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logo
NTDB id 1475 Cj0275 YP 002343717.1        MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYLDRYVI   85
NTDB id 22470 GBS RS07275 WP 000918412.1  ..MAGNRNNDMNVYCSFCGKSQDEVKKIIAG..NGVFICNECVALSQEIIKEELAEEVL.....ADLAEVPKPKELLEILNQYVV   76
NTDB id 379 SMU RS04375 WP 002262816.1    ..MAGNRTNDVTVHCSFCGKNQDEVKKIIAG..NGVFICNECVELSQEIIREELAEEVL.....ADLSEVPKPKELLAILDSYVI   76
consensus                                   ***** *** * !!!!** ******!*!*  ***!!!**!!*****!!**!**!***     *** ****!!!!***!* !!*

logo
NTDB id 1475 Cj0275 YP 002343717.1        GQDRAKKVFSVGVYNHYKRLFKAELQ.DDDTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAICDATSLTEAGYVGEDVENIL   169
NTDB id 22470 GBS RS07275 WP 000918412.1  GQDRAKRALAVAVYNHYKRVSYTESSD.DDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATSLTEAGYVGEDVENIL   160
NTDB id 379 SMU RS04375 WP 002262816.1    GQDRAKRALAVAVYNHYKRISFTESQDDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAGYVGEDVENIL   161
consensus                                 !!!!!!****!*!!!!!!!****!*****!**!*!!!!!**!!!!!!!!*!!!!!!!*!*!!*!!*!!!*!!!!!!!!!!!!!!!!

logo
NTDB id 1475 Cj0275 YP 002343717.1        TRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHPNQEFIQIDTSNILFVC   254
NTDB id 22470 GBS RS07275 WP 000918412.1  LKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPNQEMIQINTKNILFIV   245
NTDB id 379 SMU RS04375 WP 002262816.1    LKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQQEMIQIDTKNILFIV   246
consensus                                 **!*!!!!**!*!!**!!***!!!!!!***!!*!!!!!!!!!!!!!!!!!!!!!*****!!*!!!!!!*!!*!!!*!*!!!!**

logo
NTDB id 1475 Cj0275 YP 002343717.1        GGAFDGLETILKRKLGDKVVGFFDDAK..EENKALLEKIEPDDLVHFGLIPELIGRLHVIASLNELNEEDMVRILTEPKNAIIKQ   337
NTDB id 22470 GBS RS07275 WP 000918412.1  GGAFDGIEDLVKQRLGEKIIGFGQTSRKIDDNASYMQEIISEDIQKFGLIPEFIGRLPVVAALELLTAEDLVRILTEPRNALVKQ   330
NTDB id 379 SMU RS04375 WP 002262816.1    GGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQLTVDDLVKILTEPKNALVKQ   331
consensus                                 !!!!!!*!***!**!!*!**!!**  ****** *****!***!***!!!!!!*!!!!*!*!*!* !* *!*!*!!!!!*!!**!!

logo
NTDB id 1475 Cj0275 YP 002343717.1        YQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDIVI.TKEVVKDNAKALLIKRKIS   417
NTDB id 22470 GBS RS07275 WP 000918412.1  YQTLLSYDGVELEFDQDALLAIADKAIERKTGARGLRSIIEETMLDIMFEIPSQEDVTKVRITKAAVEGTDKPVLETA...   408
NTDB id 379 SMU RS04375 WP 002262816.1    YQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCVRITKKAVEGTDKPILETAS..   410
consensus                                 !!*!***!!!*!*!***!! !!!**!*!!!!!!!!!!!!!!!!*!*!*!!!*!***!** !**!! *!****!**!***
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X non conserved

X similar

X ≥ 50% conserved