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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1186 GTF74 RS01320 WP 000788426.1    ..MKNGLKT..YVAQTWLTLWVGLALCASSMVFSAESATANQLENIDFRVNKEKAAVLIVELASPSAVVDVQKVQEGLSI    76
NTDB id 1175 A1552VC RS12105 WP 000788426.1  ..MKNGLKT..YVAQTWLTLWVGLALCASSMVFSAESATANQLENIDFRVNKEKAAVLIVELASPSAVVDVQKVQEGLSI    76
NTDB id 1408 DSB67 RS13980 WP 010643500.1    MKMRHGLTLTPRKLTGLFSLWFSLLLAP...FVAAEEVQSNSLKSIDFRTNKDKDAVIVVELVSPAAIVDIKRVQEGLSI    77
NTDB id 1381 A4U84 RS02010 WP 021113424.1    ..........................................................................    0
NTDB id 1370861 K6J56 RS02925 WP 011272046.1 ..........................................................................    0
NTDB id 1373 NTHI RS02645 WP 011272046.1     ..........................................................................    0
NTDB id 1347 HI 0435 AAC22094.1              ..........................................................................    0
consensus

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1186 GTF74 RS01320 WP 000788426.1    ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEFQHDYTLKGKYLEVVISK.LKADEKPKPKSVLEKE   155
NTDB id 1175 A1552VC RS12105 WP 000788426.1  ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEFQHDYTLKGKYLEVVISK.LKADEKPKPKSVLEKE   155
NTDB id 1408 DSB67 RS13980 WP 010643500.1    DLLNTSVKDDQLYLLDVKDFSTVVESVEVFRDTSTTRLVAYIDEDYSHDYRLTGRYLEVKVGK.LKANEKAPDKSILDKE   156
NTDB id 1381 A4U84 RS02010 WP 021113424.1    ..........................................MRYLFLLFFATF...........PVLA    16
NTDB id 1370861 K6J56 RS02925 WP 011272046.1 ..........................................MKKYFLKCGYFLVCFCLPLIVFAN......PKTD    28
NTDB id 1373 NTHI RS02645 WP 011272046.1     ..........................................MKKYFLKCGYFLVCFCLPLIVFAN......PKTD    28
NTDB id 1347 HI 0435 AAC22094.1              ..........................................MKKYFLKCGYFLVCFCLPLIVFAN......PKTD    28
consensus                                                                                 * ** *!* * *   *           *  *

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1186 GTF74 RS01320 WP 000788426.1    GKLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVGNLTLRLDGVPWQQVLDIILQVKGLDKRVDGNVILIAPKEELDLR   235
NTDB id 1175 A1552VC RS12105 WP 000788426.1  GKLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVGNLTLRLDGVPWQQVLDIILQVKGLDKRVDGNVILIAPKEELDLR   235
NTDB id 1408 DSB67 RS13980 WP 010643500.1    GKLISINFQDIPVRNVLQLIADYNQFNLVVSDSVEGNLTLRLDGVPWQQVLDIILQVKGLDKRVDGNVILVAPKDELDLR   236
NTDB id 1381 A4U84 RS02010 WP 021113424.1    NQQISLSIRNAPTAEIISYLAEETGKNITISDEIKDTKNFRVEKSHFDEILNSLIKTHQLNLKKENGIYYIHQAQEH...    93
NTDB id 1370861 K6J56 RS02925 WP 011272046.1 NECFFIRLSQAPLAQTLEQLAFQQDVNLVMGERLEGNISLKLNNIDMPRLLKIIAKSKHLTLNKDDGVYYLNGSQSG...   105
NTDB id 1373 NTHI RS02645 WP 011272046.1     NECFFIRLSQAPLAQTLEQLAFQQDVNLVMGERLEGNISLKLNNIDMPRLLKIIAKSKHLTLNKDDGVYYLNGSQSG...   105
NTDB id 1347 HI 0435 AAC22094.1              NERFFIRLSQAPLAQTLEQLAFQQDVNLVIGDILENKISLKLNNIDMPRLLQIIAKSKHLTLNKDDGIYYLNGSQSG...   105
consensus                                    *  *** * **!*****  *!* *  !***** ********** * *  *! ****** ! ****  *****   **

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1186 GTF74 RS01320 WP 000788426.1    EKQALEKARLAEELGDLKSEIIKINFAKASDIAAMIGGEGNVNMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLD   315
NTDB id 1175 A1552VC RS12105 WP 000788426.1  EKQALEKARLAEELGDLKSEIIKINFAKASDIAAMIGGEGNVNMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLD   315
NTDB id 1408 DSB67 RS13980 WP 010643500.1    EKQQLEKQKLEKEIGELSSEIIKVNFAKASDIAEMINGEGNISMLSDRGSMTIDERTNSLLIRELPENIEVIREIIESLD   316
NTDB id 1381 A4U84 RS02010 WP 021113424.1    ..KQHTTAQLVNALPKLITKTIKLHYSKASEVIESLT.KGQGNLLSESGYLHFDDRSNSIIVKDSAASVKNFTQLIESLD   170
NTDB id 1370861 K6J56 RS02925 WP 011272046.1 ..KGQVAGNLTTNEPHLVSHTVKLHFAKASELMKSLT.TGSGSLLSSAGSITFDDRSNLLVIQDEPRFVQNIKKLIAEMD   182
NTDB id 1373 NTHI RS02645 WP 011272046.1     ..KGQVAGNLTTNEPHLVSHTVKLHFAKASELMKSLT.TGSGSLLSSAGSITFDDRSNLLVIQDEPRFVQNIKKLIAEMD   182
NTDB id 1347 HI 0435 AAC22094.1              ..KGQVAGNLTTNEPHLVSHTVKLHFAKASELMKSLT.TGSGSLLSPAGSITFDDRSNLLVIQDEPRSVQNIKKLIAEMD   182
consensus                                      **    **!    ** !** **!****!!!*** ***   !****!!* !****!*!*!****** *   * ***  *!***!
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logo
NTDB id 1186 GTF74 RS01320 WP 000788426.1     IPVKQVQIEARIVTVKEGNLEELGVRWGVMSTNGSHS.VGGSIESNLWQKGLLAD........DEFPVDEFLNVNLASTS   386
NTDB id 1175 A1552VC RS12105 WP 000788426.1   IPVKQVQIEARIVTVKEGNLEELGVRWGVMSTNGSHS.VGGSIESNLWQKGLLAD........DEFPVDEFLNVNLASTS   386
NTDB id 1408 DSB67 RS13980 WP 010643500.1     IPVKQVQIEARIVTINEGNMDELGVRWGFTSINGSHT.VGGSIENNLATIGLYDGGGEGDDGGSSVGIDDFLNVNLAATS   395
NTDB id 1381 A4U84 RS02010 WP 021113424.1     KPTEQIAIEARIVTISSEHLQQLGVRWGLFSPNENHYKLAGNLEGN..................GLTT..NNLNVNF..PV   229
NTDB id 70861 K6J56 RS02925 WP 011272046.1    KPIEQIAIEARIVTITDESLKELGVRWGIFNPTENARRVAGSLTGN..................SFENIADNLNVNFATTT   245
NTDB id 1373 NTHI RS02645 WP 011272046.1      KPIEQIAIEARIVTITDESLKELGVRWGIFNPTENARRVAGSLTGN..................SFENIADNLNVNFATTT   245
NTDB id 1347 HI 0435 AAC22094.1               KPIEQIAIEARIVTITDESLKELGVRWGIFNPTENARRVAGSLTGN..................SFENIADNLNVNFATTT   245
consensus                                     *!**!**!!!!!!!**** * *!!!!!!********* ***!****!                 *    * **!!!!*****

logo
NTDB id 1186 GTF74 RS01320 WP 000788426.1     ANASSIAFQVAKLGSGTLLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSSS.GASTVAFKKAVLSLK   465
NTDB id 1175 A1552VC RS12105 WP 000788426.1   ANASSIAFQVAKLGSGTLLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSSS.GASTVAFKKAVLSLK   465
NTDB id 1408 DSB67 RS13980 WP 010643500.1     PNATSIAFQVAKLGSDTLLDLELSALQQESKAEIISSPRLITTNKKPAYIEQGTEIPYLESSSS.GATSVTFKKAVLSLK   474
NTDB id 1381 A4U84 RS02010 WP 021113424.1     NPSASVALQIAAIN.SRVLDLELTALESENNIEIIASPRLLTTDKKTASIKQGTEIPYAMYSKKEEITDIEFREAVLGLE   308
NTDB id 70861 K6J56 RS02925 WP 011272046.1    TPAGSIALQVAKIN.GRLLDLELSALERENNVEIIASPRLLTTNKKSASIKQGTEIPYIVSNTRNDTQSVEFREAVLGLE   324
NTDB id 1373 NTHI RS02645 WP 011272046.1      TPAGSIALQVAKIN.GRLLDLELSALERENNVEIIASPRLLTTNKKSASIKQGTEIPYIVSNTRNDTQSVEFREAVLGLE   324
NTDB id 1347 HI 0435 AAC22094.1               TPAGSIALQVAKIN.GRLLDLELSALERENNVEIIASPRLLTTNKKSASIKQGTEIPYIVSNTRNDTQSVEFREAVLGLE   324
consensus                                      ***!*!*!*!*** ***!!!!!!*!!* !***!!!*!!!!*!!*!**!*!*!!!!!!!****** * ****!**!!!*!*

logo
NTDB id 1186 GTF74 RS01320 WP 000788426.1     VTPQITPDNRLVLDLSVTQDRRGETVKTGTGEAVSIDTQRIGTQVLVNNGETVVLGGIFQHSINNSVDKVPLLGDLPVLG   545
NTDB id 1175 A1552VC RS12105 WP 000788426.1   VTPQITPDNRLVLDLSVTQDRRGETVKTGTGEAVSIDTQRIGTQVLVNNGETVVLGGIFQHSINNSVDKVPLLGDLPVLG   545
NTDB id 1408 DSB67 RS13980 WP 010643500.1     VTPQITPDNRLVLDLSVTQDRPGQVVKTGTGEAVAIDTQRIGTQVLVNNGETVVLGGIFQHSITNSVDKVPLLGDLPLLG   554
NTDB id 1381 A4U84 RS02010 WP 021113424.1     VTPHISKQNQILLDLAISQNSPNNQIN...NTMVTIDKQEIKTQVLAKHGETIVLGGIFQHLIAKGEDKVPLLGSIPVIK   385
NTDB id 70861 K6J56 RS02925 WP 011272046.1    VTPHISKDNNILLDLLVSQNSPGSRVAYGQNEVVSIDKQEINTQVFAKDGETIVLGGVFHDTITKSEDKVPLLGDIPVIK   404
NTDB id 1373 NTHI RS02645 WP 011272046.1      VTPHISKDNNILLDLLVSQNSPGSRVAYGQNEVVSIDKQEINTQVFAKDGETIVLGGVFHDTITKSEDKVPLLGDIPVIK   404
NTDB id 1347 HI 0435 AAC22094.1               VTPHISKDNNILLDLLVSQNSPGSRVAYGQNEVVSIDKQEINTQVFAKDGETIVLGGVFHDTITKSEDKVPLLGDIPVIK   404
consensus                                     !!!*!***!***!!! **!****  *  * ***!*!!*!*! !!!*** !!!*!!!!!*!***!****!!!!!!!**!***

logo
NTDB id 1186 GTF74 RS01320 WP 000788426.1     ALFRRTYEQMGKSELLIFVTPKVVIQ...............   571
NTDB id 1175 A1552VC RS12105 WP 000788426.1   ALFRRTYEQMGKSELLIFVTPKVVIQ...............   571
NTDB id 1408 DSB67 RS13980 WP 010643500.1     ALFRRSYENVGKSELLIFVTPKVVIQ...............   580
NTDB id 1381 A4U84 RS02010 WP 021113424.1     RLFSQSQDKISKRELVIFVTPYIVKSEKIG.AEKQK.....   420
NTDB id 70861 K6J56 RS02925 WP 011272046.1    RLFSKESERHQKRELVIFVTPHILKAGETLEALKQKSAGKK   445
NTDB id 1373 NTHI RS02645 WP 011272046.1      RLFSKESERHQKRELVIFVTPHILKAGETLEALKQKSAGKK   445
NTDB id 1347 HI 0435 AAC22094.1               RLFSKESERHQKRELVIFVTPHILKAGETLEALKQKSEGKK   445
consensus                                     *!!*** *** !*!!*!!!!! ***      * ***
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X non conserved

X similar

X ≥ 50% conserved