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

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

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

logo
NTDB id 1385 A4U84 RS08520 WP 005711777.1  KGIIQYSRIIFFCQNSSLMLASHIRLDTVLHSFLANK.........SDDILLQGSLATTLTYLKQGYRLADSLDPKLFPTDMLQM  331
NTDB id 1356 HI 0297 AAC21961.1            GTIQKLSRLVNFSQSLQIMLQAGVPLNQALDSFLPRTQTWQTKKTLVNDIVLDKEVRSILQWVSQGYAFSNSVSSDLFPMEAQQM  339
NTDB id 1367 NTHI RS01945 WP 011271971.1   GTIQKLSRLVNFSQSLQIMLQAGVPLNQALDSFLPRTQTWQTKKTLVNDMVLDKEVRSILQWVSQGYAFSNSVSSDLFPMEAQQM  339
consensus                                  **!***!!***!*!****!!*****!***!*!!!***************!**!*******!****!!!****!****!!!****!!

logo
NTDB id 1385 A4U84 RS08520 WP 005711777.1  IAIGEQSGKLSPMLQQISDGYQQRLDYQIDILSQLLEPMLMVLMGIIVGTILVGLYLPIFDMGAMIE  398
NTDB id 1356 HI 0297 AAC21961.1            LQIGEQSGKLALMLEHIAENYQEKLNHQIDLLSQMLEPLMMVIIGSLIGIIMMGMYLPIFNMGSVIQ  406
NTDB id 1367 NTHI RS01945 WP 011271971.1   LQIGEQSGKLALMLEHIADNYQEKLNHQIDLLSQMLEPLMMVIIGSLIGIIMMGMYLPIFNMGSVIQ  406
consensus                                  **!!!!!!!!**!!**!***!!**!**!!!*!!!*!!!**!!**!***!*!**!*!!!!!*!!**!*
```

X non conserved

X similar

X ≥ 50% conserved