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 1347 HI 0435 AAC22094.1                ..........................................................................................     0
NTDB id 1373 NTHI RS02645 WP 011272046.1       ..........................................................................................     0
NTDB id 1121001 EL121 RS02460 WP 039197441.1   ..........................................................................................     0
NTDB id 1381 A4U84 RS02010 WP 021113424.1      ..........................................................................................     0
consensus
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NTDB id 1186 GTF74 RS01320 WP 000788426.1      ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEFQHDYTLKGKYLEVVISKLKADEKPKPKSVLEKEG   156
NTDB id 1175 A1552VC RS12105 WP 000788426.1    ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEFQHDYTLKGKYLEVVISKLKADEKPKPKSVLEKEG   156
NTDB id 1408 DSB67 RS13980 WP 010643500.1      DLLNTSVKDDQLYLLDVKDFSTVVESVEVFRDTSTTRLVAYIDEDYSHDYRLTGRYLEVKVGKLKANEKAPDKSILDKEG   157
NTDB id 1347 HI 0435 AAC22094.1                ..............................................MKKYFLKCGYFLVCFCLPLIVFA.....NPKTDN    29
NTDB id 1373 NTHI RS02645 WP 011272046.1       ..............................................MKKYFLKCGYFLVCFCLPLIVFA.....NPKTDN    29
NTDB id 1121001 EL121 RS02460 WP 039197441.1   ..................................................MRRV.....ILLLLLI.....LTPVMA    17
NTDB id 1381 A4U84 RS02010 WP 021113424.1      ..................................................MRYL.....FLLFFAT.....FPVLAN    17
consensus                                                                                          * ** ***  *    **          *   **
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NTDB id 1186 GTF74 RS01320 WP 000788426.1      KLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVGNLTLRLDGVPWQQVLDIILQVKGLDKRVDGNVILIAPKEELDLRE   236
NTDB id 1175 A1552VC RS12105 WP 000788426.1    KLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVGNLTLRLDGVPWQQVLDIILQVKGLDKRVDGNVILIAPKEELDLRE   236
NTDB id 1408 DSB67 RS13980 WP 010643500.1      KLISINFQDIPVRNVLQLIADYNQFNLVVSDSVEGNLTLRLDGVPWQQVLDIILQVKGLDKRVDGNVILVAPKDELDLRE   237
NTDB id 1347 HI 0435 AAC22094.1                ERFFIRLSQAPLAQTLEQLAFQQDVNLVIGDILENKISLKLNNIDMPRLLQIIAKSKHLTLNKDDGIYYLNGSQSGKGQ.   108
NTDB id 1373 NTHI RS02645 WP 011272046.1       ECFFIRLSQAPLAQTLEQLAFQQDVNLVMGERLEGNISLKLNNIDMPRLLKIIAKSKHLTLNKDDGVYYLNGSQSGKGQ.   108
NTDB id 1121001 EL121 RS02460 WP 039197441.1   NTFSISLKNAPTAEVLSYLAEEYGKNIVLSGNIETNTTLRIENSDFDSVLKSITRANKLSSAYENQIYFIGHKKDEKAA.    96
NTDB id 1381 A4U84 RS02010 WP 021113424.1      QQISLSIRNAPTAEIISYLAEETGKNITISDEIKDTKNFRVEKSHFDEILNSLIKTHQLNLKKENGIYYIHQAQEHKQH.    96
consensus                                        *** * **!*****  *!* ** !****** ********** * *  *! **** * !  * * ****** * * *
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NTDB id 1186 GTF74 RS01320 WP 000788426.1      KQALEKARLAEELGDLKSEIIKINFAKASDIAAMIGGEGNVNMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLDI   316
NTDB id 1175 A1552VC RS12105 WP 000788426.1    KQALEKARLAEELGDLKSEIIKINFAKASDIAAMIGGEGNVNMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLDI   316
NTDB id 1408 DSB67 RS13980 WP 010643500.1      KQQLEKQKLEKEIGELSSEIIKVNFAKASDIAEMINGEGNISMLSDRGSMTIDERTNSLLIRELPENIEVIREIIESLDI   317
NTDB id 1347 HI 0435 AAC22094.1                ..VA..GNLTTNEPHLVSHTVKLHFAKASELMKSLT.TGSGSLLSPAGSITFDDRSNLLVIQDEPRSVQNIKKLIAEMDK   183
NTDB id 1373 NTHI RS02645 WP 011272046.1       ..VA..GNLTTNEPHLVSHTVKLHFAKASELMKSLT.TGSGSLLSSAGSITFDDRSNLLVIQDEPRFVQNIKKLIAEMDK   183
NTDB id 1121001 EL121 RS02460 WP 039197441.1   ..MPIAVNPDVLKPKLITKTIKLDYAKAAEVIESLT.KGSGNFLSENGYLHFDDRSNSLIIKDSPESMKNIVKLIRNLDK   173
NTDB id 1381 A4U84 RS02010 WP 021113424.1      ..TTAQ..LVNALPKLITKTIKLHYSKASEVIESLT.KGQGNLLSESGYLHFDDRSNSIIVKDSAASVKNFTQLIESLDK   171
consensus                                            * *    **  !** **!* **!!**** ***   !****!!* !****!*!*!******* ** * *** *!***!*
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NTDB id 1186 GTF74 RS01320 WP 000788426.1   PVKQVQIEARIVTVKEGNLEELGVRWGVMSTN.GSHSVGGSIESNLWQKGLLAD........DEFPVDEFLNVNLASTSA   387
NTDB id 1175 A1552VC RS12105 WP 000788426.1 PVKQVQIEARIVTVKEGNLEELGVRWGVMSTN.GSHSVGGSIESNLWQKGLLAD........DEFPVDEFLNVNLASTSA   387
NTDB id 1408 DSB67 RS13980 WP 010643500.1   PVKQVQIEARIVTINEGNMDELGVRWGFTSIN.GSHTVGGSIENNLATIGLYDGGGEGDDGGSSVGIDDFLNVNLAATSP   396
NTDB id 1347 HI 0435 AAC22094.1             PIEQIAIEARIVTITDESLKELGVRWGIFNPTENARRVAGSLTGNSF...................ENIADNLNVNFATTTT   246
NTDB id 1373 NTHI RS02645 WP 011272046.1    PIEQIAIEARIVTITDESLKELGVRWGIFNPTENARRVAGSLTGNSF...................ENIADNLNVNFATTTT   246
NTDB id 1121001 EL121 RS02460 WP 039197441.1 PTEQIAIEARIVTISSENLQELGVRWGMFSPTNGHHKVAGSLEANGL...................PNT.NHLNVNFP..VN   233
NTDB id 1381 A4U84 RS02010 WP 021113424.1   PTEQIAIEARIVTISSEHLQQLGVRWGLFSPNENHYKLAGNLEGNGL...................T.T.NNLNVNFP..VN   230
consensus                                   !**!**!!!!!!!*****  *!!!!!!*****  *  ****!****!  *                    *  *  !!!!*****
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NTDB id 1186 GTF74 RS01320 WP 000788426.1   NASSIAFQVAKLGSGTLLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSSS.GASTVAFKKAVLSLKV   466
NTDB id 1175 A1552VC RS12105 WP 000788426.1 NASSIAFQVAKLGSGTLLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSSS.GASTVAFKKAVLSLKV   466
NTDB id 1408 DSB67 RS13980 WP 010643500.1   NATSIAFQVAKLGSDTLLDLELSALQQESKAEIISSPRLITTNKKPAYIEQGTEIPYLESSSS.GATSVTFKKAVLSLKV   475
NTDB id 1347 HI 0435 AAC22094.1             PAGSIALQVAKIN.GRLLDLELSALERENNVEIIASPRLLTTNKKSASIKQGTEIPYIVSNTRNDTQSVEFREAVLGLEV   325
NTDB id 1373 NTHI RS02645 WP 011272046.1    PAGSIALQVAKIN.GRLLDLELSALERENNVEIIASPRLLTTNKKSASIKQGTEIPYIVSNTRNDTQSVEFREAVLGLEV   325
NTDB id 1121001 EL121 RS02460 WP 039197441.1 NAASIALQVAKIN.GRVLDLELTALEQENDVEIIASPRLLTTNKKPASIKQGTEIPYVLYNRKDEVKNIEFKEAVLGLQV   312
NTDB id 1381 A4U84 RS02010 WP 021113424.1   PSASVALQIAAIN.SRVLDLELTALESENNIEIIASPRLLTTDKKTASIKQGTEIPYAMYSKKEEITDIEFREAVLGLEV   309
consensus                                   ***!*!*!*!*** ***!!!!!*!!**!* *!!!*!!!!*!!*!**!*!*!!!!!!!****** * ****!**!!!*! !
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NTDB id 1186 GTF74 RS01320 WP 000788426.1   TPQITPDNRLVLDLSVTQDRRGETVKTGTGEAVSIDTQRIGTQVLVNNGETVVLGGIFQHSINNSVDKVPLLGDLPVLGA   546
NTDB id 1175 A1552VC RS12105 WP 000788426.1 TPQITPDNRLVLDLSVTQDRRGETVKTGTGEAVSIDTQRIGTQVLVNNGETVVLGGIFQHSINNSVDKVPLLGDLPVLGA   546
NTDB id 1408 DSB67 RS13980 WP 010643500.1   TPQITPDNRLVLDLSVTQDRPGQVVKTGTGEAVAIDTQRIGTQVLVNNGETVVLGGIFQHSITNSVDKVPLLGDLPLLGA   555
NTDB id 1347 HI 0435 AAC22094.1             TPHISKDNNILLDLLVSQNSPGSRVAYGQNEVVSIDKQEINTQVFAKDGETIVLGGVFHDTITKSEDKVPLLGDIPVIKR   405
NTDB id 1373 NTHI RS02645 WP 011272046.1    TPHISKDNNILLDLLVSQNSPGSRVAYGQNEVVSIDKQEINTQVFAKDGETIVLGGVFHDTITKSEDKVPLLGDIPVIKR   405
NTDB id 1121001 EL121 RS02460 WP 039197441.1 TPHISNDNQILLDLVVTQNSPNSTSST.VHGLVTIDKQELNTQVFAKHGETIVLGGIFQHLTAKGEDRVPILGSIPVIKK   391
NTDB id 1381 A4U84 RS02010 WP 021113424.1   TPHISKQNQILLDLAISQNSPNNQI...NNTMVTIDKQEIKTQVLAKHGETIVLGGIFQHLIAKGEDKVPLLGSIPVIKR   386
consensus                                   !!*!* *!***!!! **!**** * **  **!*!!*!** !!!*** !!!*!!!!*!**** ***!*!!*!!!**!****
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logo

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NTDB id 1186 GTF74 RS01320 WP 000788426.1   LFRRTYEQMGKSELLIFVTPKVVIQ.................   571
NTDB id 1175 A1552VC RS12105 WP 000788426.1 LFRRTYEQMGKSELLIFVTPKVVIQ.................   571
NTDB id 1408 DSB67 RS13980 WP 010643500.1   LFRRSYENVGKSELLIFVTPKVVIQ.................   580
NTDB id 1347 HI 0435 AAC22094.1             LFSKESERHQKRELVIFVTPHILKAGETLEALKQKSEGKK..   445
NTDB id 1373 NTHI RS02645 WP 011272046.1    LFSKESERHQKRELVIFVTPHILKAGETLEALKQKSAGKK..   445
NTDB id 1121001 EL121 RS02460 WP 039197441.1 LFSHSSDRISKRELVIFVTPYIVKSGKQQISSH.SSQKLPPK   432
NTDB id 1381 A4U84 RS02010 WP 021113424.1   LFSQSQDKISKRELVIFVTPYIVKSEKIGAEKQ.K.......   420
consensus                                   !!**** *** !*!!*!!!!! ***
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X non conserved

X similar

X ≥ 50% conserved