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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 586 KW2 RS10855 WP 011836048.1                  ..MVQKKAQELIQKAIEMEASDIYLLIASGNLYKIYIRQQLGRTLIEEVNQEIGLALLTHFKFLAGMNTGERRRVQ    73
NTDB id 1111718 HMPREF9425 RS00675 WP 003095883.1       ..MITEFAKEIIKNADSCGAQDIYVIPRQDNYELYMRVGQERRLIDVYRPDFMASLIGHFKFVAGMMVGEKRRSQ    73
NTDB id 584 DLJ51 RS00890 WP 019777327.1                MVEVQELGKELIRQAVEEQAQDIYLLPKPAVYKIYLRFGEKRHLIQTCPPEQAAGLISHFKFLAGMNVGEKRRAQ    75
NTDB id 385 SMU RS09035 WP 002263435.1                  ..MVQKLGRKIIAEAVQNKAQDIYIIPKKESYELYMRIGNERRFIDVYDHHFMANLISHFKFVAGMNVGEKRRSQ    73
NTDB id 394 FSA28 RS09405 WP 002291652.1                ..MVQKLGRKIIAEAVQNKAQDIYIIPKKESYELYMRIGNERRFIDVYDHHFMANLISHFKFVAGMNVGEKRRSQ    73
NTDB id 429 SGO RS09420 WP 012130942.1                  ..MVQKIAQAIVRQAKEECAQDIYFVPKDDCYELYMRIGDERRFIQTYDFDQLAAVISHFKFLAGMNVGEKRRSQ    73
NTDB id 500 SM12261 RS00945 WP 000249545.1              ..MVQEIAQEIIRSARKKGAQDIYFVPKLDAYELHMRVGDERCKIGCYDFEKFAAVISHFKFVAGMNVGEKRRSQ    73
NTDB id 270 KZH43 RS09265 WP 000249564.1                ..MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFAAVISHFKFVAGMNVGEKRRSQ    73
NTDB id 229 SPD RS09895 WP 000249564.1                  ..MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFAAVISHFKFVAGMNVGEKRRSQ    73
NTDB id 195 SPR RS09430 WP 000249564.1                  ..MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFAAVISHFKFVAGMNVGEKRRSQ    73
NTDB id 160 SP RS10380 WP 000249564.1                   ..MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFAAVISHFKFVAGMNVGEKRRSQ    73
consensus                                                 ********** !*  ***!!!**** * !****!****!  ! *****  *****!!!!*!!!**!!*!!*!
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 586 KW2 RS10855 WP 011836048.1                  LGACWYELEGSSAKRLRLSTVGDFEGNESLVIRLLHDQKQELEFWFDDK..LQDFRCKRGLYLFAGPVGSGKTSL   146
NTDB id 1111718 HMPREF9425 RS00675 WP 003095883.1       LGSCDYDCGDGHLVSLRLSTVGDYRGLESLVIRVLHSERRELTYWNQGIQPIKDALDYRGLYLFAGPVGSGKTTL   148
NTDB id 584 DLJ51 RS00890 WP 019777327.1                LGACDYAFADGETAALRLSTVGDYQGRESLVIRLLFDRKRELKFWFDGLNALLPKIIGRGLYLFSGPVGSGKTTL   150
NTDB id 385 SMU RS09035 WP 002263435.1                  LGSCDYSYDEGKVISLRLSSVGDYRGYESLVIRLLFSGRHDLKFWFNSMDLIILNEIKGRGLYLFSGPVGSGKTSL   148
NTDB id 394 FSA28 RS09405 WP 002291652.1                LGSCDYSYDEGKVISLRLSSVGDYRGYESLVIRLLFSGRHDLKFWFNSMDLIILNEIKGRGLYLFSGPVGSGKTSL   148
NTDB id 429 SGO RS09420 WP 012130942.1                  LGSCDYRYDD.KETSIRLSTVGDYRGYESLVIRLLHDEETELKFWFTHFPELREKFKDRGLYLFSGPVGSGKTTL   147
NTDB id 500 SM12261 RS00945 WP 000249545.1              LGSCDYEYDQ.KMASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQDIEELGKQYRQRGLYLFAGPVGSGKTTL   147
NTDB id 270 KZH43 RS09265 WP 000249564.1                LGSCDYAYDH.KIASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQDIEELGKQYRQRGLYLFAGPVGSGKTTL   147
NTDB id 229 SPD RS09895 WP 000249564.1                  LGSCDYAYDH.KIASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQDIEELGKQYRQRGLYLFAGPVGSGKTTL   147
NTDB id 195 SPR RS09430 WP 000249564.1                  LGSCDYAYDH.KIASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQDIEELGKQYRQRGLYLFAGPVGSGKTTL   147
NTDB id 160 SP RS10380 WP 000249564.1                   LGSCDYAYDH.KIASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQDIEELGKQYRQRGLYLFAGPVGSGKTTL   147
consensus                                               !!*!*! **  *****!!!*!!!**! !!!!!!*!******! *!*******   ** !!!!!!*!!!!!!!!*!
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 586 KW2 RS10855 WP 011836048.1                  MFDLAHRHFSNAQVITIEEPVELIDSDFIQLQVNDVIGNSYDELIKLSLRHRPDLLIVGEIRDQQTARAVLRASL   221
NTDB id 1111718 HMPREF9425 RS00675 WP 003095883.1       MHELVQERFKGQQVISIEDPVEIKQDNVLQLQVNQAIDMTYDNLIKLSLRHRPDVLIIGEIRDKETARAVIRASL   223
NTDB id 584 DLJ51 RS00890 WP 019777327.1                MYELVSRKYPDSQIITIEDPVEIKQDNMLQLQLNPSIGMTYDHLIKLSLRHRPDVLIIGEIRDRETAQAVIRASL   225
NTDB id 385 SMU RS09035 WP 002263435.1                  MYQLVKLRFETKQVITIEDPVEIKQDNMLQLQLNESIDMTYDNLIKLSLRHRPDILIIGEIRDKETARAVIRASL   223
NTDB id 394 FSA28 RS09405 WP 002291652.1                MYQLVKLRFETKQVITIEDPVEIKQDNMLQLQLNESIDMTYDNLIKLSLRHRPDILIIGEIRDKETARAVIRASL   223
NTDB id 429 SGO RS09420 WP 012130942.1                  MHQLAQLKFKGQQVMSIEDPVEIKQEDMLQLQLNETIGLTYESLIKLSLRHRPDLLIIGEIRDSETARAVVRASL   222
NTDB id 500 SM12261 RS00945 WP 000249545.1              MHELAKSLFKGQQVMSIEDPVEIKQDNMLQLQLNEAIGLTYENLIKLSLRHRPDLLIIGEIRDSETARAVVRASL   222
NTDB id 270 KZH43 RS09265 WP 000249564.1                MHELSKSLFKGQQVMSIEDPVEIKQDDMLQLQLNEAIGLTYENLIKLSLRHRPDLLIIGEIRDSETARAVVRASL   222
NTDB id 229 SPD RS09895 WP 000249564.1                  MHELSKSLFKGQQVMSIEDPVEIKQDDMLQLQLNEAIGLTYENLIKLSLRHRPDLLIIGEIRDSETARAVVRASL   222
NTDB id 195 SPR RS09430 WP 000249564.1                  MHELSKSLFKGQQVMSIEDPVEIKQDDMLQLQLNEAIGLTYENLIKLSLRHRPDLLIIGEIRDSETARAVVRASL   222
NTDB id 160 SP RS10380 WP 000249564.1                   MHELSKSLFKGQQVMSIEDPVEIKQDDMLQLQLNEAIGLTYENLIKLSLRHRPDLLIIGEIRDSETARAVVRASL   222
consensus                                               !**! *  ****!***!!*!!!*******!!!*!**!***!**!!!!!!!!!!!*!!*!!!!!**!!*!!*!!!!
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logo
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NTDB id 586 KW2 RS10855 WP 011836048.1              TGYTVFSTIHAASVKGVVQRLLELGLSDWELKNGLEAVVYQRLIAGKGVLDIAKSKFDTWSPKKWNEKIENLYAN   296
NTDB id 1111718 HMPREF9425 RS00675 WP 003095883.1   TGVTVLSTIHAKSVAGVYERLLDLGVDKSELDNALQGIAYMRLIKGGGAIDFACENFQSHSSASWNQQLEGLVKQ   298
NTDB id 584 DLJ51 RS00890 WP 019777327.1            TGIRVFSTVHAKSIPGVYARILELGVSQDELDNCLAGIAYQRLIGGGGLIDFAQDHFQNHQAECWNEKIDQLLAA   300
NTDB id 385 SMU RS09035 WP 002263435.1              TGAMVFSTIHAKSIPGVYARMLELGTSSEELQNALRGIVYQRLIGGGGIIDFAKGDYQNHSAKKWNKQIYDLFTA   298
NTDB id 394 FSA28 RS09405 WP 002291652.1            TGAMVFSTIHAKSIPGVYARMLELGTSSEELQNALCGIVYQRLIGGGGIIDFAKGDYQNHSAKKWNKQIYDLFTA   298
NTDB id 429 SGO RS09420 WP 012130942.1              TGATVFSTIHAKSIPGVYERLLELGVSEEELKIVLQGICYQRLIGGGGVIDFASDNYQEHEPTVWNQQIDQLLAA   297
NTDB id 500 SM12261 RS00945 WP 000249545.1          TGATVFSTIHAKSIRGVYERLLELGVSEEELAVVLQGVCYQRLIGGGGIVDFANKDYQEHQSTSWNAQIDQLLKD   297
NTDB id 270 KZH43 RS09265 WP 000249564.1            TGATVFSTIHAKSIRGVYERLLELGVSEEELAVVLQGVCYQRLIGGGGIVDFASRDYQEHQAAKWNEQIDQLLKD   297
NTDB id 229 SPD RS09895 WP 000249564.1              TGATVFSTIHAKSIRGVYERLLELGVSEEELAVVLQGVCYQRLIGGGGIVDFASRDYQEHQAAKWNEQIDQLLKD   297
NTDB id 195 SPR RS09430 WP 000249564.1              TGATVFSTIHAKSIRGVYERLLELGVSEEELAVVLQGVCYQRLIGGGGIVDFASRDYQEHQAAKWNEQIDQLLKD   297
NTDB id 160 SP RS10380 WP 000249564.1               TGATVFSTIHAKSIRGVYERLLELGVSEEELAVVLQGVCYQRLIGGGGIVDFASRDYQEHQAAKWNEQIDQLLKD   297
consensus                                           !!**!*!!*!!*!**!!**!*!*!!****!! **!****!*!!!*!*!**!*!  ******* *!!*****!**
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logo
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NTDB id 586 KW2 RS10855 WP 011836048.1              GHLTAIEAEREKISINQASKIDTTDGESFE   326
NTDB id 1111718 HMPREF9425 RS00675 WP 003095883.1   GYLTEGDIQGEKIKD...............   313
NTDB id 584 DLJ51 RS00890 WP 019777327.1            GHLTEEEAAAEKIKD...............   315
NTDB id 385 SMU RS09035 WP 002263435.1              GYITEGEAQAEEIED...............   313
NTDB id 394 FSA28 RS09405 WP 002291652.1            GYITEGEAQAEEIED...............   313
NTDB id 429 SGO RS09420 WP 012130942.1              GHIHPEQAEAEKIRNQQAKTSY........   319
NTDB id 500 SM12261 RS00945 WP 000249545.1          GHITSLQAETEKISYS..............   313
NTDB id 270 KZH43 RS09265 WP 000249564.1            GHITSLQAETEKISYS..............   313
NTDB id 229 SPD RS09895 WP 000249564.1              GHITSLQAETEKISYS..............   313
NTDB id 195 SPR RS09430 WP 000249564.1              GHITSLQAETEKISYS..............   313
NTDB id 160 SP RS10380 WP 000249564.1               GHITSLQAETEKISYS..............   313
consensus                                           !*** **** !*!*
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X non conserved
X similar
X $\geq$50% conserved