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logo

NTDB id 1121434 EL130 RS06345 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 1121434 EL130 RS06345 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 1121434 EL130 RS06345 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 1121434 EL130 RS06345 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 1121434 EL130 RS06345 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 1121434 EL130 RS06345 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