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logo

NTDB id 259 KZH43 RS03480 WP 000491790.1        MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLEN..    78
NTDB id 218 SPD RS03780 WP 000491790.1          MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLEN..    78
NTDB id 184 SPR RS03565 WP 000491790.1          MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLEN..    78
NTDB id 148 SP RS03910 WP 000491790.1           MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLEN..    78
NTDB id 1140168 DQM95 RS05245 WP 037592122.1    .MTKYKELLKSDNFNHFSHYFSVFTGIFAVMTFIILQIMKFGVYSSVDSSLLTVAKNSENYTNKTMERISSFYFDNQSGH    79
NTDB id 363 SMU RS05195 WP 002262215.1          MLIKLRKQKQDENISFFSHFFAVFTGIFFVMTVIIIQVMHFGIYSSVDNSLKIATENVNDYVNMTLSHNNP......ITE    74
consensus                                       ***!************!***!*!!!*!!**!!*!!*!*!****!*!!!**!*****!********************
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logo

NTDB id 259 KZH43 RS03480 WP 000491790.1        ..ARADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISS   156
NTDB id 218 SPD RS03780 WP 000491790.1          ..ARADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISS   156
NTDB id 184 SPR RS03565 WP 000491790.1          ..ARADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISS   156
NTDB id 148 SP RS03910 WP 000491790.1           ..ARADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISS   156
NTDB id 1140168 DQM95 RS05245 WP 037592122.1    FKASTEAFKIKNDNEPVANTDILLFSSNGIVINSFDALSNFQNFTLNKNELNTIQTQKLVNYYGHEEKFHTITVRVHS.K   158
NTDB id 363 SMU RS05195 WP 002262215.1          AENGDASFKVKSNGQMAANTDTILYDKKHNVINNVNAFSSLYHIRPKLKDIGDIVEQEAKNIYGQTEKYRTVTVKVNN.D   153
consensus                                         ******!*********!!***!*****************************!******!*!!**!************
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logo

NTDB id 259 KZH43 RS03480 WP 000491790.1        VSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVLQ   236
NTDB id 218 SPD RS03780 WP 000491790.1          VSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVLQ   236
NTDB id 184 SPR RS03565 WP 000491790.1          VSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVLQ   236
NTDB id 148 SP RS03910 WP 000491790.1           VSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVLQ   236
NTDB id 1140168 DQM95 RS05245 WP 037592122.1    NYPAIAYMMAVVNVEQSEKTNERYEKFIIIVMIVFWLISIIASIYLANWSSKPIIESYEKQKMFVENASHELRTPLAVLQ   238
NTDB id 363 SMU RS05195 WP 002262215.1          FYPQIKFATIVINTTQLEEANTRYVTIIISVMIVFWLISVIASVYLAKWSQKPILENYEKQKSFVENASHELRTPLAVLQ   233
consensus                                       ****!*******!**!*!*********!**!!**!!**!**!!*!!!!**!**!**!***!!**!!!!!!!!!!!!!!!!!!
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logo

NTDB id 259 KZH43 RS03480 WP 000491790.1        NRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFRF   316
NTDB id 218 SPD RS03780 WP 000491790.1          NRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFRF   316
NTDB id 184 SPR RS03565 WP 000491790.1          NRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFRF   316
NTDB id 148 SP RS03910 WP 000491790.1           NRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFRF   316
NTDB id 1140168 DQM95 RS05245 WP 037592122.1    NRLESLFRKPNESILDNSEAIASSLDEVRNMRILTTNLLNLARRDDGIKPDWEEIDAQFFNSIFENYSLIAEENGKSFQF   318
NTDB id 363 SMU RS05195 WP 002262215.1          NRLESLFRKPEATILDSSESIASSLEEVRNMRMLTANLLNLARRDDGIKPEITEIQPRFFDDTFKNYEMIARENGKKLHI   313
consensus                                       !!!!*!!!!!***!*!*!!*!!!!!*!!!!!!*!!**!!!!!!!!!!!!!!***!****!!***!*!!**!!*!!******
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logo

NTDB id 259 KZH43 RS03480 WP 000491790.1        ENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQ   396
NTDB id 218 SPD RS03780 WP 000491790.1          ENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQ   396
NTDB id 184 SPR RS03565 WP 000491790.1          ENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQ   396
NTDB id 148 SP RS03910 WP 000491790.1           ENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQ   396
NTDB id 1140168 DQM95 RS05245 WP 037592122.1    DNQVHRKVKTDKALLKQLLTILFDNAIKYTDADGEIEIQVSTGDKHLYLTVLDNGPGINDIDKKKIFDRFYRVDKARTRS   398
NTDB id 363 SMU RS05195 WP 002262215.1          INKVNRQIKTDKTLLKQLMTILFDNAVKYTDNDGEIWLDVKTTDRSLIFSVADNGQGISDEDKKKIFDRFYRVDKARTRQ   393
consensus                                       *!***!***!!**!!!!!*!!!!!!!*!!!**!!!!*******!**!***!*!!!*!!***!!!!!!!!!!!!!!!!!!*
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logo

NTDB id 259 KZH43 RS03480 WP 000491790.1        KGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 218 SPD RS03780 WP 000491790.1          KGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 184 SPR RS03565 WP 000491790.1          KGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 148 SP RS03910 WP 000491790.1           KGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 1140168 DQM95 RS05245 WP 037592122.1    KGGFGLGLALAQQIVQSLKGSIVVKDNRPKGTIFEVKF..........   436
NTDB id 363 SMU RS05195 WP 002262215.1          KGGFGLGLSLAKQITDSLKGSIIVKDKKPQGVMFEARLLANK......   435
consensus                                       !!!!!!!!*!!*!!***!!!***!!!**!*!**!!*************
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X non conserved

X similar

X $\geq$ 50% conserved