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logo

NTDB id 1475 Cj0275 YP 002343717.1          MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYL   80
NTDB id 1024699 AB1F57 RS07495 WP 167785534.1 ...MAVKHTHELIYCSFCGKNQEEVKKIIAG..NNVFICNECVELAQEIIREELAEEVLT.....DLADTPKPLELLNIL   70
NTDB id 379 SMU RS04375 WP 002262816.1      ..MAGNRTNDVTVHCSFCGKNQDEVKKIIAG..NGVFICNECVELSQEIIREELAEEVLA.....DLSEVPKPKELLAIL   71
consensus                                      ****    * * !!!!*****!*!*   * *!!!**!!!****!**!**!***      ** * **!*!!***!

logo

NTDB id 1475 Cj0275 YP 002343717.1          DRYVIGQDRAKKVFSVGVYNHYKRLFKAELQDD..DTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAICDATSLTEA   158
NTDB id 1024699 AB1F57 RS07495 WP 167785534.1 NHYVIGQDRAKRALAVAVYNHYKRINFQDTRDDENDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEA   150
NTDB id 379 SMU RS04375 WP 002262816.1      DSYVIGQDRAKRALAVAVYNHYKRISFTESQD.DQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEA   150
consensus                                   * !!!!!!!!!****!*!!!!!!!* * ***!***!**!*!!!!!**!!!!!!!!*!!!!!!!*!*!!*!!*!!!*!!!!

logo

NTDB id 1475 Cj0275 YP 002343717.1          GYVGEDVENILTRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHP   238
NTDB id 1024699 AB1F57 RS07495 WP 167785534.1 GYVGEDVENILLKLLQAADFNIDRAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHP   230
NTDB id 379 SMU RS04375 WP 002262816.1      GYVGEDVENILLKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHP   230
consensus                                   !!!!!!!!!!!**!*!!!!****!!**!!***!!!!!!***!!*!!!!!!!!!!!!!!!!!!!!!*****!!*!!!!!!

logo

NTDB id 1475 Cj0275 YP 002343717.1          NQEFIQIDTSNILFVCGGAFDGLETILKRKLGDKVVGFFDDAK..EENKALLEKIEPDDLVHFGLIPELIGRLHVIASLN   316
NTDB id 1024699 AB1F57 RS07495 WP 167785534.1 NQEMIHVDTKNILFIVGGAFDGIEEIVKQRLGEKIIGFGQNNRAIEEKDSYMQHIIADDIQKFGIIPELIGRLPVFAALD   310
NTDB id 379 SMU RS04375 WP 002262816.1      QQEMIQIDTKNILFIVGGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALE   310
consensus                                   *!!*!**!!*!!!!**!!!!!!*!*!*!**!!*!**!!***** ***** **** !* *!***!!*!!!*!!!!*!*!*!*

logo

NTDB id 1475 Cj0275 YP 002343717.1          ELNEEDMVRILTEPKNAIIKQYQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDI   396
NTDB id 1024699 AB1F57 RS07495 WP 167785534.1 QLTEDDLVRILTEPRNALVKQYQTLLSYDDVELEFEEDALQEIAKKAIERKTGARGLRSIIEETMLDVMFEVPSQDDVKK   390
NTDB id 379 SMU RS04375 WP 002262816.1      QLTVDDLVKILTEPKNALVKQYQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTC   390
consensus                                   *!***!*!*!!!!!*!!**!!!!*!***!*!*!*!***!!**!!**!*!!!!!!!!!!!!!!!!!*!*!*!!!*!***!*

logo

NTDB id 1475 Cj0275 YP 002343717.1          VIT.KEVVKDNAKALLIKRKIS   417
NTDB id 1024699 AB1F57 RS07495 WP 167785534.1 VRVTKAAVDGEGKPELETA...   409
NTDB id 379 SMU RS04375 WP 002262816.1      VRITKKAVEGTDKPILETAS..   410
consensus                                   !***! *!** *!**!***
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X non conserved

X similar

X ≥ 50% conserved