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logo
NTDB id 363 SMU RS05195 WP 002262215.1        MLIKLRKQKQDENISFFSHFFAVFTGIFFVMTVIIIQVMHFGIYSSVDNSLKIATENVNDYVNMTLSHNNPI.TEAENGD   79
NTDB id 247989 CO687 RS08300 WP 096755252.1  MLNKLRRTFYADDFSYFIRYFGVFTLIFSAMTLLIIQIMRSGLYTTVDDNLKSLSQNPRSVLHLALARAANMQPTIDEGQ   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
consensus                                    !**!!*********!*!***!*!!!*!!**!!**!*!*!****!**!!**!*****!**********************

logo
NTDB id 363 SMU RS05195 WP 002262215.1        A...........SFKVKSNGQMAANTDTILYDKKHNVINNVNAFSSLYHIRPKLKDIGDIVEQEAKNIYGQTEKYRTVTV  148
NTDB id 247989 CO687 RS08300 WP 096755252.1  SSDDDTGPQDAPDPGPMDNLKVNSNTEAVLFDEDLKPLTTADHFLSLKKISIKKKDVGKIIQTTLKNNYGQEELYRMLVF  160
NTDB id 259 KZH43 RS03480 WP 000491790.1     ADAS..........KVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILM  150
NTDB id 218 SPD RS03780 WP 000491790.1       ADAS..........KVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILM  150
NTDB id 184 SPR RS03565 WP 000491790.1       ADAS..........KVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILM  150
NTDB id 148 SP RS03910 WP 000491790.1        ADAS..........KVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILM  150
consensus                                    ****          **********!!***!*!***********!**!**!****!**!*!******!*!!!*!*!!****

logo
NTDB id 363 SMU RS05195 WP 002262215.1        KVNND......FYPQIKFATIVINTTQLEEANTRYVTIIISVMIVFWLISVIASVYLAKWSQKPILENYEKQKSFVENAS  222
NTDB id 247989 CO687 RS08300 WP 096755252.1  EINPSEFLSGNLLNKVKYAAVLINVNQLEQTSQNHEQIIVIVMISFWLISIIASIYLARVSVKPLIDSMQKQKSFVENAS  240
NTDB id 259 KZH43 RS03480 WP 000491790.1     ETNISS.....VSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENAS  225
NTDB id 218 SPD RS03780 WP 000491790.1       ETNISS.....VSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENAS  225
NTDB id 184 SPR RS03565 WP 000491790.1       ETNISS.....VSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENAS  225
NTDB id 148 SP RS03910 WP 000491790.1        ETNISS.....VSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENAS  225
consensus                                    **!***      *****!*!***!!**!!!*********!**!!**!!**!**!!*!!!**!**!******!!*!!!!!!!

logo
NTDB id 363 SMU RS05195 WP 002262215.1        HELRTPLAVLQNRLESLFRKPEATILDSSESIASSLEEVRNMRMLTANLLNLARRDDGIKPEITEIQPRFFDDTFKNYEM  302
NTDB id 247989 CO687 RS08300 WP 096755252.1  HELRTPLAVLQNRLETLFRKPEATIMESSENIASSLEEVRNMRMLTTNLLNLARRDDGIKAEITEVEPEFFTTTFANYEI  320
NTDB id 259 KZH43 RS03480 WP 000491790.1     HELRTPLAVLQNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEM  305
NTDB id 218 SPD RS03780 WP 000491790.1       HELRTPLAVLQNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEM  305
NTDB id 184 SPR RS03565 WP 000491790.1       HELRTPLAVLQNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEM  305
NTDB id 148 SP RS03910 WP 000491790.1        HELRTPLAVLQNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEM  305
consensus                                    !!!!!!!!!!!!!!!!*!!!!!!!!!**!!*!!!!!!!!!!!!!*!!**!!!!!!!!!!!!!!*!**!****!!**!!*!!!*

logo
NTDB id 363 SMU RS05195 WP 002262215.1        IARENGKKLHIINKVNRQIKTDKTLLKQLMTILFDNAVKYTDNDGEIWLDVKTTDRSLIFSVADNGQGISDEDKKKIFDR  382
NTDB id 247989 CO687 RS08300 WP 096755252.1  IADENEKVFIYENHIDHNIKTDRTLLKQLMTILFDNAVKYTEEDGVIKFIVWSKDRSLYLRVSDNGPGINNEDKKKIFDR  400
NTDB id 259 KZH43 RS03480 WP 000491790.1     IASENNRVFRFENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDR  385
NTDB id 218 SPD RS03780 WP 000491790.1       IASENNRVFRFENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDR  385
NTDB id 184 SPR RS03565 WP 000491790.1       IASENNRVFRFENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDR  385
NTDB id 148 SP RS03910 WP 000491790.1        IASENNRVFRFENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDR  385
consensus                                    !!*!!*******!*****!*!!**!!!!!!!!!!!!!!!!!!**!!*!*******!!*!***!*!!!*!!**!!!!!!!!!
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logo

NTDB id 363 SMU RS05195 WP 002262215.1        FYRVDKARTRQKGGFGLGLSLAKQITDSLKGSIIVKDKKPQGVMFEARLLANK................   435
NTDB id 247989 CO687 RS08300 WP 096755252.1   FYRVDKARTRQKGGFGLGLSLAKQIADALKGTITVKDNRPKGTIFEVKISIKSESKKRVGRLNDGKKD   468
NTDB id 259 KZH43 RS03480 WP 000491790.1      FYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK.........   444
NTDB id 218 SPD RS03780 WP 000491790.1        FYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK.........   444
NTDB id 184 SPR RS03565 WP 000491790.1        FYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK.........   444
NTDB id 148 SP RS03910 WP 000491790.1         FYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK.........   444
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!*!*!!!***!!!**!*!**!!*************
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X non conserved

X similar

X $\geq$ 50% conserved