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logo
NTDB id 363 SMU RS05195 WP 002262215.1     MLIKLRKQKQDENISFFSHFFAVFTGIFFVMTVIIIQVMHFGIYSSVDNSLKIATENVNDYVNMTLSHNNPI......TEAENGD   79
NTDB id 39328 SIR RS14115 WP 003072859.1   MLNKLKKAWYADDFSYFIRNFGIFTLIFSAMTLIIIQVMRSSLYTTVDNNLKSLSQDSASVINLALARKVGLEQKSENGEPKSGT   85
NTDB id 259 KZH43 RS03480 WP 000491790.1   MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLENAR....A   81
NTDB id 218 SPD RS03780 WP 000491790.1     MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLENAR....A   81
NTDB id 184 SPR RS03565 WP 000491790.1     MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLENAR....A   81
NTDB id 148 SP RS03910 WP 000491790.1      MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLENAR....A   81
consensus                                  !**!!*!*******!*!***!**!!*!!**!!*!!*!!!****!**!!**!*****************************     *

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NTDB id 363 SMU RS05195 WP 002262215.1     ASFKVKSNGQMAANTDTILYDKKHNVINNVNAFSSLYHIRPKLKDIGDIVEQEAKNIYGQTEKYRTVTVKVNN.DFYPQIKFATI   163
NTDB id 39328 SIR RS14115 WP 003072859.1   ADKELTDKPNVSANTEVILFDKNYKSIITSNNFLGFNKLSFNSKQLDRIRQIQVKSNYGREETYRMVLFQVKLPNLETNVKYAAV   170
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
consensus                                  *************!!**!!*!!********!*!**********!****!********!!**!*!!***************!*!**

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NTDB id 363 SMU RS05195 WP 002262215.1     VINTTQLEEANTRYVTIIISVMIVFWLISVIASVYLAKWSQKPILENYEKQKSFVENASHELRTPLAVLQNRLESLFRKPEATIL   248
NTDB id 39328 SIR RS14115 WP 003072859.1   FINISQLEQTSQNHEQLIVVVMISFWGISLIASVYLARVSVKPLLESIQKQKSFVENASHELRTPLAVLQNRLETLFRKPEATIM   255
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
consensus                                  *!!**!!!*********!**!!**!!**!**!!*!!!**!**!*!!***!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*

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NTDB id 363 SMU RS05195 WP 002262215.1     DSSESIASSLEEVRNMRMLTANLLNLARRDDGIKPEITEIQPRFFDDTFKNYEMIARENGKKLHIINKVNRQIKTDKTLLKQLMT   333
NTDB id 39328 SIR RS14115 WP 003072859.1   ESSESIASSLDEVRNMKMLTTNLLNLARRDDGIKPEIGDIEPNFFNTTFTNYEMVATENGKVFRFDNRIHRVIKTDKTLLKQLMT   340
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
consensus                                  **!!!!!!!!!*!!!!!**!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

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NTDB id 363 SMU RS05195 WP 002262215.1     ILFDNAVKYTDNDGEIWLDVKTTDRSLIFSVADNGQGISDEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQITDSLKGSIIVK   418
NTDB id 39328 SIR RS14115 WP 003072859.1   ILFDNALKYTDEDGVIELTISANDRNLFLKVSDNGPGISTADKKKIFDRFYRVDKARTRQTGGFGLGLSLAKQITEALKGTITVK   425
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
consensus                                  !!!!!!*!!!**!!*!*******!!*!***!*!!!*!!!**!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!***!!!**!!
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NTDB id 363 SMU RS05195 WP 002262215.1      DKKPQGVMFEARLLANK......   435
NTDB id 39328 SIR RS14115 WP 003072859.1    DNKPKGTVFEVKIAIRTDNKKKK   448
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
consensus                                   !*!!*!**!!**************
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X non conserved
X similar
X $\geq$ 50% conserved