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logo

NTDB id 1475 Cj0275 YP 002343717.1              MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYL   80
NTDB id 1111868 SPYH293 RS03420 WP 053039050.1  ..MAGSRTNDIKVYCSFCGKSQDDVKKIIAG..NNVFICNECVALSQEIIKEELAEEVL.....ADLTEVPKPKELLDVL   71
NTDB id 379 SMU RS04375 WP 002262816.1          ..MAGNRTNDVTVHCSFCGKNQDEVKKIIAG..NGVFICNECVELSQEIIREELAEEVL.....ADLSEVPKPKELLAIL   71
consensus                                         *** ***** * !!!!** ******!*!*   * *!!!**!!*****!!**!**!***     ********!!!!***!

logo

NTDB id 1475 Cj0275 YP 002343717.1              DRYVIGQDRAKKVFSVGVYNHYKRLFKAELQ.DDDTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAICDATSLTEAG   159
NTDB id 1111868 SPYH293 RS03420 WP 053039050.1  NQYVVGQDRAKRALSVAVYNHYKRVSLTESRDDDDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATSLTEAG   151
NTDB id 379 SMU RS04375 WP 002262816.1          DSYVIGQDRAKRALAVAVYNHYKRISFTESQDDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAG   151
consensus                                       * !!*!!!!!!****!*!!!!!!!** *!***!*!**!*!!!!!**!!!!!!!!*!!!!!!!*!*!!*!!*!!!*!!!!!

logo

NTDB id 1475 Cj0275 YP 002343717.1              YVGEDVENILTRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHPN   239
NTDB id 1111868 SPYH293 RS03420 WP 053039050.1  YVGEDVENILLKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPN   231
NTDB id 379 SMU RS04375 WP 002262816.1          YVGEDVENILLKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQ   231
consensus                                       !!!!!!!!!!**!*!!!!**!*!!**!!***!!!!!!***!!*!!!!!!!!!!!!!!!!!!!!!!*****!!*!!!!!!*

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NTDB id 1475 Cj0275 YP 002343717.1              QEFIQIDTSNILFVCGGAFDGLETILKRKLGDKVVGFFDDAKE..ENKALLEKIEPDDLVHFGLIPELIGRLHVIASLNE   317
NTDB id 1111868 SPYH293 RS03420 WP 053039050.1  QEMIQIDTKNILFIVGGAFDGIEEIVKQRLGEKVIGFGQNSRKIDDNASYMQEIISEDIQKFGLIPEFIGRLPVVAALEQ   311
NTDB id 379 SMU RS04375 WP 002262816.1          QEMIQIDTKNILFIVGGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQ   311
consensus                                       !!*!!!!!*!!!!**!!!!!!*!*!*!**!!*!**!!*** ****** *****!***!***!!!!!!*!!!!*!*!*!**

logo

NTDB id 1475 Cj0275 YP 002343717.1              LNEEDMVRILTEPKNAIIKQYQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDIV   397
NTDB id 1111868 SPYH293 RS03420 WP 053039050.1  LNTSDLIKILTEPRNALVKQYQALLSYDGVELAFDKEALEAIANKAIERKTGARGLRSIIEETMLDIMFEIPSQEDVTKV   391
NTDB id 379 SMU RS04375 WP 002262816.1          LTVDDLVKILTEPKNALVKQYQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCV   391
consensus                                       !* *!***!!!!!*!!**!!!! !***!!!*! !* *!! !!!**!*!!!!!!!!!!!!!!!!*!*!*!!!*!***!** !

logo

NTDB id 1475 Cj0275 YP 002343717.1              I.TKEVVKDNAKALLIKRKIS   417
NTDB id 1111868 SPYH293 RS03420 WP 053039050.1  RITKAAVEGKSKPVLETA...   409
NTDB id 379 SMU RS04375 WP 002262816.1          RITKKAVEGTDKPILETAS..   410
consensus                                       **!! *!**  !**!***
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X non conserved

X similar

X ≥50% conserved