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logo
NTDB id 363 SMU RS05195 WP 002262215.1        MLIKLRKQKQDENISFFSHFFAVFTGIFFVMTVIIIQVMHFGIYSSVDNSLKIATENVNDYVNMTLSHNNPIT......E   74
NTDB id 375003 FPL13 RS03300 WP 049512879.1   MLNKLKKTWYADDFSYFIRNFGIFTLIFSAMTLIIIQVMRSSLYTTVDNNLKSLSQDSASVINLALARRVGLEQKSDNEE   80
NTDB id 259 KZH43 RS03480 WP 000491790.1      MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIK..DLEN   78
NTDB id 218 SPD RS03780 WP 000491790.1        MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIK..DLEN   78
NTDB id 184 SPR RS03565 WP 000491790.1        MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIK..DLEN   78
NTDB id 148 SP RS03910 WP 000491790.1         MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIK..DLEN   78
consensus                                     !**!!*!*******!*!***!**!!*!!**!!*!!*!!!****!**!!**!**********************  ****

logo
NTDB id 363 SMU RS05195 WP 002262215.1        AENGDASFKVKSNGQMAANTDTILYDKKHNVINNVNAFSSLYHIRPKLKDIGDIVEQEAKNIYGQTEKYRTVTVKVNN.D   153
NTDB id 375003 FPL13 RS03300 WP 049512879.1   PKADTGDKELTDKPNVSANTEVILFDKNYKPIITSNNFLGLNKLSFNSKQLDRIRQVQVKSNYGREETYRTILFKVKLPN   160
NTDB id 259 KZH43 RS03480 WP 000491790.1      AR..ADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISS   156
NTDB id 218 SPD RS03780 WP 000491790.1        AR..ADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISS   156
NTDB id 184 SPR RS03565 WP 000491790.1        AR..ADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISS   156
NTDB id 148 SP RS03910 WP 000491790.1         AR..ADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISS   156
consensus                                     **  **************!!**!!*!!********!*!**!*******!****!********!!**!*!!**********

logo
NTDB id 363 SMU RS05195 WP 002262215.1        FYPQIKFATIVINTTQLEEANTRYVTIIISVMIVFWLISVIASVYLAKWSQKPILENYEKQKSFVENASHELRTPLAVLQ   233
NTDB id 375003 FPL13 RS03300 WP 049512879.1   LETNVKYAAVFINTSQLEQTSQNHEQLIVVVMISFWGISLIASVYLARVSVKPLLESIQKQKSFVENASHELRTPLAVLQ   240
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
consensus                                     *****!*!***!!!*!!!*********!**!!**!!**!**!!*!!!**!**!*!!***!!*!!!!!!!!!!!!!!!!!!!

logo
NTDB id 363 SMU RS05195 WP 002262215.1        NRLESLFRKPEATILDSSESIASSLEEVRNMRMLTANLLNLARRDDGIKPEITEIQPRFFDDTFKNYEMIARENGKKLHI   313
NTDB id 375003 FPL13 RS03300 WP 049512879.1   NRLETLFRKPEATIMESSESIASSLDEVRNMKMLTTNLLNLARRDDGIKPEIGDVEPNFFNTTFTNYEMVAAENGKTFRF   320
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
consensus                                     !!!!*!!!!!!!!!!***!!!!!!!!*!!!!!**!!**!!!!!!!!!!!!!!!!!*******!!**!!*!!!!*!*!!******

logo
NTDB id 363 SMU RS05195 WP 002262215.1        INKVNRQIKTDKTLLKQLMTILFDNAVKYTDNDGEIWLDVKTTDRSLIFSVADNGQGISDEDKKKIFDRFYRVDKARTRQ   393
NTDB id 375003 FPL13 RS03300 WP 049512879.1   DNRIHRMIKTDKTLLKQLMTILFDNALKYTDEDGVIELTILANDRTLFLKVADNGPGISTADKKKIFDRFYRVDKARTRQ   400
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
consensus                                     *!***!*!*!!**!!!!!!!!!!!!!!!!*!!!**!!*!*******!!*!***!*!!!*!!!**!!!!!!!!!!!!!!!!!!!
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logo

NTDB id 363 SMU RS05195 WP 002262215.1        KGGFGLGLSLAKQITDSLKGSIIVKDKKPQGVMFEARLLANK......   435
NTDB id 375003 FPL13 RS03300 WP 049512879.1   TGGFGLGLSLAKQITEALKGTITVKDNKPKGTIFEVKIAIRTDNRKKK   448
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
consensus                                     *!!!!!!!!!!!!!***!!!***!!!*!!*!**!!**************
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X non conserved

X similar

X $\geq$ 50% conserved