDLFPMEAQQMLQIGEQSGKLALMLEHIAENYQEKLNHQIDLLSQMLEPLMMVIIGSLIGIIMMGMYLPIF   399
NTDB id 1367 NTHI RS01945 WP 011271971.1      GYAFSNSVSSDLFPMEAQQMLQIGEQSGKLALMLEHIADNYQEKLNHQIDLLSQMLEPLMMVIIGSLIGIIMMGMYLPIF   399
consensus                                     !!****!****!!!****!!**!!!*!!!!!**!!**!***!!**!**!!!*!!!*!!!**!***!***!*!**!*!!!!!

logo

NTDB id 1385 A4U84 RS08520 WP 005711777.1     DMGAMIE   398
NTDB id 307139 DXX82 RS07240 WP 049376124.1   NMGSVIQ   407
NTDB id 1356 HI 0297 AAC21961.1               NMGSVIQ   406
NTDB id 1367 NTHI RS01945 WP 011271971.1      NMGSVIQ   406
consensus                                     *!!**!*
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X non conserved
X similar
X $\geq$ 50% conserved