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logo
NTDB id 586 KW2 RS10855 WP 011836048.1       ..MVQKKAQELIQKAIEMEASDIYLIASGNLYKIYIRQQLGRTLIEEVNQEIGLALLTHFKFLAGMNTGERRRVQLGACWYELEG   83
NTDB id 20011 SDD27957 00725 EFY01839.1      ..MVQALAKSILKEAEQVQAQDIYILPKEDQYELLVRVGDERRLVDVYRGDRMAHLISHFKFVAGMTVGEKRRCQVGSCDYDIGE   83
NTDB id 584 DLJ51 RS00890 WP 019777327.1     MVEVQELGKELIRQAVEEQAQDIYLLPKPAVYKIYLRFGEKRHLIQTCPPEQAAGLISHFKFLAGMNVGEKRRAQLGACDYAFAD   85
NTDB id 394 FSA28 RS09405 WP 002291652.1     ..MVQKLGRKIIAEAVQNKAQDIYIIPKKESYELYMRIGNERRFIDVYDHHFMANLISHFKFVAGMNVGEKRRSQLGSCDYSYDE   83
NTDB id 385 SMU RS09035 WP 002263435.1       ..MVQKLGRKIIAEAVQNKAQDIYIIPKKESYELYMRIGNERRFIDVYDHHFMANLISHFKFVAGMNVGEKRRSQLGSCDYSYDE   83
NTDB id 429 SGO RS09420 WP 012130942.1       ..MVQKIAQAIVRQAKEECAQDIYFVPKDDCYELYMRIGDERRFIQTYDFDQLAAVISHFKFLAGMNVGEKRRSQLGSCDYRYDD   83
NTDB id 500 SM12261 RS00945 WP 000249545.1   ..MVQEIAQEIIRSARKKGAQDIYFVPKLDAYELHMRVGDERCKIGCYDFEKFAAVISHFKFVAGMNVGEKRRSQLGSCDYEYDQ   83
NTDB id 270 KZH43 RS09265 WP 000249564.1     ..MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFAAVISHFKFVAGMNVGEKRRSQLGSCDYAYDH   83
NTDB id 229 SPD RS09895 WP 000249564.1       ..MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFAAVISHFKFVAGMNVGEKRRSQLGSCDYAYDH   83
NTDB id 195 SPR RS09430 WP 000249564.1       ..MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFAAVISHFKFVAGMNVGEKRRSQLGSCDYAYDH   83
NTDB id 160 SP RS10380 WP 000249564.1        ..MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFAAVISHFKFVAGMNVGEKRRSQLGSCDYAYDH   83
consensus                                     *!!********** !*   **!!!**** * !** *!****!  * ****** *****!!!!*!!!**!!*!!*!*!*!*! **

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NTDB id 586 KW2 RS10855 WP 011836048.1       SSAKRLRLSTVGDFEGNESLVIRLLHDQKQELEFWFDDK..LQDFRCKRGLYLFAGPVGSGKTSLMFDLAHRHFSNAQVITIEEP   166
NTDB id 20011 SDD27957 00725 EFY01839.1      DTLLSLRLSSVGNYRGQESLVIRLLHHRQRSLHYWFDGLKTVARQIGGRGLYLFAGPVGSGKTTLMHQLIADYYQGAQVISIEDP   168
NTDB id 584 DLJ51 RS00890 WP 019777327.1     GETAALRLSTVGDYQGRESLVIRLLFDRKRELKFWFDGLNALLPKIIGRGLYLFSGPVGSGKTTLMYELVSRKYPDSQIITIEDP   170
NTDB id 394 FSA28 RS09405 WP 002291652.1     GKVISLRLSSVGDYRGYESLVIRLLFSGRHDLKFWFNSMDLILNEIKGRGLYLFSGPVGSGKTSLMYQLVKLRFETKQVITIEDP   168
NTDB id 385 SMU RS09035 WP 002263435.1       GKVISLRLSSVGDYRGYESLVIRLLFSGRHDLKFWFNSMDLILNEIKGRGLYLFSGPVGSGKTSLMYQLVKLRFETKQVITIEDP   168
NTDB id 429 SGO RS09420 WP 012130942.1       .KETSIRLSTVGDYRGYESLVIRLLHDEETELKFWFTHFPELREKFKDRGLYLFSGPVGSGKTTLMHQLAQLKFKGQQVMSIEDP   167
NTDB id 500 SM12261 RS00945 WP 000249545.1   .KMASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQDIEELGKQYRQRGLYLFAGPVGSGKTTLMHELAKSLFKGQQVMSIEDP   167
NTDB id 270 KZH43 RS09265 WP 000249564.1     .KIASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQDIEELGKQYRQRGLYLFAGPVGSGKTTLMHELSKSLFKGQQVMSIEDP   167
NTDB id 229 SPD RS09895 WP 000249564.1       .KIASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQDIEELGKQYRQRGLYLFAGPVGSGKTTLMHELSKSLFKGQQVMSIEDP   167
NTDB id 195 SPR RS09430 WP 000249564.1       .KIASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQDIEELGKQYRQRGLYLFAGPVGSGKTTLMHELSKSLFKGQQVMSIEDP   167
NTDB id 160 SP RS10380 WP 000249564.1        .KIASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQDIEELGKQYRQRGLYLFAGPVGSGKTTLMHELSKSLFKGQQVMSIEDP   167
consensus                                     *****!!!*!!***! !!!!!!!!!******!**!!***********  !!!!!!*!!!!!!!!*!!**!  *  ****!***!!*!

logo
NTDB id 586 KW2 RS10855 WP 011836048.1       VELIDSDFIQLQVNDVIGNSYDELIKLSLRHRPDLLIVGEIRDQQTARAVLRASLTGYTVFSTIHAASVKGVVQRLLELGLSDWE   251
NTDB id 20011 SDD27957 00725 EFY01839.1      VEIKNHQALQLQVNDSIGMTYDNLIKLSLRHRPDILIIGEIRDSQTARAVIRASLTGALVFSTVHAKSISGVYARLLELGVTRAE   253
NTDB id 584 DLJ51 RS00890 WP 019777327.1     VEIKQDNMLQLQLNPSIGMTYDHLIKLSLRHRPDVLIIGEIRDRETAQAVIRASLTGIRVFSTVHAKSIPGVYARILELGVSQDE   255
NTDB id 394 FSA28 RS09405 WP 002291652.1     VEIKQDNMLQLQLNESIDMTYDNLIKLSLRHRPDILIIGEIRDKETARAVIRASLTGAMVFSTIHAKSIPGVYARMLELGTSSEE   253
NTDB id 385 SMU RS09035 WP 002263435.1       VEIKQDNMLQLQLNESIDMTYDNLIKLSLRHRPDILIIGEIRDKETARAVIRASLTGAMVFSTIHAKSIPGVYARMLELGTSSEE   253
NTDB id 429 SGO RS09420 WP 012130942.1       VEIKQEDMLQLQLNETIGLTYESLIKLSLRHRPDLLIIGEIRDSETARAVVRASLTGATVFSTIHAKSIPGVYERLLELGVSEEE   252
NTDB id 500 SM12261 RS00945 WP 000249545.1   VEIKQDNMLQLQLNEAIGLTYENLIKLSLRHRPDLLIIGEIRDSETARAVVRASLTGATVFSTIHAKSIRGVYERLLELGVSEEE   252
NTDB id 270 KZH43 RS09265 WP 000249564.1     VEIKQDDMLQLQLNEAIGLTYENLIKLSLRHRPDLLIIGEIRDSETARAVVRASLTGATVFSTIHAKSIRGVYERLLELGVSEEE   252
NTDB id 229 SPD RS09895 WP 000249564.1       VEIKQDDMLQLQLNEAIGLTYENLIKLSLRHRPDLLIIGEIRDSETARAVVRASLTGATVFSTIHAKSIRGVYERLLELGVSEEE   252
NTDB id 195 SPR RS09430 WP 000249564.1       VEIKQDDMLQLQLNEAIGLTYENLIKLSLRHRPDLLIIGEIRDSETARAVVRASLTGATVFSTIHAKSIRGVYERLLELGVSEEE   252
NTDB id 160 SP RS10380 WP 000249564.1        VEIKQDDMLQLQLNEAIGLTYENLIKLSLRHRPDLLIIGEIRDSETARAVVRASLTGATVFSTIHAKSIRGVYERLLELGVSEEE   252
consensus                                    !!*******!!!*!* !***!**!!!!!!!!!!!!*!!*!!!!!**!!*!!*!!!!!!**!!!!*!!*!**!!**!*!!!!****!
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logo
NTDB id 586 KW2 RS10855 WP 011836048.1        LKNGLEAVVYQRLIAGKGVLDIAKSKFDTWSPKKWNEKIENLYANGHLTAIEAEREKISINQASKIDTTDGESFE   326
NTDB id 20011 SDD27957 00725 EFY01839.1       LDNCLAFVAYQRLLNGGALIDSTQTEFEHYSPNQWNQQIDDLLAAGHLSPKQARIEKIIQ...............   313
NTDB id 584 DLJ51 RS00890 WP 019777327.1      LDNCLAGIAYQRLIGGGGLIDFAQDHFQNHQAECWNEKIDQLLAAGHLTEEEAAAEKIKD...............   315
NTDB id 394 FSA28 RS09405 WP 002291652.1      LQNALCGIVYQRLIGGGGIIDFAKGDYQNHSAKKWNKQIYDLFTAGYITEGEAQAEEIED...............   313
NTDB id 385 SMU RS09035 WP 002263435.1        LQNALRGIVYQRLIGGGGIIDFAKGDYQNHSAKKWNKQIYDLFTAGYITEGEAQAEEIED...............   313
NTDB id 429 SGO RS09420 WP 012130942.1        LKIVLQGICYQRLIGGGGVIDFASDNYQEHEPTVWNQQIDQLLAAGHIHPEQAEAEKIRNQQAKTSY........   319
NTDB id 500 SM12261 RS00945 WP 000249545.1    LAVVLQGVCYQRLIGGGGIVDFANKDYQEHQSTSWNAQIDQLLKDGHITSLQAETEKISYS...............   313
NTDB id 270 KZH43 RS09265 WP 000249564.1      LAVVLQGVCYQRLIGGGGIVDFASRDYQEHQAAKWNEQIDQLLKDGHITSLQAETEKISYS...............   313
NTDB id 229 SPD RS09895 WP 000249564.1        LAVVLQGVCYQRLIGGGGIVDFASRDYQEHQAAKWNEQIDQLLKDGHITSLQAETEKISYS...............   313
NTDB id 195 SPR RS09430 WP 000249564.1        LAVVLQGVCYQRLIGGGGIVDFASRDYQEHQAAKWNEQIDQLLKDGHITSLQAETEKISYS...............   313
NTDB id 160 SP RS10380 WP 000249564.1         LAVVLQGVCYQRLIGGGGIVDFASRDYQEHQAAKWNEQIDQLLKDGHITSLQAETEKISYS...............   313
consensus                                     ! **!****!!!!**!****!**  ******* *!!**!**!*  !*** **!* !*!*
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X non conserved

X similar

X $\geq$ 50% conserved