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logo
NTDB id 1475 Cj0275 YP 002343717.1          MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYLDRYVI   85
NTDB id 121063 DK41 RS06605 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 121063 DK41 RS06605 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 121063 DK41 RS06605 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 121063 DK41 RS06605 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 121063 DK41 RS06605 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 $\geq$ 50% conserved