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logo
NTDB id 1475 Cj0275 YP 002343717.1      MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYLDRYVI   85
NTDB id 20146 Spy49 0700 ACI61015.1     ..MAGSRTNDIKVYCSFCGKSQDDVKKIIAG..NNVFICNECVALSQEIIKEELAEEVL.....ADLTEVPKPKELLDVLNQYVV   76
NTDB id 379 SMU RS04375 WP 002262816.1  ..MAGNRTNDVTVHCSFCGKNQDEVKKIIAG..NGVFICNECVELSQEIIREELAEEVL.....ADLSEVPKPKELLAILDSYVI   76
consensus                                 *** ****** * !!!!** ******!*!*  * *!!!**!!*****!!**!**!***     *********!!!!***!* !!*

logo
NTDB id 1475 Cj0275 YP 002343717.1      GQDRAKKVFSVGVYNHYKRLFKAEL.QDDDTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAICDATSLTEAGYVGEDVENIL  169
NTDB id 20146 Spy49 0700 ACI61015.1     GQDRAKRALSVAVYNHYKRVSFTESRDDDDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATSLTEAGYVGEDVENIL  161
NTDB id 379 SMU RS04375 WP 002262816.1  GQDRAKRALAVAVYNHYKRISFTESQDDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAGYVGEDVENIL  161
consensus                               !!!!!!****!*!!!!!!!*****!* *!*!**!*!!!!!**!!!!!!!*!!!!!!!*!*!!*!!*!!!*!!!!!!!!!!!!!!!!

logo
NTDB id 1475 Cj0275 YP 002343717.1      TRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHPNQEFIQIDTSNILFVC  254
NTDB id 20146 Spy49 0700 ACI61015.1     LKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPNQEMIQIDTKNILFIV  246
NTDB id 379 SMU RS04375 WP 002262816.1  LKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQQEMIQIDTKNILFIV  246
consensus                               **!*!!!!**!*!!**!!***!!!!!!!***!!*!!!!!!!!!!!!!!!!!!!!!!!!!*****!!*!!!!!!*!!*!!!!!*!!!!**

logo
NTDB id 1475 Cj0275 YP 002343717.1      GGAFDGLETILKRKLGDKVVGFFDDAKE..ENKALLEKIEPDDLVHFGLIPELIGRLHVIASLNELNEEDMVRILTEPKNAIIKQ  337
NTDB id 20146 Spy49 0700 ACI61015.1     GGAFDGIEEIVKQRLGEKVIGFGQNSRKIDDNASYMQEIISEDIQKFGLIPEFIGRLPVVAALEQLKTSDLIRILTEPRNALVKQ  331
NTDB id 379 SMU RS04375 WP 002262816.1  GGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQLTVDDLVKILTEPKNALVKQ  331
consensus                               !!!!!!*!*!*!**!!*!**!!*** ****** *****!***!***!!!!!!*!!!!*!*!*!**!  *!***!!!!!*!!**!!

logo
NTDB id 1475 Cj0275 YP 002343717.1      YQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDIVI.TKEVVKDNAKALLIKRKIS  417
NTDB id 20146 Spy49 0700 ACI61015.1     YQALLSYDGVELEFDKAALEAIATKAIERKTGARGLRSIIEETMLDIMFEIPSQEDVTKVRITKAAVEGKSKPVLETA...  409
NTDB id 379 SMU RS04375 WP 002262816.1  YQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCVRITKKAVEGTDKPILETAS..  410
consensus                               !! !***!!!*!*!* *!! !!!**!*!!!!!!!!!!!!!!!!*!*!*!!!*!***!** !**!! *!**  !**!***
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X non conserved

X similar

X ≥ 50% conserved