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logo
NTDB id 363 SMU RS05195 WP 002262215.1          MLIKLRKQKQDENISFFSHFFAVFTGIFFVMTVIIIQVMHFGIYSSVDNSLKIATENVNDYVNMTLSHNNPI......TE   74
NTDB id 388995 LPB220 RS04615 WP 150905820.1    MLTRIKKTVGEDDFSYFIRYFGLFTLIFSAMTLIIIQVMRSSLYTTVDENLKTLSQDPYSLVAIAYRDQRQSNTKGDDND   80
NTDB id 259 KZH43 RS03480 WP 000491790.1        MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEE.....IKD   75
NTDB id 218 SPD RS03780 WP 000491790.1          MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEE.....IKD   75
NTDB id 184 SPR RS03565 WP 000491790.1          MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEE.....IKD   75
NTDB id 148 SP RS03910 WP 000491790.1           MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEE.....IKD   75
consensus                                       !*****!*******!*!***!**!!*!!**!!*!!*!!!****!**!!**!*********************      ***

logo
NTDB id 363 SMU RS05195 WP 002262215.1          AEN.GDASFKVKSNGQMAANTDTILYDKKHNVINNVNAFSSLYHIRPKLKDIGDIVEQEAKNIYGQTEKYRTVTVKVN..   151
NTDB id 388995 LPB220 RS04615 WP 150905820.1    HEMMIPDHDKSEPKGDVTSNTTVVLLNKKYENLTTGNGFLNFKTVTFGRKLLNKVSQLQITNSYGKKESYRAYMAELSLS   160
NTDB id 259 KZH43 RS03480 WP 000491790.1        LENARADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNIS   155
NTDB id 218 SPD RS03780 WP 000491790.1          LENARADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNIS   155
NTDB id 184 SPR RS03565 WP 000491790.1          LENARADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNIS   155
NTDB id 148 SP RS03910 WP 000491790.1           LENARADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNIS   155
consensus                                       *!*******!*********!!***!**!********!*!**********!***********!*!!**!*!!*********

logo
NTDB id 363 SMU RS05195 WP 002262215.1          .NDFYPQIKFATIVINTTQLEEANTRYVTIIISVMIVFWLISVIASVYLAKWSQKPILENYEKQKSFVENASHELRTPLA   230
NTDB id 388995 LPB220 RS04615 WP 150905820.1    DDESDSDIKYAVVMTNISQLEQTSEEHESQIALVMICFWGISLFASLFLARLSVKPLLESMQKQKAFVENASHELRTPLA   240
NTDB id 259 KZH43 RS03480 WP 000491790.1        S..VSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLA   233
NTDB id 218 SPD RS03780 WP 000491790.1          S..VSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLA   233
NTDB id 184 SPR RS03565 WP 000491790.1          S..VSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLA   233
NTDB id 148 SP RS03910 WP 000491790.1           S..VSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLA   233
consensus                                       *  ****!!*!****!**!!!*********!**!!**!!**!**!!**!!**!**!*!!***!!*!!!!!!!!!!!!!!!

logo
NTDB id 363 SMU RS05195 WP 002262215.1          VLQNRLESLFRKPEATILDSSESIASSLEEVRNMRMLTANLLNLARRDDGIKPEITEIQPRFFDDTFKNYEMIARENGKK   310
NTDB id 388995 LPB220 RS04615 WP 150905820.1    VLQNRLETLFRKPEATIMESSENIASSLDEVRNMKLLTTNLLNIARRDDGLKPEMEDIEPSFFDQTFSNFEIIAEENDKL   320
NTDB id 259 KZH43 RS03480 WP 000491790.1        VLQNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRV   313
NTDB id 218 SPD RS03780 WP 000491790.1          VLQNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRV   313
NTDB id 184 SPR RS03565 WP 000491790.1          VLQNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRV   313
NTDB id 148 SP RS03910 WP 000491790.1           VLQNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRV   313
consensus                                       !!!!!!!*!!!!!!!!!!***!!*!!!!!*!!!!!**!!*!!!*!!!!!!*!!!*******!!**!!*!*!*!!*!!***

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NTDB id 363 SMU RS05195 WP 002262215.1          LHIINKVNRQIKTDKTLLKQLMTILFDNAVKYTDNDGEIWLDVKTTDRSLIFSVADNGQGISDEDKKKIFDRFYRVDKAR   390
NTDB id 388995 LPB220 RS04615 WP 150905820.1    FRGDNQVDKVICSDRTLLKQLMTILYDNALKYTDEDGEIQFEVQLKDKNLLLRVLDNGPGIRDEDKKRIFDRFYRVDKAR   400
NTDB id 259 KZH43 RS03480 WP 000491790.1        FRFENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKAR   393
NTDB id 218 SPD RS03780 WP 000491790.1          FRFENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKAR   393
NTDB id 184 SPR RS03565 WP 000491790.1          FRFENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKAR   393
NTDB id 148 SP RS03910 WP 000491790.1           FRFENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKAR   393
consensus                                       ****!*****!**!**!!!!!!!!!!*!!!*!!!!**!!!!*******!**!***!*!!!*!!**!!!!!*!!!!!!!!!!!!
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logo

NTDB id 363 SMU RS05195 WP 002262215.1          TRQKGGFGLGLSLAKQITDSLKGSIIVKDKKPQGVMFEARLLANK........   435
NTDB id 388995 LPB220 RS04615 WP 150905820.1    TRQKGGFGLGLSLAKQIVEAFKGTIQVKDNKPKGTIFEVKLSIKTESRKKNRS   453
NTDB id 259 KZH43 RS03480 WP 000491790.1        TRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK..   444
NTDB id 218 SPD RS03780 WP 000491790.1          TRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK..   444
NTDB id 184 SPR RS03565 WP 000491790.1          TRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK..   444
NTDB id 148 SP RS03910 WP 000491790.1           TRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK..   444
consensus                                       !!!!!!!!!!!!!!!!!!****!!***!!!*!!*!**!!**************
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X non conserved

X similar

X $\geq$ 50% conserved