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logo

NTDB id 1475 Cj0275 YP 002343717.1      MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYLDRYVI   85
NTDB id 20308 DN94 05790 AHX75185.1     ..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 20308 DN94 05790 AHX75185.1     GQDRAKRALAVAVYNHYKRVSYTESSD.DDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATSLTEAGYVGEDVENIL  160
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 20308 DN94 05790 AHX75185.1     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 20308 DN94 05790 AHX75185.1     GGAFDGIEDLVKQRLGEKVIGFGQTSRKIDDNASYMQEIISEDIQKFGLIPEFIGRLPVVVALELLTAEDLVRILTEPRNALVKQ  330
NTDB id 379 SMU RS04375 WP 002262816.1  GGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQLTVDDLVKILTEPKNALVKQ  331
consensus                               !!!!!!*!***!**!!*!**!!**  ******  *****!***!***!!!!!!*!!!!*!***!*  !*  *!*!*!!!!!*!!**!!

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NTDB id 1475 Cj0275 YP 002343717.1      YQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDIVI.TKEVVKDNAKALLIKRKIS  417
NTDB id 20308 DN94 05790 AHX75185.1     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