```
logo
NTDB id 338064 EQH23 RS03810 WP 000491795.1   MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLENAR   80
NTDB id 259 KZH43 RS03480 WP 000491790.1      MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLENAR   80
NTDB id 218 SPD RS03780 WP 000491790.1        MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLENAR   80
NTDB id 184 SPR RS03565 WP 000491790.1        MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLENAR   80
NTDB id 148 SP RS03910 WP 000491790.1         MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLENAR   80
NTDB id 363 SMU RS05195 WP 002262215.1        MLIKLRKQKQDENISFFSHFFAVFTGIFFVMTVIILQVMHFGIYSSVDNSLKIATENVNDYVNMTLSHNN.PITEAENGD   79
consensus                                     !**!!*!*******!*!***!*!!!*!!**!!*!!*!!!!***!*!!!**!*****!!**************!***!!**

logo
NTDB id 338064 EQH23 RS03810 WP 000491795.1   ADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISSVSTN   160
NTDB id 259 KZH43 RS03480 WP 000491790.1      ADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISSVSTN   160
NTDB id 218 SPD RS03780 WP 000491790.1        ADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISSVSTN   160
NTDB id 184 SPR RS03565 WP 000491790.1        ADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISSVSTN   160
NTDB id 148 SP RS03910 WP 000491790.1         ADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISSVSTN   160
NTDB id 363 SMU RS05195 WP 002262215.1        .ASFKVKSNGQMAANTDTILYDKKHNVINNVNAFSSLYHIRPKLKDIGDIVEQEAKNIYGQTEKYRTVTVKVNN.DFYPQ   157
consensus                                     ****!!********!!**!!*!!********!*!**!**!****!**!*!******!*!!!*!*!!******!*******

logo
NTDB id 338064 EQH23 RS03810 WP 000491795.1   IKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVLQNRLE   240
NTDB id 259 KZH43 RS03480 WP 000491790.1      IKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVLQNRLE   240
NTDB id 218 SPD RS03780 WP 000491790.1        IKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVLQNRLE   240
NTDB id 184 SPR RS03565 WP 000491790.1        IKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVLQNRLE   240
NTDB id 148 SP RS03910 WP 000491790.1         IKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVLQNRLE   240
NTDB id 363 SMU RS05195 WP 002262215.1        IKFATIVINTTQLEEANTRYVTIIISVMIVFWLISVIASVYLAKWSQKPILENYEKQKSFVENASHELRTPLAVLQNRLE   237
consensus                                     !!*!***!!!*!!!*!*******!**!!**!!**!**!!*!!!**!**!*!!***!!*!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 338064 EQH23 RS03810 WP 000491795.1   TLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFRFENRI   320
NTDB id 259 KZH43 RS03480 WP 000491790.1      TLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFRFENRI   320
NTDB id 218 SPD RS03780 WP 000491790.1        TLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFRFENRI   320
NTDB id 184 SPR RS03565 WP 000491790.1        TLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFRFENRI   320
NTDB id 148 SP RS03910 WP 000491790.1         TLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFRFENRI   320
NTDB id 363 SMU RS05195 WP 002262215.1        SLFRKPEATILDSSESIASSLEEVRNMRMLTANLLNLARRDDGIKPEITEIQPRFFDDTFKNYEMIARENGKKLHIINKV   317
consensus                                     *!!!!!!!!!!*!*!!!!!!!!!!!!!!!!!!*!!**!!!!!!!!!!!!!!!!**!*****!!**!!*!!!!!!*!!*******!**

logo
NTDB id 338064 EQH23 RS03810 WP 000491795.1   HRTIVTDQLLLKQLMTILFDNAVKYTEEDGEINFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGF   400
NTDB id 259 KZH43 RS03480 WP 000491790.1      HRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGF   400
NTDB id 218 SPD RS03780 WP 000491790.1        HRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGF   400
NTDB id 184 SPR RS03565 WP 000491790.1        HRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGF   400
NTDB id 148 SP RS03910 WP 000491790.1         HRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGF   400
NTDB id 363 SMU RS05195 WP 002262215.1        NRQIKTDKTLLKQLMTILFDNAVKYTDNDGEIWLDVKTTDRSLIFSVADNGQGISDEDKKKIFDRFYRVDKARTRQKGGF   397
consensus                                     *!*!*!!**!!!!!!!!!!!!!!!!!!!!**!!!!!******!!!*!***!*!!!!*!!!*!!!!!!!!!!!!!!!!!!!!!!
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logo                                                  GLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK
                                                      TTS  SI I  K I Q VM  ARLLANK

NTDB id 338064 EQH23 RS03810 WP 000491795.1           GLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 259 KZH43 RS03480 WP 000491790.1              GLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 218 SPD RS03780 WP 000491790.1                GLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 184 SPR RS03565 WP 000491790.1                GLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 148 SP RS03910 WP 000491790.1                 GLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 363 SMU RS05195 WP 002262215.1                GLGLSLAKQITDSLKGSIIVKDKKPQGVMFEARLLANK......   435
consensus                                             !!!!!!!!!!*!*!!!***!!!*!!*!**!!*************
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X non conserved

X similar

X $\geq$ 50% conserved