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logo
NTDB id 1475 Cj0275 YP 002343717.1      MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYLDRYVI   85
NTDB id 20204 SPG 1495 ACF55845.1       ..MSTNRKNDMMVYCSFCGKNQEEVQKIIAG..NNAFICNECVELAQEIIREELVEEVLA.....DLSEVPKPIELLHILNHYVI   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 20204 SPG 1495 ACF55845.1       GQDRAKRALAVAVYNHYKRINFHDTREESEDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAGYVGEDVENI  161
NTDB id 379 SMU RS04375 WP 002262816.1  GQDRAKRALAVAVYNHYKRISFTESQ.DDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAGYVGEDVENI  160
consensus                               !!!!!!****!*!!!!!!!* * *** ***!**!*!!!!!**!!!!!!!!*!!!!!!!*!*!!*!!*!!!*!!!!!!!!!!!!!!!

logo
NTDB id 1475 Cj0275 YP 002343717.1      LTRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHPNQEFIQIDTSNILFV  253
NTDB id 20204 SPG 1495 ACF55845.1       LLKLLQVADFNIERAERGIIYVDEIDKIAKKSENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQQEMIQVDTKNILFI  246
NTDB id 379 SMU RS04375 WP 002262816.1  LLKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQQEMIQIDTKNILFI  245
consensus                               !**!*!*!!*****!**!!***!!!!!!***!!*!!!!!!!!!!!!!!!!!!!!!!!*****!!*!!!!!!*!!*!!*!!*!!!!*

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NTDB id 1475 Cj0275 YP 002343717.1      CGGAFDGLETILKRKLGDKVVGFFDDAK..EENKALLEKIEPDDLVHFGLIPELIGRLHVIASLNELNEEDMVRILTEPKNAIIK  336
NTDB id 20204 SPG 1495 ACF55845.1       VGGAFDGIEEIVKQRMGEKVIGFGQNNKAIDENSSYMQEIIAEDIQKFGIIPELIGRLPVFAALEQLTVDDLVRILKEPRNALVK  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 20204 SPG 1495 ACF55845.1       QYQTLLSYDDVELEFDDEALQEIANKAIERKTGARGLRSIIEETMLDVMFEVPSQENVKLVRITKETVDGTDKPILETA...  410
NTDB id 379 SMU RS04375 WP 002262816.1  QYQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCVRITKKAVEGTDKPILETAS..  410
consensus                               !!!*!***!*!*!*!**!!**!!**!*!!!!!!!!!!!!!!!!*!*!*!!!*!***** *!**!!* !*****!**!***
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X non conserved

X similar

X $\geq$ 50% conserved