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logo
NTDB id 363 SMU RS05195 WP 002262215.1      MLIKLRKQKQDENISFFSHFFAVFTGIFFVMTVIIIQVMHFGIYSSVDNSLKIATENVNDYVNMTLSHNNPITEAE.......NG   78
NTDB id 62909 N597 RS03020 WP 023022849.1   MLNKIKKTVNADDFSYFIRYFGLFTLIFSTMTLIIIQVMRSSLYTTVDENLKILSKDRYSIISLANRTGNGMGRDEPDDDRPEDN   85
NTDB id 259 KZH43 RS03480 WP 000491790.1    MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDL.....ENAR   80
NTDB id 218 SPD RS03780 WP 000491790.1      MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDL.....ENAR   80
NTDB id 184 SPR RS03565 WP 000491790.1      MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDL.....ENAR   80
NTDB id 148 SP RS03910 WP 000491790.1       MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDL.....ENAR   80
consensus                                   !**!**!*******!*!***!**!!*!!**!!*!!*!!!****!**!!**!************************      ****

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NTDB id 363 SMU RS05195 WP 002262215.1      DASFKVKSNGQMAANTDTILYDKKHNVINNVNAFSSLYHIRPKLKDIGDIVEQEAKNIYGQTEKYRTVTVKVNND.FYPQIKFAT  162
NTDB id 62909 N597 RS03020 WP 023022849.1   EPDPEDGPRPSVTSNSTAILLNDNFENVTTDNGFLDLKTVTFSRSYLNKIKQIQITNHYKQKESYRAYLVDIDPDDYIDGVKYAV  170
NTDB id 259 KZH43 RS03480 WP 000491790.1    ADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISSVSTNIKYAA  165
NTDB id 218 SPD RS03780 WP 000491790.1      ADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISSVSTNIKYAA  165
NTDB id 184 SPR RS03565 WP 000491790.1      ADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISSVSTNIKYAA  165
NTDB id 148 SP RS03910 WP 000491790.1       ADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNISSVSTNIKYAA  165
consensus                                   **************!***!!***********!*!**!***********!******!*!*!*!*!!***************!*!*

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NTDB id 363 SMU RS05195 WP 002262215.1      IVINTTQLEEANTRYVTIIISVMIVFWLISVIASVYLAKWSQKPILENYEKQKSFVENASHELRTPLAVLQNRLESLFRKPEATI  247
NTDB id 62909 N597 RS03020 WP 023022849.1   IMTNISQLEQTSEKHESQIALVMICFWGISLFASIFLAKMSVKPLLESMNRQKAFVENASHELRTPLAVLQNRLETLFRKPEATI  255
NTDB id 259 KZH43 RS03480 WP 000491790.1    VLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVLQNRLETLFRKPEATI  250
NTDB id 218 SPD RS03780 WP 000491790.1      VLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVLQNRLETLFRKPEATI  250
NTDB id 184 SPR RS03565 WP 000491790.1      VLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVLQNRLETLFRKPEATI  250
NTDB id 148 SP RS03910 WP 000491790.1       VLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVLQNRLETLFRKPEATI  250
consensus                                   ***!**!!!*********!**!!**!!**!**!!**!!**!**!*!!****!**!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

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NTDB id 363 SMU RS05195 WP 002262215.1      LDSSESIASSLEEVRNMRMLTANLLNLARRDDGIKPEITEIQPRFFDDTFKNYEMIARENGKKLHIINKVNRQIKTDKTLLKQLM  332
NTDB id 62909 N597 RS03020 WP 023022849.1   MESSENIASSLDEVRNMRLLTTNLLNLARRDDGIKPEFCEIPPSFFDQTFANYEIIAEENDKIFEYENHVERSLVSDKVLLKQLM  340
NTDB id 259 KZH43 RS03480 WP 000491790.1    MDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLM  335
NTDB id 218 SPD RS03780 WP 000491790.1      MDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLM  335
NTDB id 184 SPR RS03565 WP 000491790.1      MDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLM  335
NTDB id 148 SP RS03910 WP 000491790.1       MDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLM  335
consensus                                   ***!!*!!!!!*!!!!!!*!!**!!!!!!!!!!!!!!!**!****!!**!!*!!!*!!*!!*******!***!****!**!!!!!!

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NTDB id 363 SMU RS05195 WP 002262215.1      TILFDNAVKYTDNDGEIWLDVKTTDRSLIFSVADNGQGISDEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQITDSLKGSIIV  417
NTDB id 62909 N597 RS03020 WP 023022849.1   TILYDNALKYTEEEGKIRFVAQFKDRYLYLRVEDNGPGIADEDKKRIFDRFYRVDKARTRQKGGFGLGLSLAKQIVEAFNGTITV  425
NTDB id 259 KZH43 RS03480 WP 000491790.1    TILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTV  420
NTDB id 218 SPD RS03780 WP 000491790.1      TILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTV  420
NTDB id 184 SPR RS03565 WP 000491790.1      TILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTV  420
NTDB id 148 SP RS03910 WP 000491790.1       TILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTV  420
consensus                                   !!!*!!!!*!!!***!*!*******!!*!***!*!!!!*!!**!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*****!***!
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logo
                                                  KDNKPKGTIFEVKIAIQTPSKKKK
                                                  RKI QXM ARLLARRD STSKSTKNK
NTDB id 363 SMU RS05195 WP 002262215.1            KDKKPQGVMFEARLLANK..............   435
NTDB id 62909 N597 RS03020 WP 023022849.1         RDNKPKGAIFEVKLATKSDSKKKSTSKSTKNK   457
NTDB id 259 KZH43 RS03480 WP 000491790.1          KDNKPKGTIFEVKIAIQTPSKKKK........   444
NTDB id 218 SPD RS03780 WP 000491790.1            KDNKPKGTIFEVKIAIQTPSKKKK........   444
NTDB id 184 SPR RS03565 WP 000491790.1            KDNKPKGTIFEVKIAIQTPSKKKK........   444
NTDB id 148 SP RS03910 WP 000491790.1             KDNKPKGTIFEVKIAIQTPSKKKK........   444
consensus                                         *!*!!*!**!!***********
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X non conserved

X similar

X $\geq$50% conserved