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logo
NTDB id 363 SMU RS05195 WP 002262215.1        MLIKLRKQKQDENISFFSHFFAVFTGIFFVMTVIIIQVMHFGIYSSVDNSLKIATENVNDYVNMTLSHNNPI.TEAENG.   78
NTDB id 69979 SA27298 RS03925 WP 003024354.1 MLNKLKKTWYADDFSYFIRNFGIFTLIFSAMTLIIIQVMRSSLYTTVDNNLKSLSQDSASVINLALARRVGMEQKSDNGE   80
NTDB id 259 KZH43 RS03480 WP 000491790.1     MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLENA.   79
NTDB id 218 SPD RS03780 WP 000491790.1       MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLENA.   79
NTDB id 184 SPR RS03565 WP 000491790.1       MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLENA.   79
NTDB id 148 SP RS03910 WP 000491790.1        MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLENA.   79
consensus                                    !**!!*!*******!*!***!**!!*!!**!!*!!*!!!****!**!!**!*************************!*

logo
NTDB id 363 SMU RS05195 WP 002262215.1        ....DASFKVKSNGQMAANTDTILYDKKHNVINNVNAFSSLYHIRPKLKDIGDIVEQEAKNIYGQTEKYRTVTVKVNN.D   153
NTDB id 69979 SA27298 RS03925 WP 003024354.1 PKTDTGDKELTDKPNVSANTEVILFDKNYKPIITSNNFLGLNKLSFNSKQLDRIRQVQVKSNYGRQETYRMILFEVKIPN   160
NTDB id 259 KZH43 RS03480 WP 000491790.1     ...RADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISS   156
NTDB id 218 SPD RS03780 WP 000491790.1       ...RADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISS   156
NTDB id 184 SPR RS03565 WP 000491790.1       ...RADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISS   156
NTDB id 148 SP RS03910 WP 000491790.1        ...RADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISS   156
consensus                                       ***************!!**!!*!!********!*!**!*******!****!********!!**!*!!**********

logo
NTDB id 363 SMU RS05195 WP 002262215.1        FYPQIKFATIVINTTQLEEANTRYVTIIISVMIVFWLISVIASVYLAKWSQKPILENYEKQKSFVENASHELRTPLAVLQ   233
NTDB id 69979 SA27298 RS03925 WP 003024354.1 LETNVKYAAVFINISQLEQTSQNHEQLIVVVMISFWGISLIASVYLARVSVKPLLESIQKQKSFVENASHELRTPLAVLQ   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 69979 SA27298 RS03925 WP 003024354.1 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 69979 SA27298 RS03925 WP 003024354.1 DNRIHRMIKTDKTLLKQLMTILFDNALKYTDEDGVIELTISANDRNLFLKVSDNGPGISTADKKKIFDRFYRVDKARTRQ   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 69979 SA27298 RS03925 WP 003024354.1  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