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logo
NTDB id 259 KZH43 RS03480 WP 000491790.1      ....MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIK..   74
NTDB id 218 SPD RS03780 WP 000491790.1        ....MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIK..   74
NTDB id 184 SPR RS03565 WP 000491790.1        ....MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIK..   74
NTDB id 148 SP RS03910 WP 000491790.1         ....MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIK..   74
NTDB id 1131150 H0513 RS04425 WP 179972892.1 MLTKFFNYLFRRIKSDGFKSFIHFFATFSGIFLIMTVMILQILRYGVYSNVDSSLKEAVTKTNSYLEMEMLKREFFLTSD   80
NTDB id 363 SMU RS05195 WP 002262215.1        ....MLIKLRKQKQDENISFFSHFFAVFTGIFFVMTVIIIQVMHFGIYSSVDNSLKIATENVNDYVNMTLSHNNPITEAE   76
consensus                                         ****!***********!***!**!**!!**!!**!*!******!**!!**!**********************
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logo
NTDB id 259 KZH43 RS03480 WP 000491790.1      ....................DLEN..........ARADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEK   124
NTDB id 218 SPD RS03780 WP 000491790.1        ....................DLEN..........ARADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEK   124
NTDB id 184 SPR RS03565 WP 000491790.1        ....................DLEN..........ARADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEK   124
NTDB id 148 SP RS03910 WP 000491790.1         ....................DLEN..........ARADASKVEIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEK   124
NTDB id 1131150 H0513 RS04425 WP 179972892.1 VDQNNTATIYQEYDSKASLDKIPNSGVYKTKSKKIKSKIEDAPHDLTVAANTSVLVLDKNGKALNVVDKFSSLSNLPIDK   160
NTDB id 363 SMU RS05195 WP 002262215.1        N.............GDA.........SFKV............KSNGQMAANTDTILYDKKHNVINNVNAFSSLYHIRPKL   122
consensus                                                   ****          ***************!!****!!**********!**!*******
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logo
NTDB id 259 KZH43 RS03480 WP 000491790.1      KELGHIYQIQVFNSYGQEEIYRVILMETNISSVSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLAR   204
NTDB id 218 SPD RS03780 WP 000491790.1        KELGHIYQIQVFNSYGQEEIYRVILMETNISSVSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLAR   204
NTDB id 184 SPR RS03565 WP 000491790.1        KELGHIYQIQVFNSYGQEEIYRVILMETNISSVSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLAR   204
NTDB id 148 SP RS03910 WP 000491790.1         KELGHIYQIQVFNSYGQEEIYRVILMETNISSVSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLAR   204
NTDB id 1131150 H0513 RS04425 WP 179972892.1 NTIDVISKGSAQNYFDQTENYRLITEKVD.NSFYPDAKYVVIAINTTQLEEATERYVKLIVIMMSFFWLLSIAASLYLAK   239
NTDB id 363 SMU RS05195 WP 002262215.1        KDIGDIVEQEAKNIYGQTEKYRTVTVKVN.NDFYPQIKFATIVINTTQLEEANTRYVTIIISVMIVFWLISVIASVYLAK   201
consensus                                     *****!******!***!*!*!!***************!*****!!!*!!!*******!***!**!!**!**!!*!!!*
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logo
NTDB id 259 KZH43 RS03480 WP 000491790.1      VSVRPLLESMQKQQSFVENASHELRTPLAVLQNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGI   284
NTDB id 218 SPD RS03780 WP 000491790.1        VSVRPLLESMQKQQSFVENASHELRTPLAVLQNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGI   284
NTDB id 184 SPR RS03565 WP 000491790.1        VSVRPLLESMQKQQSFVENASHELRTPLAVLQNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGI   284
NTDB id 148 SP RS03910 WP 000491790.1         VSVRPLLESMQKQQSFVENASHELRTPLAVLQNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGI   284
NTDB id 1131150 H0513 RS04425 WP 179972892.1 WSRRPIQESLEKQKTFVENASHELRTPLAMIQNRLESLFRKPESTILDNSENIAYSLDEVRNMRLLTTNLLNLTRRDDGI   319
NTDB id 363 SMU RS05195 WP 002262215.1        WSQKPILENYEKQKSFVENASHELRTPLAVLQNRLESLFRKPEATILDSSESIASSLEEVRNMRMLTANLLNLARRDDGI   281
consensus                                     *!**!**!***!!**!!!!!!!!!!!!!!!!**!!!!!*!!!!!!*!!!*!*!!*!!*!!*!!!!!!*!!**!!!!*!!!!!!
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logo
NTDB id 259 KZH43 RS03480 WP 000491790.1      KPELAEVPTSFFNTTFTNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLY   364
NTDB id 218 SPD RS03780 WP 000491790.1        KPELAEVPTSFFNTTFTNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLY   364
NTDB id 184 SPR RS03565 WP 000491790.1        KPELAEVPTSFFNTTFTNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLY   364
NTDB id 148 SP RS03910 WP 000491790.1         KPELAEVPTSFFNTTFTNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLY   364
NTDB id 1131150 H0513 RS04425 WP 179972892.1 KPEIETLDSSFFDKVFTNYATIAEESEKVFTAQNQVGRSIKTDKTLLKQLMTILFDNAIKYTEDDGQVILAVRTNDRHLY   399
NTDB id 363 SMU RS05195 WP 002262215.1        KPEITEIQPRFFDDTFKNYEMIARENGKKLHIINKVNRQIKTDKTLLKQLMTILFDNAVKYTDNDGEIWLDVKTTDRSLI   361
consensus                                     !!!*******!!***!*!!**!!*!********!***!*!*!!**!!!!!!!!!!!!!!*!!!**!!*********!!*!*
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logo

NTDB id 259 KZH43 RS03480 WP 000491790.1        LLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 218 SPD RS03780 WP 000491790.1          LLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 184 SPR RS03565 WP 000491790.1          LLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 148 SP RS03910 WP 000491790.1           LLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 1131150 H0513 RS04425 WP 179972892.1    ITVADNGPGIADEDKKKIFDRFYCVDKARTRQKGGFGLGLSLAQQIVLALKGTIIVKDNQPKGTIFEVKITGV.......   472
NTDB id 363 SMU RS05195 WP 002262215.1          FSVADNGQGISDEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQITDSLKGSIIVKDKKPQGVMFEARLLANK......   435
consensus                                       **!*!!!*!!**!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!*!!***!!!***!!!**!*!**!!*************
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X non conserved

X similar

X $\geq$ 50% conserved