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logo

NTDB id 1475 Cj0275 YP 002343717.1          MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYL   80
NTDB id 1036433 ACA346 RS05665 WP 130555333.1  ...MAIKHTQELIYCSFCGKNQEEVKKIIAG..NNVFICNECVELAQEIIREELAEEVL.....TDLADTPKPQELLNIL   70
NTDB id 379 SMU RS04375 WP 002262816.1      ..MAGNRTNDVTVHCSFCGKNQDEVKKIIAG..NGVFICNECVELSQEIIREELAEEVL.....ADLSEVPKPKELLAIL   71
consensus                                      ****    * * !!!!*****!*!*   * *!!!**!!!****!**!**!***       ** * **!*!!***!

logo

NTDB id 1475 Cj0275 YP 002343717.1          DRYVIGQDRAKKVFSVGVYNHYKRLFKAEL.QDDDTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAICDATSLTEAG   159
NTDB id 1036433 ACA346 RS05665 WP 130555333.1  NNYVIGQDRAKRALAVAVYNHYKRINFQDSRDENDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAG   150
NTDB id 379 SMU RS04375 WP 002262816.1      DSYVIGQDRAKRALAVAVYNHYKRISFTESQDDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAG   151
consensus                                   * !!!!!!!!!****!*!!!!!!!* * ** ***!**!*!!!!!**!!!!!!!!*!!!!!!!*!*!!*!!*!!!*!!!!!

logo

NTDB id 1475 Cj0275 YP 002343717.1          YVGEDVENILTRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHPN   239
NTDB id 1036433 ACA346 RS05665 WP 130555333.1  YVGEDVENILLKLLQAADFNIDRAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPN   230
NTDB id 379 SMU RS04375 WP 002262816.1      YVGEDVENILLKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQ   231
consensus                                   !!!!!!!!!!**!*!!!!***!!**!!***!!!!!!***!!*!!!!!!!!!!!!!!!!!!!!!*****!!*!!!!!!*

logo

NTDB id 1475 Cj0275 YP 002343717.1          QEFIQIDTSNILFVCGGAFDGLETILKRKLGDKVVGFFDDAK..EENKALLEKIEPDDLVHFGLIPELIGRLHVIASLNE   317
NTDB id 1036433 ACA346 RS05665 WP 130555333.1  QEMIQVDTKNILFIVGGAFDGIEEIVKQRLGEKIIGFGQNNRAIDEKESYMQHIIADDIQKFGIIPELIGRLPVLAALDQ   310
NTDB id 379 SMU RS04375 WP 002262816.1      QEMIQIDTKNILFIVGGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQ   311
consensus                                   !!*!!*!!*!!!!**!!!!!!*!*!*!**!!*!**!!***** ***** **** !* *!***!!*!!!*!!!!*!*!*!**

logo

NTDB id 1475 Cj0275 YP 002343717.1          LNEEDMVRILTEPKNAIIKQYQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDIV   397
NTDB id 1036433 ACA346 RS05665 WP 130555333.1  LTTEDLIRILTEPKNALVKQYQTLLSYDNVELEFDQDALEEIAKKAIERKTGARGLRSIIEETMMDVMFEVPSQENVKRV   390
NTDB id 379 SMU RS04375 WP 002262816.1      LTVDDLVKILTEPKNALVKQYQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCV   391
consensus                                   !* *!***!!!!!!!!**!!!!*!***!*!*!*!***!! *!!**!*!!!!!!!!!!!!!!!!*!*!*!!!*!*****  !

logo

NTDB id 1475 Cj0275 YP 002343717.1          I.TKEVVKDNAKALLIKRKIS   417
NTDB id 1036433 ACA346 RS05665 WP 130555333.1  RVTKDAVDGKEKPLLETA...   408
NTDB id 379 SMU RS04375 WP 002262816.1      RITKKAVEGTDKPILETAS..   410
consensus                                   **!!**!** *!**!***
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X non conserved

X similar

X ≥ 50% conserved