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 1198951 BG568 RS09110 WP 006252205.1 ..........................................................................................     0
NTDB id 1381 A4U84 RS02010 WP 021113424.1    ..........................................................................................     0
consensus
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logo

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NTDB id 1186 GTF74 RS01320 WP 000788426.1    ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEFQHDYTLKGKY.LEVVISKLKADEKPKPKSVLEKE   155
NTDB id 1175 A1552VC RS12105 WP 000788426.1  ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEFQHDYTLKGKY.LEVVISKLKADEKPKPKSVLEKE   155
NTDB id 1408 DSB67 RS13980 WP 010643500.1    DLLNTSVKDDQLYLLDVKDFSTVVESVEVFRDTSTTRLVAYIDEDYSHDYRLTGRY.LEVKVGKLKANEKAPDKSILDKE   156
NTDB id 1347 HI 0435 AAC22094.1              ..........................................MKKYFLKCGYFLVCFCLPLIVFAN......PKTD    28
NTDB id 1373 NTHI RS02645 WP 011272046.1     ..........................................MKKYFLKCGYFLVCFCLPLIVFAN......PKTD    28
NTDB id 1198951 BG568 RS09110 WP 006252205.1 ..........................................MWR.......IFIYFLCGF.............SLAY    16
NTDB id 1381 A4U84 RS02010 WP 021113424.1    ..........................................MRY.......LFLLFFATF.............PVLA    16
consensus                                                                              *   *  **   ***       *              *
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NTDB id 1186 GTF74 RS01320 WP 000788426.1    GKLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVGNLTLRLDGVPWQQVLDIILQVKGLDKRVDGNVILIAPKEELDL.   234
NTDB id 1175 A1552VC RS12105 WP 000788426.1  GKLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVGNLTLRLDGVPWQQVLDIILQVKGLDKRVDGNVILIAPKEELDL.   234
NTDB id 1408 DSB67 RS13980 WP 010643500.1    GKLISINFQDIPVRNVLQLIADYNQFNLVVSDSVEGNLTLRLDGVPWQQVLDIILQVKGLDKRVDGNVILVAPKDELDL.   235
NTDB id 1347 HI 0435 AAC22094.1              NERFFIRLSQAPLAQTLEQLAFQQDVNLVIGDILENKISLKLNNIDMPRLLQIIAKSKHLTLNKDDGIYYLNGSQSGKGQ   108
NTDB id 1373 NTHI RS02645 WP 011272046.1     NECFFIRLSQAPLAQTLEQLAFQQDVNLVMGERLEGNISLKLNNIDMPRLLKIIAKSKHLTLNKDDGVYYLNGSQSGKGQ   108
NTDB id 1198951 BG568 RS09110 WP 006252205.1 ANTISIVLKNAPTSLIFTYLAEETGKNMVLDDNIETKSTLRLENKSVDEIFKTLGKVNKLSLTQEDDIVYIHKKEEKAAD    96
NTDB id 1381 A4U84 RS02010 WP 021113424.1    NQQISLSIRNAPTAEIISYLAEETGKNITISDEIKDTKNFRVEKSHFDEILNSLIKTHQLNLKKENGIYYIHQAQEHKQH    96
consensus                                    *  *** * **!* *** *!* ** !***** ********** * *  ** ****** ! ** *  **** ***
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logo

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NTDB id 1186 GTF74 RS01320 WP 000788426.1    ......REKQALEKARLAEELGDLKSEIIKINFAKASDIAAMIGGEGNVNMLSERGSISIDERTNSLLIRELPDNIAVIR   308
NTDB id 1175 A1552VC RS12105 WP 000788426.1  ......REKQALEKARLAEELGDLKSEIIKINFAKASDIAAMIGGEGNVNMLSERGSISIDERTNSLLIRELPDNIAVIR   308
NTDB id 1408 DSB67 RS13980 WP 010643500.1    ......REKQQLEKQKLEKEIGELSSEIIKVNFAKASDIAEMINGEGNISMLSDRGSMTIDERTNSLLIRELPENIEVIR   309
NTDB id 1347 HI 0435 AAC22094.1              VA............GNLTTNEPHLVSHTVKLHFAKASELMKSLT.TGSGSLLSPAGSITFDDRSNLLVIQDEPRSVQNIK   175
NTDB id 1373 NTHI RS02645 WP 011272046.1     VA............GNLTTNEPHLVSHTVKLHFAKASELMKSLT.TGSGSLLSSAGSITFDDRSNLLVIQDEPRFVQNIK   175
NTDB id 1198951 BG568 RS09110 WP 006252205.1 LTPLPIMNLQNNGQNTPLVTAPKLITKTLKLHYAKASEVIESLT.KGSGTFLSENGYIHFDERSNSLIVKDSAKSLKNIE   175
NTDB id 1381 A4U84 RS02010 WP 021113424.1    TT............AQLVNALPKLITKTIKLHYSKASEVIESLT.KGQGNLLSESGYLHFDDRSNSIIVKDSAASVKNFT   163
consensus                                          *    *  *   ** !** **!****!!!*** ***   !****!!* !****!*!*!******  *   *  ***
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NTDB id 1186 GTF74 RS01320 WP 000788426.1   EIIESLDIPVKQVQIEARIVTVKEGNLEELGVRWGVMSTNGSH.SVGGSIESNLWQKGLLAD.....DEFPVDEFLN  379
NTDB id 1175 A1552VC RS12105 WP 000788426.1 EIIESLDIPVKQVQIEARIVTVKEGNLEELGVRWGVMSTNGSH.SVGGSIESNLWQKGLLAD.....DEFPVDEFLN  379
NTDB id 1408 DSB67 RS13980 WP 010643500.1   EIIESLDIPVKQVQIEARIVTINEGNMDELGVRWGFTSINGSH.TVGGSIENNLATIGLYDGGGEGDDGGSSVGIDDFLN  388
NTDB id 1347 HI 0435 AAC22094.1             KLIAEMDKPIEQIAIEARIVTITDESLKELGVRWGIFNPTENARRVAGSLTGN..................SFENIADNLN  238
NTDB id 1373 NTHI RS02645 WP 011272046.1    KLIAEMDKPIEQIAIEARIVTITDESLKELGVRWGIFNPTENARRVAGSLTGN..................SFENIADNLN  238
NTDB id 198951 BG568 RS09110 WP 006252205.1 NLVKQLDQPTEQIAIEARIVTISSEHLQELGVRWGIFSRGAGHYKFGGRLEGN..................GLNDVTNNLN  238
NTDB id 1381 A4U84 RS02010 WP 021113424.1   QLIESLDKPTEQIAIEARIVTISSEHLQQLGVRWGLFSPNENHYKLAGNLEGN..................GLT..TNNLN  224
consensus                                    *****! !**!**!!!!!!!**** * *!!!!!!*** ** * ***!****!                 * **!!
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NTDB id 1186 GTF74 RS01320 WP 000788426.1   VNLASTSANASSIAFQVAKLGSGTLLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSS.SGASTVAFK  458
NTDB id 1175 A1552VC RS12105 WP 000788426.1 VNLASTSANASSIAFQVAKLGSGTLLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSS.SGASTVAFK  458
NTDB id 1408 DSB67 RS13980 WP 010643500.1   VNLAATSPNATSIAFQVAKLGSDTLLDLELSALQQESKAEIISSPRLITTNKKPAYIEQGTEIPYLESSS.SGATSVTFK  467
NTDB id 1347 HI 0435 AAC22094.1             VNFATTTTPAGSIALQVAKING.RLLDLELSALERENNVEIIASPRLLTTNKKSASIKQGTEIPYIVSNTRNDTQSVEFR  317
NTDB id 1373 NTHI RS02645 WP 011272046.1    VNFATTTTPAGSIALQVAKING.RLLDLELSALERENNVEIIASPRLLTTNKKSASIKQGTEIPYIVSNTRNDTQSVEFR  317
NTDB id 198951 BG568 RS09110 WP 006252205.1 VNFPI..TGGASAVLQVASINS.RVLDLELSALEQENSVEIIASPRLLTTNKKPASIKQGTEIPYVMYNTKSEATDVEFK  315
NTDB id 1381 A4U84 RS02010 WP 021113424.1   VNFPV..NPSASVALQIAAINS.RVLDLELTALESENNIEIIASPRLLTTDKKTASIKQGTEIPYAMYSKKEEITDIEFR  301
consensus                                   !!******  **!***!*!**** **!!!!!*!!**!* *!!!*!!!!*!!*!**!*!*!!!!!!!*****************!*
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NTDB id 1186 GTF74 RS01320 WP 000788426.1   KAVLSLKVTPQITPDNRLVLDLSVTQDRRGETVKTGTGEAVSIDTQRIGTQVLVNNGETVVLGGIFQHSINNSVDKVPLL  538
NTDB id 1175 A1552VC RS12105 WP 000788426.1 KAVLSLKVTPQITPDNRLVLDLSVTQDRRGETVKTGTGEAVSIDTQRIGTQVLVNNGETVVLGGIFQHSINNSVDKVPLL  538
NTDB id 1408 DSB67 RS13980 WP 010643500.1   KAVLSLKVTPQITPDNRLVLDLSVTQDRPGQVVKTGTGEAVAIDTQRIGTQVLVNNGETVVLGGIFQHSITNSVDKVPLL  547
NTDB id 1347 HI 0435 AAC22094.1             EAVLGLEVTPHISKDNNILLDLLVSQNSPGSRVAYGQNEVVSIDKQEINTQVFAKDGETIVLGGVFHDTITKSEDKVPLL  397
NTDB id 1373 NTHI RS02645 WP 011272046.1    EAVLGLEVTPHISKDNNILLDLLVSQNSPGSRVAYGQNEVVSIDKQEINTQVFAKDGETIVLGGVFHDTITKSEDKVPLL  397
NTDB id 198951 BG568 RS09110 WP 006252205.1 EAVLGLEVVPHLSTQNQILLDLIVTQNSPNSQS..GSSGLITIDKQELNTQVFAKHGETIVLGGIFQHLTQKGEDKVPIL  393
NTDB id 1381 A4U84 RS02010 WP 021113424.1   EAVLGLEVTPHISKQNQILLDLAISQNSPNNQI..N.NTMVTIDKQEIKTQVLAKHGETIVLGGIFQHLIAKGEDKVPLL  378
consensus                                   *!!!*!*!*!*!*** *!***!!! **!**** * ** ****!!*!** !!!*** !!!*!!!!*!****  ***!!!!*!
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NTDB id 1186 GTF74 RS01320 WP 000788426.1   GDLPVLGALFRRTYEQMGKSELLIFVTPKVVIQ.............  571
NTDB id 1175 A1552VC RS12105 WP 000788426.1 GDLPVLGALFRRTYEQMGKSELLIFVTPKVVIQ.............  571
NTDB id 1408 DSB67 RS13980 WP 010643500.1   GDLPLLGALFRRSYENVGKSELLIFVTPKVVIQ.............  580
NTDB id 1347 HI 0435 AAC22094.1             GDIPVIKRLFSKESERHQKRELVIFVTPHILKAGETLEALKQKSEGKK  445
NTDB id 1373 NTHI RS02645 WP 011272046.1    GDIPVIKRLFSKESERHQKRELVIFVTPHILKAGETLEALKQKSAGKK  445
NTDB id 198951 BG568 RS09110 WP 006252205.1 GSIPFIKRLFSQTRDKISKRELVIFVTPYILQSNEKSSNHKK.SK...  437
NTDB id 1381 A4U84 RS02010 WP 021113424.1   GSIPVIKRLFSQSQDKISKRELVIFVTPYIVKSEKIGAEKQK......  420
consensus                                   !**!****!!***  ***  !*!!*!!!!!  **
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X non conserved
X similar
X ≥ 50% conserved