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logo

NTDB id 1475 Cj0275 YP 002343717.1          MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYL   80
NTDB id 1137704 DQM73 RS05505 WP 002924853.1 ..MPTSRNDDMMVFCSFCGKNQDEVQKIIAG..NNAFICNECVELAQEIIREELAEEVLA.....DLSEVPKPQELLNIL   71
NTDB id 379 SMU RS04375 WP 002262816.1      ..MAGNRTNDVTVHCSFCGKNQDEVKKIIAG..NGVFICNECVELSQEIIREELAEEVLA.....DLSEVPKPKELLAIL   71
consensus                                     * * *  ** * !!!!********!*!*  * *!!!**!!!****!**!**!****     *******!*!!***!

logo

NTDB id 1475 Cj0275 YP 002343717.1          DRYVIGQDRAKKVFSVGVYNHYKRLFKAE.LQDDDTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAICDATSLTEAG   159
NTDB id 1137704 DQM73 RS05505 WP 002924853.1 NHYVIGQDRAKRALAVAVYNHYKRINYHDSREEEDVELQKSNILMIGPTGSGKTFLAQTLARSLNVPFAIADATALTEAG   151
NTDB id 379 SMU RS04375 WP 002262816.1      DSYVIGQDRAKRALAVAVYNHYKRISFTESQDDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAG   151
consensus                                   * !!!!!!!!!****!*!!!!!!!* * ** ***!**!*!!!!!**!!!!!!!!*!!!!!**!*!!*!!*!!!*!!!!!

logo

NTDB id 1475 Cj0275 YP 002343717.1          YVGEDVENILTRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHPN   239
NTDB id 1137704 DQM73 RS05505 WP 002924853.1 YVGEDVENILLKLLQAADFNIERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQ   231
NTDB id 379 SMU RS04375 WP 002262816.1      YVGEDVENILLKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQ   231
consensus                                   !!!!!!!!!!**!*!!!!*****!!**!!***!!!!!!***!!*!!!!!!!!!!!!!!!!!!!!!*****!!*!!!!!!*

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NTDB id 1475 Cj0275 YP 002343717.1          QEFIQIDTSNILFVCGGAFDGLETILKRKLGDKVVGFFDDAK..EENKALLEKIEPDDLVHFGLIPELIGRLHVIASLNE   317
NTDB id 1137704 DQM73 RS05505 WP 002924853.1 QEMIQVDTKNILFIVGGAFDGIEEIVKQRLGEKIIGFGQNNRAIDEDGSYMQEIISEDVQKFGIIPELIGRLPVFAALEQ   311
NTDB id 379 SMU RS04375 WP 002262816.1      QEMIQIDTKNILFIVGGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQ   311
consensus                                   !!*!!*!!*!!!!**!!!!!!*!*!*!**!!*!**!!***** ****  *****!***!***!!*!!!*!!!!*!*!*!**

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NTDB id 1475 Cj0275 YP 002343717.1          LNEEDMVRILTEPKNAIIKQYQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDIV   397
NTDB id 1137704 DQM73 RS05505 WP 002924853.1 LTVDDLVRILKEPRNALIKQYQALLSYDDVKLEFDEEALQEIANKAIERKTGARGLRSIIEETMMDVMFEVPSQENVKLV   391
NTDB id 379 SMU RS04375 WP 002262816.1      LTVDDLVKILTEPKNALVKQYQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCV   391
consensus                                   !***!*!*!!*!!*!!**!!!! !***!*! !*!***!!**!!**!*!!!!!!!!!!!!!!!!*!*!*!!!*!***** *!

logo

NTDB id 1475 Cj0275 YP 002343717.1          I.TKEVVKDNAKALLIKRKIS   417
NTDB id 1137704 DQM73 RS05505 WP 002924853.1 RITKEAVDGTDKPILETA...   409
NTDB id 379 SMU RS04375 WP 002262816.1      RITKKAVEGTDKPILETAS..   410
consensus                                   **!!**!****!**!***
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X non conserved

X similar

X ≥50% conserved