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logo
NTDB id 363 SMU RS05195 WP 002262215.1          MLIKLRKQKQDENISFFSHFFAVFTGIFFVMTVIIIQVMHFGIYSSVDNSLKIATENVNDYVNMTLSHNNPI.TEAENGD   79
NTDB id 1120265 EL087 RS04855 WP 106083386.1    MLNKLKKTWYADDFSYFIRNFGIFTLIFSAMTLIIIQVMRSSLYTTVDNNLKSLSQDSASVINLALARRVGLEQKSDNGE   80
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
consensus                                       !**!!*!*******!*!***!**!!*!!**!!*!!*!!!****!**!!**!*************************!

logo
NTDB id 363 SMU RS05195 WP 002262215.1          .....ASFKVKSNGQMAANTDTILYDKKHNVINNVNAFSSLYHIRPKLKDIGDIVEQEAKNIYGQTEKYRTVTVKVNN.D  153
NTDB id 1120265 EL087 RS04855 WP 106083386.1    PKADTGDKELTDKPNVSANTEVILFDKDYKPIITSNNFLGLNKLSFNSKQLDRIRQVQVKSNYGREETYRTILFKVKLPN  160
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
consensus                                         ****************!!**!!*!!********!*!**!*******!****!********!!**!*!!**********

logo
NTDB id 363 SMU RS05195 WP 002262215.1          FYPQIKFATIVINTTQLEEANTRYVTIIISVMIVFWLISVIASVYLAKWSQKPILENYEKQKSFVENASHELRTPLAVLQ  233
NTDB id 1120265 EL087 RS04855 WP 106083386.1    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 1120265 EL087 RS04855 WP 106083386.1    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 1120265 EL087 RS04855 WP 106083386.1    DNRIHRMIKTDKTLLKQLMTILFDNALKYTDEDGVIELTISANDRTLFLKVADNGPGISTADKKKIFDRFYRVDKARTRQ  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
                                                  KGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK
                                                  T   ES   S   I   K I Q VM  ARLLANKDNR
NTDB id 363 SMU RS05195 WP 002262215.1            KGGFGLGLSLAKQITDSLKGSIIVKDKKPQGVMFEARLLANK......   435
NTDB id 1120265 EL087 RS04855 WP 106083386.1      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