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logo
NTDB id 1367 NTHI RS01945 WP 011271971.1   .MTKKLFYYQGSNALNQKQKGSIIADTKQQAHFQLISRGLTHIKLQQNWQFGAKPKNSEISELLNQLATLLQSVIPLKNSLQILQ   84
NTDB id 1356 HI 0297 AAC21961.1            .MTKKLFYYQASNPLNQKQKGSIIADTKQQAHFQLISRGLTHIKLQQNWQFGAKPKNSEISELLNQLATLLQSAIPLKNSLQILQ   84
NTDB id 25626 HAPS RS09755 WP 005711777.1  MNNIYEFQWKGRNRFGQKQTGRQLAESREVLEKRLQQKGYSQLSISRHFALPTAPKKEEINQFMQQLALLIQAKIPLKQSLVMLL   85
NTDB id 1385 A4U84 RS08520 WP 005711777.1  MNNIYEFQWKGRNRFGQKQTGRQLAESREVLEKRLQQKGYSQLSISRHFALPTAPKKEEINQFMQQLALLIQAKIPLKQSLVMLL   85
NTDB id 1469 ASU2 RS05085 WP 014991733.1   MVSIFEFHWKAKNRFQQKQSGILLAQNHAEAEQKLLAKGYQYIHIQRNFTFSRQPKADEVTQFLAQLALLINASIPFKQALMMQQ   85
consensus                                  ******! ****!***!!!*! **!***  ** *!* *!** * ***** *   !! *!******!!!*!*** !!*!**!****

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NTDB id 1367 NTHI RS01945 WP 011271971.1   QNCTQIMLNKWLERLLQSIESGLAFSQAIEQQGKYLTQQEIQLIQVGEMTGKLAVVCKKIATHRSQSLALQRKLQKIMLYPSMVL   169
NTDB id 1356 HI 0297 AAC21961.1            QNCTQIVLNEWLERLLQSIESGLAFSQAIEQQGKYLTQQEIQLIQVGEMTGKLAVVCKKIATHRSQSLALQRKLQKIMLYPSMVL   169
NTDB id 25626 HAPS RS09755 WP 005711777.1  ETCQNRTFYRWQQETIRLIEAGFALSVAFKKQGKYINPQEIQLIKMAETSGNLGLILTNIAQRREKSEKLAKKIKKILFYPVFIL   170
NTDB id 1385 A4U84 RS08520 WP 005711777.1  ETCQNRTFYRWQQETIRLIEAGFALSVAFKKQGKYINPQEIQLIKMAETSGNLGLILTNIAQRREKSEKLAKKIKKILFYPVFIL   170
NTDB id 1469 ASU2 RS05085 WP 014991733.1   ENCTNIKLYQWLLALNASISSGYSFSASLAKLDLYLSKQEIQLIRMGEQSGKLSVVLENIAKTRNQADKLAKKVRKITFYPLIVL   170
consensus                                  **!*** ***!*  ** *!**!***! ** ****!** !!!!!!***! *!*!**** *!!  ! ****!**!**!!**!!***!

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NTDB id 1367 NTHI RS01945 WP 011271971.1   GISLLLTLALLLFIAPQFAEMYSGNNAELPTITAILLSISNFLKQNIGILLFFVLSFFLFYYFYLKRQTWFHQKKNQLISITPIF   254
NTDB id 1356 HI 0297 AAC21961.1            GISLLLTLALLLFIVPQFAEMYSGNNAELPTITAILLSISNFLKQNIGILLFFVLSFFLFYYFYLKRQTWFYQKKNQLISITPIF   254
NTDB id 25626 HAPS RS09755 WP 005711777.1  AISITLSILLLLFIVPQFAELYGSKGKSLPLITEILFSLSHFLQHSILTLIILCVLCFLLIHILNKKTDLIKRLKFIILSHIPIL   255
NTDB id 1385 A4U84 RS08520 WP 005711777.1  AISITLSILLLLFIVPQFAELYGSKGKSLPLITEILFSLSHFLQHSILTLIILCVLCFLLIHILNKKTDLIKRLKFIILSHIPIL   255
NTDB id 1469 ASU2 RS05085 WP 014991733.1   VISCVLTLGLLVFIVPQFADLYMGKAQNLPWLTSLLFSLSAFLRQNGIFLCCGSIVVMGVLLCFAKKFGNLTACQMRLLSYIPFF   255
consensus                                  *!!**!***!!*!!*!!!!**! ***  !! *! *!*!*! !!***** !*   ** ****  * !*   *   *  **!  *!**

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NTDB id 1367 NTHI RS01945 WP 011271971.1   GTIQKLSRLVNFSQSLQIMLQAGVPLNQALDSFLPRTQTWQTKKTLVNDMVLDKEVRSILQWVSQGYAFSNSVSSDLFPMEAQQM   339
NTDB id 1356 HI 0297 AAC21961.1            GTIQKLSRLVNFSQSLQIMLQAGVPLNQALDSFLPRTQTWQTKKTLVNDIVLDKEVRSILQWVSQGYAFSNSVSSDLFPMEAQQM   339
NTDB id 25626 HAPS RS09755 WP 005711777.1  KGIIQYSRIIFFCQNSSLMLASHIRLDTVLHSFLANK.........SDDILLQGSLATTLTYLKQGYRLADSLDPKLFPTDMLQM   331
NTDB id 1385 A4U84 RS08520 WP 005711777.1  KGIIQYSRIIFFCQNSSLMLASHIRLDTVLHSFLANK.........SDDILLQGSLATTLTYLKQGYRLADSLDPKLFPTDMLQM   331
NTDB id 1469 ASU2 RS05085 WP 014991733.1   NQVIRYTRIIFFTQNLALMLSAHLHLEVALKAFLAEK.........MHDRLLQEQVRLTLSLLQQGYKFSEGLNPAVFTPQMVQM   331
consensus                                    *****!***!*!** *!! *** !* *! *!!* *         * !**!*  ****!*** !!!****** * *!* ***!!

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NTDB id 1367 NTHI RS01945 WP 011271971.1   LQIGEQSGKLALMLEHIADNYQEKLNHQIDLLSQMLEPLMMVIIGSLIGIIMMGMYLPIFNMGSVIQ   406
NTDB id 1356 HI 0297 AAC21961.1            LQIGEQSGKLALMLEHIAENYQEKLNHQIDLLSQMLEPLMMVIIGSLIGIIMMGMYLPIFNMGSVIQ   406
NTDB id 25626 HAPS RS09755 WP 005711777.1  IAIGEQSGKLSPMLQQISDGYQQRLDYQIDILSQLLEPMLMVLMGIIVGTILVGLYLPIFDMGAMIE   398
NTDB id 1385 A4U84 RS08520 WP 005711777.1  IAIGEQSGKLSPMLQQISDGYQQRLDYQIDILSQLLEPMLMVLMGIIVGTILVGLYLPIFDMGAMIE   398
NTDB id 1469 ASU2 RS05085 WP 014991733.1   ITIGEKSANLAVMCTQISDIYQLKLDYQIDLLSQLLEPILMLLMGIIIGTVLIGLYLPIFDLGILV.   397
consensus                                  * !!!*!**!**!* *!** !! *!**!!!*!!!*!!!**!***!***!****!*!!!!!**!  **
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X non conserved
X similar
X $\geq$50% conserved