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logo
NTDB id 1385 A4U84 RS08520 WP 005711777.1   MNNIYEFQWKGRNRFGQKQTGRQLAESREVLEKRLQQKGYSQLSISRHFALPTAPKKEEINQFMQQLALLIQAKIPLKQSLVMLL   85
NTDB id 23659 MS RS01645 WP 041639504.1     .MTLKRYRWKALNRLKQTQSGFILAESDIQAKQNLLARNLYEIKLQQDWQLRYKVSNAEICDVLNQLATLLDAQIPLKESLHILI   84
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 23659 MS RS01645 WP 041639504.1     QNCSSIPLNQWLRNLLSQLERGFAFSKSIELQGLYLSAQELQLIKVGEMSGKLSYVCSQIAHFRQQQLALQRKIQKILLYPLVVL   169
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   AISITLSILLLLFIVPQFAELYGSKGKSLPLITEILFSLSHFLQHSILTLIILCVLCFLLIHILNKKTDLIKRLKFILLSHIPIL   255
NTDB id 23659 MS RS01645 WP 041639504.1     VISATLTLLLIFIVPQFAEMYQDNNQDLPFITKFLLVLSHSLTHYIWYIIGVATLTFIFIKKQWRHSIWLYKCAQQLMALMPLI   254
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 23659 MS RS01645 WP 041639504.1     STIKQQARLINFCRSLQLMLNAGIPLQQGLQAFLPQIKTWQNTGALPGDLILVEEVQAILHWIKQGYGFSNSVGSRLFPQQAQQI   339
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 23659 MS RS01645 WP 041639504.1     LQVGESSGQLSNILQKIADDYQQQLDHKIDLLSQLLEPFLMLLIGIIIGVIMLGMYLPIFNMGNIM.   405
NTDB id 1356 HI 0297 AAC21961.1             LQIGEQSGKLALMLEHIAENYQEKLNHQIDLLSQMLEPLMMVIIGSLIGIIMMGMYLPIFNMGSVIQ   406
NTDB id 1367 NTHI RS01945 WP 011271971.1    LQIGEQSGKLALMLEHIADNYQEKLNHQIDLLSQMLEPLMMVIIGSLIGIIMMGMYLPIFNMGSVIQ   406
consensus                                   ***!!*!!*! **! *!***!! *! **!!*!!!*!!!**!***! **!*!**!*!!!!!*!!****
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X non conserved

X similar

X ≥ 50% conserved