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logo
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NTDB id 1475 Cj0275 YP 002343717.1          MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYLDRYVI   85
NTDB id 156103 RN86 RS08300 WP 008808666.1  ..MPTNRNEEMMVYCSFCGKNQDEVQKIIAG..NNAFICNECVELAQEIIREELAEEVLA.....DLSEVPKPQELLHILNHYVI   76
NTDB id 379 SMU RS04375 WP 002262816.1      ..MAGNRTNDVTVHCSFCGKNQDEVKKIIAG..NGVFICNECVELSQEIIREELAEEVLA.....DLSEVPKPKELLAILDSYVI   76
consensus                                     * ***  ** * !!!!*******!*!*  * *!!!**!!****!!**!**!****     *******!*!!***!* !!!
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logo
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NTDB id 1475 Cj0275 YP 002343717.1          GQDRAKKVFSVGVYNHYKRLFKA.ELQDDDTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAICDATSLTEAGYVGEDVENIL   169
NTDB id 156103 RN86 RS08300 WP 008808666.1  GQERAKRALAVAVYNHYKRINFHDSREEDDVELQKSNILMIGPTGSGKTFLAQTLARSLNVPFAIADATALTEAGYVGEDVENIL   161
NTDB id 379 SMU RS04375 WP 002262816.1      GQDRAKRALAVAVYNHYKRISFTESQDDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAGYVGEDVENIL   161
consensus                                   !!*!!!****!*!!!!!!!* * ** ***!**!*!!!!**!!!!!!!*!!!!!**!*!!*!!*!!!*!!!!!!!!!!!!!!!!
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NTDB id 1475 Cj0275 YP 002343717.1          TRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHPNQEFIQIDTSNILFVC   254
NTDB id 156103 RN86 RS08300 WP 008808666.1  LKLLQAADFNIERAERGIIYVDEIDKIAKKSENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQQEMIQVDTKNILFIV   246
NTDB id 379 SMU RS04375 WP 002262816.1      LKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQQEMIQIDTKNILFIV   246
consensus                                   **!*!!!!*****!!**!!***!!!!!!!***!!*!!!!!!!!!!!!!!!!!!!!!*****!!*!!!!!!*!!*!!*!*!!!**
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logo
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NTDB id 1475 Cj0275 YP 002343717.1          GGAFDGLETILKRKLGDKVVGFFDDAK..EENKALLEKIEPDDLVHFGLIPELIGRLHVIASLNELNEEDMVRILTEPKNAIIKQ   337
NTDB id 156103 RN86 RS08300 WP 008808666.1  GGAFDGIEEIVKQRLGEKIIGFGQNNKAIDENESYMQAIIAEDIQKFGIIPELIGRLPVFAALEQLTVDDLVRILREPKNALVKQ   331
NTDB id 379 SMU RS04375 WP 002262816.1      GGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQLTVDDLVKILTEPKNALVKQ   331
consensus                                   !!!!!!*!*!*!**!!*!**!!****! **** **** !* *!***!!*!!!*!!!!*!*!*!**!***!*!*!!*!!!!!**!!
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logo
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NTDB id 1475 Cj0275 YP 002343717.1          YQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDIVI.TKEVVKDNAKALLIKRKIS   417
NTDB id 156103 RN86 RS08300 WP 008808666.1  YQALLSYDDVKLEFDDDALQEIANKAIERKTGARGLRSIIEETMMDVMFEVPSKENVKLVRITKEAVDGTDKPILETA...   409
NTDB id 379 SMU RS04375 WP 002262816.1      YQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCVRITKKAVEGTDKPILETAS..   410
consensus                                   !! !***!*! !*!**!!**!!**!*!!!!!!!!!!!!!!!!*!*!*!!!*!* *** *!**!!**!****!**!***
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X non conserved
X similar
X ≥ 50% conserved