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logo

NTDB id 1475 Cj0275 YP 002343717.1          MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYLDRYVI   85
NTDB id 69070 STO1 RS06870 WP 096422561.1  ..MPTNRKNDMMVYCSFCGKSQEEVKKIIAG..NNAFICNECVELAQEIIREELAEEVLA.....DLSEVPKPIELLNILNHYVI   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 69070 STO1 RS06870 WP 096422561.1  GQDRAKRALAVAVYNHYKRINFHDTREESEDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAGYVGEDVENI  161
NTDB id 379 SMU RS04375 WP 002262816.1     GQDRAKRALAVAVYNHYKRISFTESQ.DDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAGYVGEDVENI  160
consensus                                  !!!!!!****!*!!!!!!!* * *** ***!**!*!!!!!**!!!!!!!!*!!!!!!*!*!!*!!*!!!*!!!!!!!!!!!!!!

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NTDB id 1475 Cj0275 YP 002343717.1          LTRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHPNQEFIQIDTSNILFV  253
NTDB id 69070 STO1 RS06870 WP 096422561.1  LLKLLQAADFNIERAERGIIYVDEIDKIAKKSENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQQEMIQVDTKNILFI  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 69070 STO1 RS06870 WP 096422561.1  VGGAFDGIEEIVKQRLGEKVIGFGQNNKAIDENSSYMQEIIAEDIQKFGIIPELIGRLPVFAALEQLTADDLVRILKEPRNALVK  331
NTDB id 379 SMU RS04375 WP 002262816.1     VGGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQLTVDDLVKILTEPKNALVK  330
consensus                                  *!!!!!!*!*!*!**!!*!**!!****!  **********!* *!***!!*!!!*!!!!*!*!*!**!* *!*!*!!*!!*!!**!

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NTDB id 1475 Cj0275 YP 002343717.1          QYQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDIVI.TKEVVKDNAKALLIKRKIS  417
NTDB id 69070 STO1 RS06870 WP 096422561.1  QYQTLLSYDDVELEFDDEALREIANKAIERKTGARGLRSIIEETMLDVMFEVPSQENVKLVRITKEAVDGTDKPILETA...  410
NTDB id 379 SMU RS04375 WP 002262816.1     QYQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCVRITKKAVEGTDKPILETAS..  410
consensus                                  !!!*!***!*!*!*!**!!**!!**!*!!!!!!!!!!!!!!!!*!*!*!!!*!***** *!**!!**!****!**!***
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X non conserved

X similar

X ≥ 50% conserved