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logo
NTDB id 1140951 DQM62 RS04810 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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NTDB id 1140951 DQM62 RS04810 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                                       ***       ****         **********!!***!**!**********!**!**********!*!*********!

logo
NTDB id 1140951 DQM62 RS04810 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                                     **!*!!**********    ****!!*!****!**!**************!!***!**!**!!*!!***!**!*!****!

logo
NTDB id 1140951 DQM62 RS04810 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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NTDB id 1140951 DQM62 RS04810 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1140951 DQM62 RS04810 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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