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logo
NTDB id 34673 SSUBM407 RS04460 WP 012775588.1  MPKRFKKLMYTDKFSFFIRYFAVFTLIFGLMTAIIFQLMRSTMYQNSDNTLKRIKKEPALAVGFAIARTYEPNSVFILQD   80
NTDB id 363 SMU RS05195 WP 002262215.1         MLIKLRKQKQDENISFFSHFFAVFTGIFFVMTVIIIQVMHFGIYSSVDNSLKIATENVNDYVNMTLSHNN.PITEAE...   76
NTDB id 259 KZH43 RS03480 WP 000491790.1       MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLE...   77
NTDB id 218 SPD RS03780 WP 000491790.1         MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLE...   77
NTDB id 184 SPR RS03565 WP 000491790.1         MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLE...   77
NTDB id 148 SP RS03910 WP 000491790.1          MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLE...   77
consensus                                      !*****!*******!*!***!*!!!*!!**!!*!!*!*!****!***!**!**********************
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logo
NTDB id 34673 SSUBM407 RS04460 WP 012775588.1  SPTGEETTSSSSDSMPVPKNQKNTRAGDQLRLGANTHVLLYSKSG.EMINPDTFTGLADLSLDKEKLGEIKETTVESSFG  159
NTDB id 363 SMU RS05195 WP 002262215.1         ..NGD.......ASF.........KVKSNGQMAANTDTILYDKKHNVINNVNAFSSLYHIRPKLKDIGDIVEQEAKNIYG  138
NTDB id 259 KZH43 RS03480 WP 000491790.1       ..NAR......ADAS.........KVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYG  140
NTDB id 218 SPD RS03780 WP 000491790.1         ..NAR......ADAS.........KVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYG  140
NTDB id 184 SPR RS03565 WP 000491790.1         ..NAR......ADAS.........KVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYG  140
NTDB id 148 SP RS03910 WP 000491790.1          ..NAR......ADAS.........KVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYG  140
consensus                                        ***       ****         **********!!***!**!**********!**!**********!*!*********!
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logo
NTDB id 34673 SSUBM407 RS04460 WP 012775588.1  MSEDYRYITIGLATDELGYYSSYDIKYATILVNVSQIKSSIESYESTVAIVMVSAWLISILASIYLSNLSMRPILISYQK  239
NTDB id 363 SMU RS05195 WP 002262215.1         QTEKYRTVTVKVNN.D....FYPQIKFATIVINTTQLEEANTRYVTIIISVMIVFWLISVIASVYLAKWSQKPILENYEK  213
NTDB id 259 KZH43 RS03480 WP 000491790.1       QEEIYRVILMETNISS....VSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQK  216
NTDB id 218 SPD RS03780 WP 000491790.1         QEEIYRVILMETNISS....VSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQK  216
NTDB id 184 SPR RS03565 WP 000491790.1         QEEIYRVILMETNISS....VSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQK  216
NTDB id 148 SP RS03910 WP 000491790.1          QEEIYRVILMETNISS....VSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQK  216
consensus                                      **!*!!**********    ****!!*!****!**!**************!!***!**!**!!*!!***!**!*!****!
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logo
NTDB id 34673 SSUBM407 RS04460 WP 012775588.1  QKDFVENASHELRTPLAVLQNRLESLFRHPETTILESSESIGSSLEEVRNMRLLTTNLLNLARRDDGLKVDMIDVQPNYF  319
NTDB id 363 SMU RS05195 WP 002262215.1         QKSFVENASHELRTPLAVLQNRLESLFRKPEATILDSSESIASSLEEVRNMRMLTANLLNLARRDDGIKPEITEIQPRFF  293
NTDB id 259 KZH43 RS03480 WP 000491790.1       QQSFVENASHELRTPLAVLQNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFF  296
NTDB id 218 SPD RS03780 WP 000491790.1         QQSFVENASHELRTPLAVLQNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFF  296
NTDB id 184 SPR RS03565 WP 000491790.1         QQSFVENASHELRTPLAVLQNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFF  296
NTDB id 148 SP RS03910 WP 000491790.1          QQSFVENASHELRTPLAVLQNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFF  296
consensus                                      !**!!!!!!!!!!!!!!!!!!!!!!!*!!!*!!*!!***!!!!*!!!!!!!!!!*!!**!!!!!!!!!!*!*********!
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logo
NTDB id 34673 SSUBM407 RS04460 WP 012775588.1  DEIFANYLMIAEENGKTLTVNNLIHQPIRTDKVLIKQLLTILFDNAMKYTDDDGTIQIAANIKDKLVCFTVIDNGLGISD  399
NTDB id 363 SMU RS05195 WP 002262215.1         DDTFKNYEMIARENGKKLHIINKVNRQIKTDKTLLKQLMTILFDNAVKYTDNDGEIWLDVKTTDRSLIFSVADNGQGISD  373
NTDB id 259 KZH43 RS03480 WP 000491790.1       NTTFTNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGIST  376
NTDB id 218 SPD RS03780 WP 000491790.1         NTTFTNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGIST  376
NTDB id 184 SPR RS03565 WP 000491790.1         NTTFTNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGIST  376
NTDB id 148 SP RS03910 WP 000491790.1          NTTFTNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGIST  376
consensus                                      ***!*!!*!!!*!!*******!****!*!!**!*!!!*!!!!!!!*!!!!**!!*!*******!******!*!!!*!!!*
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logo
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NTDB id 34673 SSUBM407 RS04460 WP 012775588.1  VDKKKIFDRFYRVDKARTRQKGGFGLGLSLAQQIIKNLDGEISVRDNQPKGTIFEVRLPK........   459
NTDB id 363 SMU RS05195 WP 002262215.1         EDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQITDSLKGSIIVKDKKPQGVMFEARLLANK......   435
NTDB id 259 KZH43 RS03480 WP 000491790.1       EDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 218 SPD RS03780 WP 000491790.1         EDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 184 SPR RS03565 WP 000491790.1         EDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 148 SP RS03910 WP 000491790.1          EDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
consensus                                      *!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!***!*!***!*!**!*!**!!************
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X non conserved

X similar

X $\geq$ 50% conserved