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logo
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 1020937 ABZ559 RS06945 WP 367005676.1   MLNRLRKRLASETFTHFFHFFAVFTSIFVIMTTIILQIMRYGVYSSVDTRLQEAVNSYESYVNMALARIFSVE....TDG   76
NTDB id 363 SMU RS05195 WP 002262215.1          MLIKLRKQKQDENISFFSHFFAVFTGIFFVMTVIILQVMHFGIYSSVDNSLKIATENVNDYVNMTLSHNNPIT....EAE   76
consensus                                       !***!*!*********!***!*!!!*!!**!!*!!*!*!****!*!!!**!*****************************
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logo
NTDB id 259 KZH43 RS03480 WP 000491790.1        ADASKVEI.....KPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNIS  155
NTDB id 218 SPD RS03780 WP 000491790.1          ADASKVEI.....KPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNIS  155
NTDB id 184 SPR RS03565 WP 000491790.1          ADASKVEI.....KPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNIS  155
NTDB id 148 SP RS03910 WP 000491790.1           ADASKVEI.....KPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYGQEEIYRVILMETNIS  155
NTDB id 1020937 ABZ559 RS06945 WP 367005676.1   DG.ITFKFDPGKKPNYKVSNIDVLLYDKEGNLLNTVDAYAQFGTVSLDTSKLNEIVDGQLQTSFGQKEKFHYVTIKVSS.  154
NTDB id 363 SMU RS05195 WP 002262215.1          NGDASFKVKS...NGQMAANTDTILYDKKHNVINNVNAFSSLYHIRPKLKDIGDIVEQEAKNIYGQTEKYRTVTVKVNN.  152
consensus                                       *******     ******!****!*!!*****************************!*********!!*!***********
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logo
NTDB id 259 KZH43 RS03480 WP 000491790.1        SVSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVL  235
NTDB id 218 SPD RS03780 WP 000491790.1          SVSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVL  235
NTDB id 184 SPR RS03565 WP 000491790.1          SVSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVL  235
NTDB id 148 SP RS03910 WP 000491790.1           SVSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQKQQSFVENASHELRTPLAVL  235
NTDB id 1020937 ABZ559 RS06945 WP 367005676.1   SDYPSVKYATFLVNVSQLDEANDRFITITISVMVVFWIISVAASVYLAKWSRKPILESYEKQKSFVENASHELRTPLAVL  234
NTDB id 363 SMU RS05195 WP 002262215.1          DFYPQIKFATIVINTTQLEEANTRYVTIIISVMIVFWLISVIASVYLAKWSQKPILENYEKQKSFVENASHELRTPLAVL  232
consensus                                       ******!*!****!**!!**!**********!!**!!**!**!!*!!!**!**!*!***!!*!!!!!!!!!!!!!!!!!!
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logo
NTDB id 259 KZH43 RS03480 WP 000491790.1        QNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFR  315
NTDB id 218 SPD RS03780 WP 000491790.1          QNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFR  315
NTDB id 184 SPR RS03565 WP 000491790.1          QNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFR  315
NTDB id 148 SP RS03910 WP 000491790.1           QNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFTNYEMIASENNRVFR  315
NTDB id 1020937 ABZ559 RS06945 WP 367005676.1   QNRLESLFRKPNSTILDNSESIAASLDEVRNMRLLTTNLLNLARRDDGLNPEIEDIVPNFIDDIFENYNMIAEDSGKTFI  314
NTDB id 363 SMU RS05195 WP 002262215.1          QNRLESLFRKPEATILDSSESIASSLEEVRNMRMLTANLLNLARRDDGIKPEITEIQPRFFDDTFKNYEMIARENGKKLH  312
consensus                                       !!!!!*!!!!!**!!*!*!!!!!*!!*!!!!!!!*!!**!!!!!!!!!!!**!!*******!****!*!!*!!!********
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logo
NTDB id 259 KZH43 RS03480 WP 000491790.1        FENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTR  395
NTDB id 218 SPD RS03780 WP 000491790.1          FENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTR  395
NTDB id 184 SPR RS03565 WP 000491790.1          FENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTR  395
NTDB id 148 SP RS03910 WP 000491790.1           FENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTR  395
NTDB id 1020937 ABZ559 RS06945 WP 367005676.1   GKNQTNRTFKSDKTLLKQLMTILFDNAIKYTGDDGEIIFTVKTTDKQLILQVADNGPGIANEDKKKIFDRFYRVDKARTR  394
NTDB id 363 SMU RS05195 WP 002262215.1          IINKVNRQIKTDKTLLKQLMTILFDNAVKYTDNDGEIWLDVKTTDRSLIFSVADNGQGISDEDKKKIFDRFYRVDKARTR  392
consensus                                       **!***!****!**!!!!!!!!!!!!!!*!!!**!!!!!******!!**!***!*!!!!*!!**!!!!!!!!!!!!!!!!!!
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logo
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NTDB id 259 KZH43 RS03480 WP 000491790.1          QKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 218 SPD RS03780 WP 000491790.1            QKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 184 SPR RS03565 WP 000491790.1            QKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 148 SP RS03910 WP 000491790.1             QKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 1020937 ABZ559 RS06945 WP 367005676.1     QSGGFGLGLSLAQQIVHSLKGTIVVKDNTPKGTIFEVKL..........   433
NTDB id 363 SMU RS05195 WP 002262215.1            QKGGFGLGLSLAKQITDSLKGSIIVKDKKPQGVMFEARLLANK......   435
consensus                                         !*!!!!!!!!!!*!!**!!!***!!!**!*!**!!**************
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X non conserved

X similar

X $\geq$ 50% conserved