```
logo
NTDB id 1356 HI 0297 AAC21961.1          .MTKKLFYYQASNPLNQKQKGSIIADTKQQAHFQLISRGLTHIKLQQNWQFGAKPKNSEISELLNQLATLLQSAIPLKNSLQILQ   84
NTDB id 1367 NTHI RS01945 WP 011271971.1 .MTKKLFYYQGSNALNQKQKGSIIADTKQQAHFQLISRGLTHIKLQQNWQFGAKPKNSEISELLNQLATLLQSVIPLKNSLQILQ   84
NTDB id 58292 MHH RS21525 WP 006248403.1 MTKIYEFHWQAQSRFGQKQRGKRLATNRDMLENLLLAQGYQHIRISRNFVLSANPKKEEVNSLLSQLALLVNSAMPLKQALSMLL   85
NTDB id 1385 A4U84 RS08520 WP 005711777.1 MNNIYEFQWKGRNRFGQKQTGRQLAESREVLEKRLQQKGYSQLSISRHFALPTAPKKEEINQFMQQLALLIQAKIPLKQSLVMLL   85
consensus                                *** !******* !!!*!***!***** ***!***! ***** *** ***!! !* ****!!! !*****!!!**!**!

logo
NTDB id 1356 HI 0297 AAC21961.1          QNCTQIVLNEWLERLLQSIESGLAFSQAIEQQGKYLTQQEIQLIQVGEMTGKLAVVCKKIATHRSQSLALQRKLQKIMLYPSMVL  169
NTDB id 1367 NTHI RS01945 WP 011271971.1 QNCTQIMLNKWLERLLQSIESGLAFSQAIEQQGKYLTQQEIQLIQVGEMTGKLAVVCKKIATHRSQSLALQRKLQKIMLYPSMVL  169
NTDB id 58292 MHH RS21525 WP 006248403.1 QNCRNIRLYLWLNELIQHIESGYAFSQSLEKLGEFVTNQEIQLIKMGEQSGKLGIMLTNLAESRAKLEKLAKKVKKILFYPVIVL  170
NTDB id 1385 A4U84 RS08520 WP 005711777.1 ETCQNRTFYRWQQETIRLIEAGFALSVAFKKQGKYINPQEIQLIKMAETSGNLGLILTNIAQRREKSEKLAKKIKKILFYPVFIL  170
consensus                                **!***** *!** ****!!*!*!*!**** *!*****!!!!!! **!**!*!**** *!**!* * ! *!* !!* !! **!

logo
NTDB id 1356 HI 0297 AAC21961.1          GISLLLTLALLLFIVPQFAEMYSGNNAELPTITAILLSISNFLKQNIGILLFFVLSFFLFYYFYLKRQTWFYQKKNQLISITPIF  254
NTDB id 1367 NTHI RS01945 WP 011271971.1 GISLLLTLALLLFIAPQFAEMYSGNNAELPTITAILLSISNFLKQNIGILLFFVLSFFLFYYFYLKRQTWFHQKKNQLISITPIF  254
NTDB id 58292 MHH RS21525 WP 006248403.1 LISLALSIGLLVLIVPQFAQLYGSKDKTLPLITDILFTLSECLIEQGTVLLGTLLLAVIFYLFFAKKSRLVAKWKMALWAKMPLF  255
NTDB id 1385 A4U84 RS08520 WP 005711777.1 AISITLSILLLLFIVPQFAELYGSKGKSLPLITEILFSLSHFLQHSILTLIILCVLCFLLIHILNKKTDLIKRLKFIILSHIPIL  255
consensus                                *!!**!***!!**!*!!!!**!   * *!! !!*!! **!**!******!***** *********!*** * **!*******!**

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NTDB id 1356 HI 0297 AAC21961.1          GTIQKLSRLVNFSQSLQIMLQAGVPLNQALDSFLPRTQTWQTKKTLVNDIVLDKEVRSILQWVSQGYAFSNSVSSDLFPMEAQQM  339
NTDB id 1367 NTHI RS01945 WP 011271971.1 GTIQKLSRLVNFSQSLQIMLQAGVPLNQALDSFLPRTQTWQTKKTLVNDMVLDKEVRSILQWVSQGYAFSNSVSSDLFPMEAQQM  339
NTDB id 58292 MHH RS21525 WP 006248403.1 SRIIEQSRIIFFSQNIALMLNAHIPLDVALRSFLSEK.........NDDPILQQEIGTMLNLLQQGYKFSQGINPNVFGAEMAQM  331
NTDB id 1385 A4U84 RS08520 WP 005711777.1 KGIIQYSRIIFFCQNSSLMLASHIRLDTVLHSFLANK.........SDDILLQGSLATTLTYLKQGYRLADSLDPKLFPTDMLQM  331
consensus                                **! **!!** !*! ***!!*****! **!*!!!** ********** !**! ******!****!!!**********!*** *!!

logo
NTDB id 1356 HI 0297 AAC21961.1          LQIGEQSGKLALMLEHIAENYQEKLNHQIDLLSQMLEPLMMVIIGSLIGIIMMGMYLPIFNMGSVIQ  406
NTDB id 1367 NTHI RS01945 WP 011271971.1 LQIGEQSGKLALMLEHIADNYQEKLNHQIDLLSQMLEPLMMVIIGSLIGIIMMGMYLPIFNMGSVIQ  406
NTDB id 58292 MHH RS21525 WP 006248403.1 LEVGEKSGNVAKMCEHISEMYQQKLDYQIDILSQLLEPMLMLIMGVIVGTIIVGLYLPIFDMGALVE  398
NTDB id 1385 A4U84 RS08520 WP 005711777.1 IAIGEQSGKLSPMLQQISDGYQQRLDYQIDILSQLLEPMLMVLMGIIVGTILVGLYLPIFDMGAMIE  398
consensus                                ***!!*!!****!***! **!! *! *!!!*!!!*!!!**!***!***! !**!*!!!!! !! **
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X non conserved

X similar

X ≥ 50% conserved