```
logo
NTDB id 1356 HI 0297 AAC21961.1          .MTKKLFYYQASNPLNQKQKGSIIADTKQQAHFQLISRGLTHIKLQQNWQFGAKPKNSEISELLNQLATLLQSAIPLKNSLQILQ   84
NTDB id 1367 NTHI RS01945 WP 011271971.1 .MTKKLFYYQGSNALNQKQKGSIIADTKQQAHFQLISRGLTHIKLQQNWQFGAKPKNSEISELLNQLATLLQSVIPLKNSLQILQ   84
NTDB id 115233 F543 RS12345 WP 331279681.1 MFNVYEFRWQARDRFGQKQSGKQLAESTQQLEQRLQQQGFSHIRIQRNFVLPQQPKSSEITQFLQQFALLTNATIPLKLSLTMLL   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 115233 F543 RS12345 WP 331279681.1 ENCQNSKIYLWLRAVIQQLENGFSLAQSFENTGKFLTQQEIQLIKIGEQSGELNKILSNISQNRQRSEQLNKKLKKFYFIPS...   167
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 115233 F543 RS12345 WP 331279681.1 ........................................................................................   167
NTDB id 1385 A4U84 RS08520 WP 005711777.1 AISITLSILLLLFIVPQFAELYGSKGKSLPLITEILFSLSHFLQHSILTLIILCVLCFLLIHILNKKTDLIKRLKFIILSHIPIL   255
consensus                                 ********************************************************************* *************

logo
NTDB id 1356 HI 0297 AAC21961.1          GTIQKLSRLVNFSQSLQIMLQAGVPLNQALDSFLPRTQTWQTKKTLVNDIVLDKEVRSILQWVSQGYAFSNSVSSDLFPMEAQQM   339
NTDB id 1367 NTHI RS01945 WP 011271971.1 GTIQKLSRLVNFSQSLQIMLQAGVPLNQALDSFLPRTQTWQTKKTLVNDMVLDKEVRSILQWVSQGYAFSNSVSSDLFPMEAQQM   339
NTDB id 115233 F543 RS12345 WP 331279681.1 ........................................................................................   167
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 115233 F543 RS12345 WP 331279681.1 ........................................................................   167
NTDB id 1385 A4U84 RS08520 WP 005711777.1 IAIGEQSGKLSPMLQQISDGYQQRLDYQIDILSQLLEPMLMVLMGIIVGTILVGLYLPIFDMGAMIE   398
consensus                                 ************************************************************************
```

X non conserved

X similar

X ≥50% conserved