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logo
NTDB id 1475 Cj0275 YP 002343717.1          MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYLDRYVI   85
NTDB id 61467 SCRE RS05005 WP 006267807.1   ..MPTNRTSEMMVYCSFCGKSQEEVQKIIAG..NNAFICNECVELAQEIIREELAEEVLA.....DLSEVPKPQELLNILNHYVI   76
NTDB id 379 SMU RS04375 WP 002262816.1      ..MAGNRTNDVTVHCSFCGKNQDEVKKIIAG..NGVFICNECVELSQEIIREELAEEVLA.....DLSEVPKPKELLAILDSYVI   76
consensus                                     * **** ** * !!!!** ******!*!*  * *!!!**!!!****!!**!**!****     *******!*!!***!* !!!

logo
NTDB id 1475 Cj0275 YP 002343717.1          GQDRAKKVFSVGVYNHYKRLFKAELQ..DDDTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAICDATSLTEAGYVGEDVENI  168
NTDB id 61467 SCRE RS05005 WP 006267807.1   GQDRAKRALAVAVYNHYKRINFHDNREEEDDVELQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAGYVGEDVENI  161
NTDB id 379 SMU RS04375 WP 002262816.1      GQDRAKRALAVAVYNHYKRISFTESQD.DQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAGYVGEDVENI  160
consensus                                   !!!!!!****!*!!!!!!!* * * ** **!**!*!!!!!**!!!!!!!!*!!!!!!*!*!!*!!*!!!*!!!!!!!!!!!!!!

logo
NTDB id 1475 Cj0275 YP 002343717.1          LTRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHPNQEFIQIDTSNILFV  253
NTDB id 61467 SCRE RS05005 WP 006267807.1   LLKLLQAADFNIERAERGIIYVDEIDKIAKKSENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQQEMIQVDTKNILFI  246
NTDB id 379 SMU RS04375 WP 002262816.1      LLKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQQEMIQIDTKNILFI  245
consensus                                   !**!*!!!!*****!!**!!***!!!!!!!***!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*

logo
NTDB id 1475 Cj0275 YP 002343717.1          CGGAFDGLETILKRKLGDKVVGFFDDAK..EENKALLEKIEPDDLVHFGLIPELIGRLHVIASLNELNEEDMVRILTEPKNAIIK  336
NTDB id 61467 SCRE RS05005 WP 006267807.1   VGGAFDGIEEIVKQRLGEKIIGFGQNNKAIDENSSYMQEIISEDIQKFGLIPELIGRLPVFAALEPLTVEDLVRILREPKNALVK  331
NTDB id 379 SMU RS04375 WP 002262816.1      VGGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQLTVDDLVKILTEPKNALVK  330
consensus                                   *!!!!!!*!*!*!**!!*!**!!****!  **********!***!***!!!!!!*!!!!*!*!*!*  !***!*!*!!*!!!!!**!

logo
NTDB id 1475 Cj0275 YP 002343717.1          QYQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDIVI.TKEVVKDNAKALLIKRKIS  417
NTDB id 61467 SCRE RS05005 WP 006267807.1   QYQTLLSYDDVTLEFDDDALQEIANKAIEHKTGARGLRSIIEETMMDVMFEVPSQENVKLVRITKEAVDGTDKPILETA...  410
NTDB id 379 SMU RS04375 WP 002262816.1      QYQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCVRITKKAVEGTDKPILETAS..  410
consensus                                   !!!*!***!*!  !*!***!!**!!**!*!*!!!!!!!!!!!!!!*!*!*!!!*!*****  *!**!!**!****!**!***
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X non conserved

X similar

X ≥ 50% conserved