logo

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NTDB id 352691 ES298 RS03720 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       MLIKLRKQKQDENISFFSHFFAVFTGIFFVMTVIIIQVMHFGIYSSVDNSLKIATENVNDYVNMTLSHNN.PITEAENGD  79
consensus                                    !**!!*!*******!*!***!*!!!*!!**!!*!!*!!!!***!*!!!**!*****!!***************!***!!**
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logo

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NTDB id 352691 ES298 RS03720 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                                    ****!!*******!!**!!*!!********!*!**!**!****!**!*!******!*!!!*!*!!******!*******
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logo

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NTDB id 352691 ES298 RS03720 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       IKFATIVINTTQLEEANTRYVTIILSVMIVFWLISVIASVYLAKWSQKPILENYEKQKSFVENASHELRTPLAVLQNRLE  237
consensus                                    !!*!***!!!*!!!*!*******!**!!**!!**!**!!*!!!**!**!*!!***!!*!!!!!!!!!!!!!!!!!!!!!
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logo

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NTDB id 352691 ES298 RS03720 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                                    *!!!!!!!!!!*!*!!!!!!!!!!!!!!!!!!*!!**!!!!!!!!!!!!!!!!!**!*****!!**!!*!!!!!!*!!*******!**
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logo

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NTDB id 352691 ES298 RS03720 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

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NTDB id 352691 ES298 RS03720 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 ≥ 50% conserved