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NTDB id 56977 Llc71 RS12250 WP 248536775.1  ..MVQKKAQELIQKAIEMVASDIYLIASGNLYKIYIRQQLGRTLIEEVNQEIGLALFTHFKFLAGMNTGERRRVQLGACWYELEG  83
NTDB id 586 KW2 RS10855 WP 011836048.1     ..MVQKKAQELIQKAIEMEASDIYLIASGNLYKIYIRQQLGRTLIEEVNQEIGLALLTHFKFLAGMNTGERRRVQLGACWYELEG  83
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 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 500 SM12261 RS00945 WP 000249545.1 ..MVQEIAQEIIRSARKKGAQDIYFVPKLDAYELHMRVGDERCKIGCYDFEKFAAVISHFKFVAGMNVGEKRRSQLGSCDYEYDQ  83
consensus                                    *!!*********  !*    **!!!****  *  !****!****!   !  *****   *****!!!!*!!!!*!!*!!*!!!*!*!  **
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NTDB id 56977 Llc71 RS12250 WP 248536775.1  SSTKRLRLSTVGDFEGNESLVIRLLHDQKQELEFWFDDK..LQDFRCKRGLYLFAGPVGSGKTSLMFDLAHRHFSNAQVITIEEP  166
NTDB id 586 KW2 RS10855 WP 011836048.1     SSAKRLRLSTVGDFEGNESLVIRLLHDQKQELEFWFDDK..LQDFRCKRGLYLFAGPVGSGKTSLMFDLAHRHFSNAQVITIEEP  166
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 270 KZH43 RS09265 WP 000249564.1   .KIASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQDIELGKQYRQRGLYLFAGPVGSGKTTLMHELSKSLFKGQQVMSIEDP  167
NTDB id 229 SPD RS09895 WP 000249564.1     .KIASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQDIELGKQYRQRGLYLFAGPVGSGKTTLMHELSKSLFKGQQVMSIEDP  167
NTDB id 195 SPR RS09430 WP 000249564.1     .KIASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQDIELGKQYRQRGLYLFAGPVGSGKTTLMHELSKSLFKGQQVMSIEDP  167
NTDB id 160 SP RS10380 WP 000249564.1      .KIASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQDIELGKQYRQRGLYLFAGPVGSGKTTLMHELSKSLFKGQQVMSIEDP  167
NTDB id 500 SM12261 RS00945 WP 000249545.1 .KMASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQDIELGKQYRQRGLYLFAGPVGSGKTTLMHELAKSLFKGQQVMSIEDP  167
consensus                                   *****!!!*!!!**!  !!!!!!!!!*******!  !!!******    **  !!!!!!*!!!!!!!!*!!**!  *  ****!***!!*!
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NTDB id 56977 Llc71 RS12250 WP 248536775.1  VELIDSDFIQLQVNDVIGNSYDELIKLSLRHRPDLLIVGEIRDQQTARAVLRASLTGYTVFSTIHAASVKGVVQRLLELGLSDWE  251
NTDB id 586 KW2 RS10855 WP 011836048.1     VELIDSDFIQLQVNDVIGNSYDELIKLSLRHRPDLLIVGEIRDQQTARAVLRASLTGYTVFSTIHAASVKGVVQRLLELGLSDWE  251
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 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 500 SM12261 RS00945 WP 000249545.1 VEIKQDNMLQLQLNEAIGLTYENLIKLSLRHRPDLLIIGEIRDSETARAVVRASLTGATVFSTIHAKSIRGVYERLLELGVSEEE  252
consensus                                  !!********!!!*!* !***!**!!!!!!!!!!!*!!*!!!!!**!!*!!*!!!!!!**!!!!*!!*!**!!**!*!!!!*!**!
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NTDB id 56977 Llc71 RS12250 WP 248536775.1 LKNGLEAVVYQRLIAGKGVLDIAKSKFDTWSPKKWNEKIENLYANGHLTAIEAEREKISINQASKIDTTDGESFE 326
NTDB id 586 KW2 RS10855 WP 011836048.1 LKNGLEAVVYQRLIAGKGVLDIAKSKFDTWSPKKWNEKIENLYANGHLTAIEAEREKISINQASKIDTTDGESFE 326
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 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 500 SM12261 RS00945 WP 000249545.1 LAVVLQGVCYQRLIGGGGIVDFANKDYQEHQSTSWNAQIDQLLKDGHITSLQAETEKISYS..... 313
consensus
non conserved
similar
≥ 50% conserved