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logo

NTDB id 50762 SMULJ23 RS05565 WP 002262816.1  ..MAGNRTNDVTVHCSFCGKNQDEVKKIIA..GNGVFICNECVELSQEIIREELAEEVLA.....DLSEVPKPKELLAIL   71
NTDB id 379 SMU RS04375 WP 002262816.1        ..MAGNRTNDVTVHCSFCGKNQDEVKKIIA..GNGVFICNECVELSQEIIREELAEEVLA.....DLSEVPKPKELLAIL   71
NTDB id 1475 Cj0275 YP 002343717.1            MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYL   80
consensus                                       ************!!!!*********!*!   ****!!!**!!!****!!**!**!****     *******!!!!*!*!

logo

NTDB id 50762 SMULJ23 RS05565 WP 002262816.1  DSYVIGQDRAKRALAVAVYNHYKRISFTESQDDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAG   151
NTDB id 379 SMU RS04375 WP 002262816.1        DSYVIGQDRAKRALAVAVYNHYKRISFTESQDDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAG   151
NTDB id 1475 Cj0275 YP 002343717.1            DRYVIGQDRAKKVFSVGVYNHYKRLFKAELQ.DDDTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAICDATSLTEAG   159
consensus                                     !*!!!!!!!!!****!*!!!!!!!****!*!*!*!**!*!!!!!**!!!!!!!!*!!!!!!!*!*!!*!!*!!!!*!!!!!

logo

NTDB id 50762 SMULJ23 RS05565 WP 002262816.1  YVGEDVENILLKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQ   231
NTDB id 379 SMU RS04375 WP 002262816.1        YVGEDVENILLKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQ   231
NTDB id 1475 Cj0275 YP 002343717.1            YVGEDVENILTRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHPN   239
consensus                                     !!!!!!!!!!**!*!!!!**!*!!**!!***!!!!!!***!!*!!!!!!!!!!!!!!!!!!!!!!!!!*****!!*!!!!!!*

logo

NTDB id 50762 SMULJ23 RS05565 WP 002262816.1  QEMIQIDTKNILFIVGGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQ   311
NTDB id 379 SMU RS04375 WP 002262816.1        QEMIQIDTKNILFIVGGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQ   311
NTDB id 1475 Cj0275 YP 002343717.1            QEFIQIDTSNILFVCGGAFDGLETILKRKLGDKVVGFFDDAKE..ENKALLEKIEPDDLVHFGLIPELIGRLHVIASLNE   317
consensus                                     !!*!!!!!*!!!!**!!!!!!*!*!*!**!!*!**!!****!***********!***!***!!!!!*!!!!*!*!*!**

logo

NTDB id 50762 SMULJ23 RS05565 WP 002262816.1  LTVDDLVKILTEPKNALVKQYQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCV   391
NTDB id 379 SMU RS04375 WP 002262816.1        LTVDDLVKILTEPKNALVKQYQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCV   391
NTDB id 1475 Cj0275 YP 002343717.1            LNEEDMVRILTEPKNAIIKQYQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDIV   397
consensus                                     !***!*!*!!!!!!!!**!!!!*!***!!!*!*!***!!*!!!!*!*!!!!!!!!!!!!!!!!*!*!!!!!!*!***!***!

logo

NTDB id 50762 SMULJ23 RS05565 WP 002262816.1  RITKKAVEGTDKPILETAS..   410
NTDB id 379 SMU RS04375 WP 002262816.1        RITKKAVEGTDKPILETAS..   410
NTDB id 1475 Cj0275 YP 002343717.1            IT.KEVVKDNAKALLIKRKIS   417
consensus                                     ***!**!****!**!****
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X non conserved

X similar

X ≥ 50% conserved