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logo

NTDB id 1475 Cj0275 YP 002343717.1          MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYL   80
NTDB id 1170115 ACLV65 RS03325 WP 138031720.1  ..MPTTRKNDMMVYCSFCGKNQEEVQKIIAG..NNAFICNECVELAQEIIREELVEEVLA.....DLSEVPKPIELLHIL   71
NTDB id 379 SMU RS04375 WP 002262816.1      ..MAGNRTNDVTVHCSFCGKNQDEVKKIIAG..NGVFICNECVELSQEIIREELAEEVLA.....DLSEVPKPKELLAIL   71
consensus                                     * * * *** * !!!!*************!*!*  * *!!!**!!!****!!**!* !****     *******!*!!***!

logo

NTDB id 1475 Cj0275 YP 002343717.1          DRYVIGQDRAKKVFSVGVYNHYKRLFKAELQ..DDDTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAICDATSLTEA  158
NTDB id 1170115 ACLV65 RS03325 WP 138031720.1  NHYVIGQDRAKRALAVAVYNHYKRINFHDTREESEDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEA  151
NTDB id 379 SMU RS04375 WP 002262816.1      DSYVIGQDRAKRALAVAVYNHYKRISFTESQ.DDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEA  150
consensus                                   * !!!!!!!!!****!*!!!!!!!* * *** ***!**!*!!!!!**!!!!!!!!*!!!!!!!*!*!!*!!*!!!*!!!!

logo

NTDB id 1475 Cj0275 YP 002343717.1          GYVGEDVENILTRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHP  238
NTDB id 1170115 ACLV65 RS03325 WP 138031720.1  GYVGEDVENILLKLLQAADFNIERAERGIIYVDEIDKIAKKSENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHP  231
NTDB id 379 SMU RS04375 WP 002262816.1      GYVGEDVENILLKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHP  230
consensus                                   !!!!!!!!!!!**!*!!!!*****!!**!!***!!!!!!***!!*!!!!!!!!!!!!!!!!!!!!!*****!!*!!!!!!

logo

NTDB id 1475 Cj0275 YP 002343717.1          NQEFIQIDTSNILFVCGGAFDGLETILKRKLGDKVVGFFDDAK..EENKALLEKIEPDDLVHFGLIPELIGRLHVIASLN  316
NTDB id 1170115 ACLV65 RS03325 WP 138031720.1  QQEMIQVDTKNILFIVGGAFDGIEEIVKQRLGEKVIGFGQNNKAIDENSSYMQEIIAEDIQKFGIIPELIGRLPVFAALE  311
NTDB id 379 SMU RS04375 WP 002262816.1      QQEMIQIDTKNILFIVGGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALE  310
consensus                                   *!!*!!*!!*!!!!**!!!!!!*!*!*!**!!*!**!!****!  **********!* *!***!!*!!!*!!!!*!*!*!*

logo

NTDB id 1475 Cj0275 YP 002343717.1          ELNEEDMVRILTEPKNAIIKQYQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDI  396
NTDB id 1170115 ACLV65 RS03325 WP 138031720.1  QLTVDDLVRILKEPRNALVKQYQTLLSYDDVELEFDDEALQEIANKAIERKTGARGLRSIIEETMLDVMFEVPSQENVKL  391
NTDB id 379 SMU RS04375 WP 002262816.1      QLTVDDLVKILTEPKNALVKQYQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTC  390
consensus                                   *!***!*!*!!*!!*!!**!!!!*!***!*!*!*!**!!**!!**!*!!!!!!!!!!!!!!!!!*!*!*!!!*!*****  *

logo

NTDB id 1475 Cj0275 YP 002343717.1          VI.TKEVVKDNAKALLIKRKIS   417
NTDB id 1170115 ACLV65 RS03325 WP 138031720.1  VRITKEAVDGTDKPILETA...   410
NTDB id 379 SMU RS04375 WP 002262816.1      VRITKKAVEGTDKPILETAS..   410
consensus                                   !**!!**!****!**!***
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X non conserved

X similar

X ≥ 50% conserved