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logo

NTDB id 1141441 DQN42 RS04065 WP 003072918.1  ..MPTNRTSEMMVYCSFCGKSQEEVQKIIAG..NNAFICNECVELAQEIIREELAEEVLA.....DLSEVPKPQELLNIL   71
NTDB id 379 SMU RS04375 WP 002262816.1        ..MAGNRTNDVTVHCSFCGKNQDEVKKIIAG..NGVFICNECVELSQEIIREELAEEVLA.....DLSEVPKPKELLAIL   71
NTDB id 1475 Cj0275 YP 002343717.1            MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYL   80
consensus                                       * **** ** * !!!!** ******!*!*  * *!!!**!!!****!!**!**!****     *******!*!!***!

logo

NTDB id 1141441 DQN42 RS04065 WP 003072918.1  NHYVIGQDRAKRALAVAVYNHYKRINFHDNREEEDDVELQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEA  151
NTDB id 379 SMU RS04375 WP 002262816.1        DSYVIGQDRAKRALAVAVYNHYKRISFTESQD.DQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEA  150
NTDB id 1475 Cj0275 YP 002343717.1            DRYVIGQDRAKKVFSVGVYNHYKRLFKAELQ..DDDTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAICDATSLTEA  158
consensus                                     * !!!!!!!!!****!*!!!!!!!* * * ** **!**!*!!!!!**!!!!!!!!*!!!!!!!*!*!!*!!*!!!*!!!!

logo

NTDB id 1141441 DQN42 RS04065 WP 003072918.1  GYVGEDVENILLKLLQAADFNIERAERGIIYVDEIDKIAKKSENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHP  231
NTDB id 379 SMU RS04375 WP 002262816.1        GYVGEDVENILLKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHP  230
NTDB id 1475 Cj0275 YP 002343717.1            GYVGEDVENILTRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHP  238
consensus                                     !!!!!!!!!!!!**!*!!!!*****!!**!!***!!!!!!!***!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!*!!!!!!

logo

NTDB id 1141441 DQN42 RS04065 WP 003072918.1  QQEMIQVDTKNILFIVGGAFDGIEEIVKQRLGEKIIGFGQNNKAIDENSSYMQEIISEDIQKFGLIPELIGRLPVFAALE  311
NTDB id 379 SMU RS04375 WP 002262816.1        QQEMIQIDTKNILFIVGGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALE  310
NTDB id 1475 Cj0275 YP 002343717.1            NQEFIQIDTSNILFVCGGAFDGLETILKRKLGDKVVGFFDDAK..EENKALLEKIEPDDLVHFGLIPELIGRLHVIASLN  316
consensus                                     *!!*!!*!!*!!!!!**!!!!!!*!*!*!**!!*!**!!****!  **********!***!***!!!!!!*!!!!*!*!*!*

logo

NTDB id 1141441 DQN42 RS04065 WP 003072918.1  PLTVEDLVRILREPKNALVKQYQTLLSYDDVTLEFDDDALQEIANKAIERKTGARGLRSIIEETMMDLMFEVPSQENVKL  391
NTDB id 379 SMU RS04375 WP 002262816.1        QLTVDDLVKILTEPKNALVKQYQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTC  390
NTDB id 1475 Cj0275 YP 002343717.1            ELNEEDMVRILTEPKNAIIKQYQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDI  396
consensus                                      !***!*!*!!*!!!!!**!!!!*!***!*!  !*!**!!**!!**!*!!!!!!!!!!!!!!!!*!*!*!!!*!*****  *

logo

NTDB id 1141441 DQN42 RS04065 WP 003072918.1  VRITKEAVDGTDKPILETA...   410
NTDB id 379 SMU RS04375 WP 002262816.1        VRITKKAVEGTDKPILETAS..   410
NTDB id 1475 Cj0275 YP 002343717.1            VI.TKEVVKDNAKALLIKRKIS   417
consensus                                     !**!!**!****!**!***
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X non conserved

X similar

X ≥50% conserved