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logo
NTDB id 584 DLJ51 RS00890 WP 019777327.1     MVEVQELGKELIRQAVEEQAQDIYLLPKPAVYKIYLRFGEKRHLIQTCPPEQAAGLISHFKFLAGMNVGEKRRAQLGACDYAFAD   85
NTDB id 385 SMU RS09035 WP 002263435.1       ..MVQKLGRKIIAEAVQNKAQDIYIIPKKESYELYMRIGNERRFIDVYDHHFMANLISHFKFVAGMNVGEKRRSQLGSCDYSYDE   83
NTDB id 394 FSA28 RS09405 WP 002291652.1     ..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
NTDB id 42078 LCGT RS00725 WP 014024175.1  ..MIQVLAKTLLQKAVDQMVHDLYFVALEGKYSLYFRTATERRFERELDLEQGQALIAHMKFLSGMNLGESRRVQLGACTYVLDK   83
NTDB id 586 KW2 RS10855 WP 011836048.1      ..MVQKKAQELIQKAIEMEASDIYLIASGNLYKIYIRQQLGRTLIEEVNQEIGLALLTHFKFLAGMNTGERRRVQLGACWYELEG   83
consensus                                    **!******** !*   **!*!**** * !****!****!  * *****  *****!*!!**!!!*!!*!!*!!!*!*! **

logo
NTDB id 584 DLJ51 RS00890 WP 019777327.1     GETAALRLSTVGDYQGRESLVIRLLFDRKRELKFWFDGLNALLPKIIGRGLYLFSGPVGSGKTTLMYELVSRKYPDSQIITIEDP   170
NTDB id 385 SMU RS09035 WP 002263435.1       GKVISLRLSSVGDYRGYESLVIRLLFSGRHDLKFWFNSMDLILNEIKGRGLYLFSGPVGSGKTSLMYQLVKLRFETKQVITIEDP   168
NTDB id 394 FSA28 RS09405 WP 002291652.1     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
NTDB id 42078 LCGT RS00725 WP 014024175.1  .GEQRLRLSTVGNFHGQESLVIRLLHHQQNQLHFWNSEI..FKSFIGGRGLYLFSGPVGSGKTSLMYKFAREHFKNQQVICIEDP   165
NTDB id 586 KW2 RS10855 WP 011836048.1      SSAKRLRLSTVGDFEGNESLVIRLLHDQKQELEFWFDDK..LQDFRCKRGLYLFAGPVGSGKTSLMFDLAHRHFSNAQVITIEEP   166
consensus                                   *****!!!*!!***! !!!!!!!!******!*!!*******   ** !!!!!!*!!!!!!!!*!!*** *  ****!***!!*!

logo
NTDB id 584 DLJ51 RS00890 WP 019777327.1     VEIKQDNMLQLQLNPSIGMTYDHLIKLSLRHRPDVLIIGEIRDRETAQAVIRASLTGIRVFSTVHAKSIPGVYARILELGVSQDE   255
NTDB id 385 SMU RS09035 WP 002263435.1       VEIKQDNMLQLQLNESIDMTYDNLIKLSLRHRPDILIIGEIRDKETARAVIRASLTGAMVFSTIHAKSIPGVYARMLELGTSSEE   253
NTDB id 394 FSA28 RS09405 WP 002291652.1     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
NTDB id 42078 LCGT RS00725 WP 014024175.1  VELVETEFLQLQVNKVIGNDYDALIKLSLRHRPDLLIVGEIRDSQTAKAVLRASLTGYTVFSTVHARSISGVISRLKELGLTDWE   250
NTDB id 586 KW2 RS10855 WP 011836048.1      VELIDSDFIQLQVNDVIGNSYDELIKLSLRHRPDLLIVGEIRDQQTARAVLRASLTGYTVFSTIHAASVKGVVQRLLELGLSDWE   251
consensus                                   !!*******!!!*!* !***!**!!!!!!!!!!!!*!!*!!!!!**!!*!!*!!!!!!**!!!!*!!*!**!!**!**!!!****!
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logo
NTDB id 584 DLJ51 RS00890 WP 019777327.1      LDNCLAGIAYQRLIGGGGLIDFAQDHFQNHQAECWNEKIDQLLAAGHLTEEEAAAEKIKD...............  315
NTDB id 385 SMU RS09035 WP 002263435.1        LQNALRGIVYQRLIGGGGIIDFAKGDYQNHSAKKWNKQIYDLFTAGYITEGEAQAEEIED...............  313
NTDB id 394 FSA28 RS09405 WP 002291652.1      LQNALCGIVYQRLIGGGGIIDFAKGDYQNHSAKKWNKQIYDLFTAGYITEGEAQAEEIED...............  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
NTDB id 42078 LCGT RS00725 WP 014024175.1     LQSSLQRVIYQRLIAGKGLLVYEKEKFEEWQPDEWNGQIDQLVADGFISAVTAAHEKIEFSEAD...........  314
NTDB id 586 KW2 RS10855 WP 011836048.1        LKNGLEAVVYQRLIAGKGVLDIAKSKFDTWSPKKWNEKIENLYANGHLTAIEAEREKISINQASKIDTTDGESFE  326
consensus                                     ! **!****!!!!!*!*!*****  ******* *!!**!**!* *!*** **!* !*!***
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X non conserved

X similar

X $\geq$ 50% conserved