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logo

NTDB id 1385 A4U84 RS08520 WP 005711777.1       MNNIYEFQWKGRNRFGQKQTGRQLAESREVLEKRLQQKGYSQLSISRHFALPTAPKKEEINQFMQQLALLIQAKIPLKQS   80
NTDB id 1123663 EL252 RS05805 WP 126417627.1    MKKLKMFRWKGINRLQQIQKGVIVAESKEIAQQSLLLQGVQQLHLQRNWQFSMQPKYTEICDLLMQLAMLLQASVPLKES   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 1123663 EL252 RS05805 WP 126417627.1    LQLLQRHASHIELTQWLRQLLCSLESGFSFSTALATQDRYLTKQEYQLISVGESTGKLPLVCTQLAKQRQQSLALRRKVQ   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 1123663 EL252 RS05805 WP 126417627.1    KMLFYPMLVLAVTLILTLLLLLFIVPQFAEIYANQ..PLPAFTVLLNISTGLRGYAFQLSLLLIFGFIFLMLNVRQRVG   238
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       IKRLKFIILSHIPILKGIIQYSRIIFFCQNSSLMLASHIRLDTVLHSFLANKS.........DDILLQGSLATTLTYLKQ   311
NTDB id 1123663 EL252 RS05805 WP 126417627.1    LYRLKNCLLHFIPIFKQIAQHHELIHFCRHLHLMLSSGMPLQQALQTFLPTQKSGIAKH.ALTEMRLAEEVQLMLKGIAQ   317
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 1123663 EL252 RS05805 WP 126417627.1    GYTFSEVIGSNLFPEMAQQMLHVGEQTGRLSEMLQYIAESYQQKLEHQLDLLSQLLEPCLMLVIGSIIGVILLGMYLPMF   397
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 1123663 EL252 RS05805 WP 126417627.1    NMGALV.   403
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