logo

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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 1210457 BTV17 RS06580 WP 012340255.1  ..........................................................................................     0
NTDB id 1347 HI 0435 AAC22094.1               ..........................................................................................     0
NTDB id 1373 NTHI RS02645 WP 011272046.1      ..........................................................................................     0
consensus
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NTDB id 1186 GTF74 RS01320 WP 000788426.1     ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEFQHDYTLKGKYLEVVIS.KLKADEKPKPKSVLEKE   155
NTDB id 1175 A1552VC RS12105 WP 000788426.1   ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEFQHDYTLKGKYLEVVIS.KLKADEKPKPKSVLEKE   155
NTDB id 1408 DSB67 RS13980 WP 010643500.1     DLLNTSVKDDQLYLLDVKDFSTVVESVEVFRDTSTTRLVAYIDEDYSHDYRLTGRYLEVKVG.KLKANEKAPDKSILDKE   156
NTDB id 1381 A4U84 RS02010 WP 021113424.1     ..........................................MRYLFLLFFATF.........P..VLA    16
NTDB id 1210457 BTV17 RS06580 WP 012340255.1  ......................................MLIKNFLY..FFLFLFT.....................    15
NTDB id 1347 HI 0435 AAC22094.1               ......................................MKKYFLKCGYFLVCFCLPLIVFAN....P..KTD    28
NTDB id 1373 NTHI RS02645 WP 011272046.1      ......................................MKKYFLKCGYFLVCFCLPLIVFAN....P..KTD    28
consensus                                                                * **  ***  ***    *              *
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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     NQQISLSIRNAPTAEIISYLAEETGKNITISDEIKDTKNFRVEKSHFDEILNSLIKTHQLNLKKENGIYYIHQAQEHK..    94
NTDB id 1210457 BTV17 RS06580 WP 012340255.1  ......................VSVELSARDPFDK.....................RQRSIKKETNIQL.......D..    42
NTDB id 1347 HI 0435 AAC22094.1               NERFFIRLSQAPLAQTLEQLAFQQDVNLVIGDILENKISLKLNNIDMPRLLQIIAKSKHLTLNKDDGIYYLNGSQSGK..   106
NTDB id 1373 NTHI RS02645 WP 011272046.1      NECFFIRLSQAPLAQTLEQLAFQQDVNLVMGERLEGNISLKLNNIDMPRLLKIIAKSKHLTLNKDDGVYYLNGSQSGK..   106
consensus                                        ***      **  ***   ***  *   ****** ********** * *   **  ***   * *  ****  **  **     * *
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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     ...QHTTAQLVNALPKLITKTIKLHYSKASEVIESLT.KGQGNLLSESGYLHFDDRSNSIIVKDSAASVKNFTQLIESLD   170
NTDB id 1210457 BTV17 RS06580 WP 012340255.1  ...TKENLSKSTNEPNLTTTSIKLHYAKAADVMKSLT.TGQGSWLSSNGTFSFDERSNLLLIQDNQETLNALKKLIKEMD   118
NTDB id 1347 HI 0435 AAC22094.1               ...GQVAGNLTTNEPHLVSHTVKLHFAKASELMKSLT.TGSGSLLSPAGSITFDDRSNLLVIQDEPRSVQNIKKLIAEMD   182
NTDB id 1373 NTHI RS02645 WP 011272046.1      ...GQVAGNLTTNEPHLVSHTVKLHFAKASELMKSLT.TGSGSLLSSAGSITFDDRSNLLVIQDEPRFVQNIKKLIAEMD   182
consensus                                        * * *  *    **  !  *  **!****!!**** ***   !****!!* !****!*!*!****** **  *   **  *!***!
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NTDB id 1186 GTF74 RS01320 WP 000788426.1    IPVKQVQIEARIVTVKEGNLEELGVRWGVMSTNGS.HSVGGSIESNLWQKGLLAD.....DEFPVDEFLNVNLASTS  386
NTDB id 1175 A1552VC RS12105 WP 000788426.1  IPVKQVQIEARIVTVKEGNLEELGVRWGVMSTNGS.HSVGGSIESNLWQKGLLAD.....DEFPVDEFLNVNLASTS  386
NTDB id 1408 DSB67 RS13980 WP 010643500.1    IPVKQVQIEARIVTINEGNMDELGVRWGFTSINGS.HTVGGSIENNLATIGLYDGGGEGDDGGSSVGIDDFLNVNLAATS  395
NTDB id 1381 A4U84 RS02010 WP 021113424.1    KPTEQIAIEARIVTISSEHLQQLGVRWGLFSPNENHYKLAGNLEGN.................GLTT..NNLNVNFP..V  229
NTDB id 210457 BTV17 RS06580 WP 012340255.1  QPIEQIAIEARIVTISDENLKELGVRWGIFEPTNNAHHLSGNLAAN.................GFQHLTEQLNVNFATTA  181
NTDB id 1347 HI 0435 AAC22094.1              KPIEQIAIEARIVTITDESLKELGVRWGIFNPTENARRVAGSLTGN.................SFENIADNLNVNFATTT  245
NTDB id 1373 NTHI RS02645 WP 011272046.1     KPIEQIAIEARIVTITDESLKELGVRWGIFNPTENARRVAGSLTGN.................SFENIADNLNVNFATTT  245
consensus                                     !**!**!!!!!!!*****  *!!!!!!*****  *  *  **!****!                 *  **!!!!*****
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NTDB id 1186 GTF74 RS01320 WP 000788426.1    ANASSIAFQVAKLGSGTLLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSS.SGASTVAFKKAVLSLK  465
NTDB id 1175 A1552VC RS12105 WP 000788426.1  ANASSIAFQVAKLGSGTLLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSS.SGASTVAFKKAVLSLK  465
NTDB id 1408 DSB67 RS13980 WP 010643500.1    PNATSIAFQVAKLGSDTLLDLELSALQQESKAEIISSPRLITTNKKPAYIEQGTEIPYLESSS.SGATSVTFKKAVLSLK  474
NTDB id 1381 A4U84 RS02010 WP 021113424.1    NPSASVALQIAAIN.SRVLDLELTALESENNIEIIASPRLLTTDKKTASIKQGTEIPYAMYSKKEEITDIEFREAVLGLE  308
NTDB id 210457 BTV17 RS06580 WP 012340255.1  TPAGSIALQIAKIN.DRLLDLELTALERENNVEIIASPRLLTTNKQSASIKQGTEIPYVITGKKSDEQKVEFREAVLGLE  260
NTDB id 1347 HI 0435 AAC22094.1              TPAGSIALQVAKIN.GRLLDLELSALERENNVEIIASPRLLTTNKKSASIKQGTEIPYIVSNTRNDTQSVEFREAVLGLE  324
NTDB id 1373 NTHI RS02645 WP 011272046.1     TPAGSIALQVAKIN.GRLLDLELSALERENNVEIIASPRLLTTNKKSASIKQGTEIPYIVSNTRNDTQSVEFREAVLGLE  324
consensus                                     ***!*!*!*!*!***  ***!!!!!!*!!*  !***!!!*!!!!*!!*!**!*!*!!!!!!!*******  ****!**!!!*!*
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logo

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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    VTPHISKQNQILLDLAISQNSPNNQI...NNTMVTIDKQEIKTQVLAKHGETIVLGGIFQHLIAKGEDKVPLLGSIPVIK  385
NTDB id 210457 BTV17 RS06580 WP 012340255.1  VTPHISKDNTILLDLIVSQNSPGSRITYGQNEMVSIDKQEINTQVFAQDGETIVLGGVFHDTITKGVDKVPLLGDIPILK  340
NTDB id 1347 HI 0435 AAC22094.1              VTPHISKDNNILLDLLVSQNSPGSRVAYGQNEVVSIDKQEINTQVFAKDGETIVLGGVFHDTITKSEDKVPLLGDIPVIK  404
NTDB id 1373 NTHI RS02645 WP 011272046.1     VTPHISKDNNILLDLLVSQNSPGSRVAYGQNEVVSIDKQEINTQVFAKDGETIVLGGVFHDTITKSEDKVPLLGDIPVIK  404
consensus                                     !!!*!***!  **!!!  **!****  *  *****!*!!*!*!  !!!***  !!!*!!!!*!***!****!!!!!!!**!***
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logo

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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    RLFSQSQDKISKRELVIFVTPYIVKSEKIGAEKQK.....  420
NTDB id 210457 BTV17 RS06580 WP 012340255.1  RLFSRESERHQKRELVIFVTPRIIRSEQPNEIIKPLK....  377
NTDB id 1347 HI 0435 AAC22094.1              RLFSKESERHQKRELVIFVTPHILKAGETLEALKQKSEGKK  445
NTDB id 1373 NTHI RS02645 WP 011272046.1     RLFSKESERHQKRELVIFVTPHILKAGETLEALKQKSAGKK  445
consensus                                    *!!***  ***  !*!!*!!!!!****
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X non conserved
X similar
X ≥ 50% conserved