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logo
NTDB id 259 KZH43 RS03480 WP 000491790.1     MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDL....ENARA   81
NTDB id 218 SPD RS03780 WP 000491790.1       MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDL....ENARA   81
NTDB id 184 SPR RS03565 WP 000491790.1       MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDL....ENARA   81
NTDB id 148 SP RS03910 WP 000491790.1        MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDL....ENARA   81
NTDB id 120947 DK93 RS04025 WP 011054528.1   .MNKLKKEILSDNYNHFFHFFAVFTGIFVIMTIIILQIMRFGVYSSVDSSLVSVSNNASSYANRTMARISSFYFDTENNIIKALP   84
NTDB id 363 SMU RS05195 WP 002262215.1       MLIKLRKQKQDENISFFSHFFAVFTGIFFVMTVIIIQVMHFGIYSSVDNSLKIATENVNDYVNMTLSHNNPITEAEN......GD   79
consensus                                    ***!!*!*********!***!*!!!*!!**!!*!!*!*!****!*!!!**!*****!******************    *****

logo
NTDB id 259 KZH43 RS03480 WP 000491790.1     DASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISSVSTNIKYAAV  166
NTDB id 218 SPD RS03780 WP 000491790.1       DASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISSVSTNIKYAAV  166
NTDB id 184 SPR RS03565 WP 000491790.1       DASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISSVSTNIKYAAV  166
NTDB id 148 SP RS03910 WP 000491790.1        DASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISSVSTNIKYAAV  166
NTDB id 120947 DK93 RS04025 WP 011054528.1   DSDSSKLLGTPAANTDIILFSANGTILNAFDAFSNYQNFHLDKRRLGSIETTSLMNFYGQEEKYHTITVRVHIKN.YPAVAYMMA  168
NTDB id 363 SMU RS05195 WP 002262215.1       ASFKVKSNGQMAANTDTILYDKKHNVINNVNAFSSLYHIRPKLKDIGDIVEQEAKNIYGQTEKYRTVTVKVNNDF.YPQIKFATI  163
consensus                                    *************!!**!!*************!*************!*!******!*!!!*!*!*******************

logo
NTDB id 259 KZH43 RS03480 WP 000491790.1     LINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVLQNRLETLFRKPEATIM  251
NTDB id 218 SPD RS03780 WP 000491790.1       LINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVLQNRLETLFRKPEATIM  251
NTDB id 184 SPR RS03565 WP 000491790.1       LINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVLQNRLETLFRKPEATIM  251
NTDB id 148 SP RS03910 WP 000491790.1        LINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVLQNRLETLFRKPEATIM  251
NTDB id 120947 DK93 RS04025 WP 011054528.1   VVNVEQLDRANERYERIIIIVMSVFWLISILASIYLAKWSRKPILESYEKQKMFVENASHELRTPLAVLQNRLESLFRKPNETIL  253
NTDB id 363 SMU RS05195 WP 002262215.1       VINTTQLEEANTRYVTIIISVMIVFWLISVIASVYLAKWSQKPILENYEKQKSFVENASHELRTPLAVLQNRLESLFRKPEATIL  248
consensus                                    **!**!!**!*******!**!!**!!**!**!!*!!!**!**!!***!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!**!!*

logo
NTDB id 259 KZH43 RS03480 WP 000491790.1     DVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLMT  336
NTDB id 218 SPD RS03780 WP 000491790.1       DVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLMT  336
NTDB id 184 SPR RS03565 WP 000491790.1       DVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLMT  336
NTDB id 148 SP RS03910 WP 000491790.1        DVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLMT  336
NTDB id 120947 DK93 RS04025 WP 011054528.1   ENSEHLASSLDEVRNMRILTTNLLNLARRDDGINPQWTHLDTDFFNAIFENYELVAKEYGKIFYFQNQVNRSLRMDKALLKQLIT  338
NTDB id 363 SMU RS05195 WP 002262215.1       DSSESIASSLEEVRNMRMLTANLLNLARRDDGIKPEITEIQPRFFDDTFKNYEMIARENGKKLHIINKVNRQIKTDKTLLKQLMT  333
consensus                                    **!!**!!!!*!!!!!!*!!*!!!!!!!!!!!*!********!!***!*!!!**!*!********!***!****!**!!!!!*!

logo
NTDB id 259 KZH43 RS03480 WP 000491790.1     ILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVK  421
NTDB id 218 SPD RS03780 WP 000491790.1       ILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVK  421
NTDB id 184 SPR RS03565 WP 000491790.1       ILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVK  421
NTDB id 148 SP RS03910 WP 000491790.1        ILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVK  421
NTDB id 120947 DK93 RS04025 WP 011054528.1   ILFDNAIKYTDKNGIIEIIVKTTDKNLLISVIDNGPGITDEEKKKIFDRFYRVDKARTRQTGGFGLGLALAQQIVMSLKGNITVK  423
NTDB id 363 SMU RS05195 WP 002262215.1       ILFDNAVKYTDNDGEIWLDVKTTDRSLIFSVADNGQGISDEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQITDSLKGSIIVK  418
consensus                                    !!!!!!*!!!***!*!******!!**!***!*!!!*!!**!*!!!!!!!!!!!!!!!!!!!!*!!!!!!!*!!*!!***!!!***!!
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logo                                          DNKPKGTIFEVKIAIQTPSKKKK
                                              KDI QVSMI ARLLANK

NTDB id 259 KZH43 RS03480 WP 000491790.1      DNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 218 SPD RS03780 WP 000491790.1        DNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 184 SPR RS03565 WP 000491790.1        DNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 148 SP RS03910 WP 000491790.1         DNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 120947 DK93 RS04025 WP 011054528.1    DNDPKGSIFEVKL..........   436
NTDB id 363 SMU RS05195 WP 002262215.1        DKKPQGVMFEARLLANK......   435
consensus                                     !**!*!**!!*************
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X non conserved

X similar

X $\geq$ 50% conserved