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logo
NTDB id 1475 Cj0275 YP 002343717.1          MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYLDRYVI   85
NTDB id 69454 SR187 RS05080 WP 024532031.1  ...MAVKHTHELIYCSFCGKNQEEVKKIIAG..NNVFICNECVELAQEIIREELAEEVLT.....DLADTPKPQELLNILNNYVI   75
NTDB id 379 SMU RS04375 WP 002262816.1      ..MAGNRTNDVTVHCSFCGKNQDEVKKIIAG..NGVFICNECVELSQEIIREELAEEVLA.....DLSEVPKPKELLAILDSYVI   76
consensus                                      ****    * * !!!!**********!*!*  * *!!!**!!****!**!**!***       ** * **!*!!***!* !!!

logo
NTDB id 1475 Cj0275 YP 002343717.1          GQDRAKKVFSVGVYNHYKRLFKAE.LQDDDTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAICDATSLTEAGYVGEDVENIL  169
NTDB id 69454 SR187 RS05080 WP 024532031.1  GQDRAKRALAVAVYNHYKRINFQDSRDDNDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAGYVGEDVENIL  160
NTDB id 379 SMU RS04375 WP 002262816.1      GQDRAKRALAVAVYNHYKRISFTESQDDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAGYVGEDVENIL  161
consensus                                   !!!!!!****!*!!!!!!!* * ** *!*!**!*!!!!!**!!!!!!!*!!!!!!!*!*!!*!!*!!!*!!!!!!!!!!!!!!!!

logo
NTDB id 1475 Cj0275 YP 002343717.1          TRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHPNQEFIQIDTSNILFVC  254
NTDB id 69454 SR187 RS05080 WP 024532031.1  LKLLQAADFNIDRAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPNQEMIHVDTKNILFIV  245
NTDB id 379 SMU RS04375 WP 002262816.1      LKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQQEMIQIDTKNILFIV  246
consensus                                   **!*!!!!****!!**!!***!!!!!!***!!*!!!!!!!!!!!!!!!!!!!!!!*****!!*!!!!!!*!!*!**!!*!!!!**

logo
NTDB id 1475 Cj0275 YP 002343717.1          GGAFDGLETILKRKLGDKVVGFFDDAK..EENKALLEKIEPDDLVHFGLIPELIGRLHVIASLNELNEEDMVRILTEPKNAIIKQ  337
NTDB id 69454 SR187 RS05080 WP 024532031.1  GGAFDGIEEIVKQRLGEKIIGFGQNNRAIDEKESYMQHIIADDIQKFGIIPELIGRLPVFAALDQLTTEDLIRILTEPKNALVKQ  330
NTDB id 379 SMU RS04375 WP 002262816.1      GGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQLTVDDLVKILTEPKNALVKQ  331
consensus                                   !!!!!!*!*!*!**!!*!**!!***** **** **** !* *!***!!*!!!*!!!!*!*!*!**!* *!***!!!!!!!!**!!

logo
NTDB id 1475 Cj0275 YP 002343717.1          YQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDIVI.TKEVVKDNAKALLIKRKIS  417
NTDB id 69454 SR187 RS05080 WP 024532031.1  YQTLLSYDDVELEFDEDALEEIAKKAIERKTGARGLRSIIEETMLDVMFEVPGQDEVKRVRVTKAAVNGKEKPLLETA...  408
NTDB id 379 SMU RS04375 WP 002262816.1      YQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCVRITKKAVEGTDKPILETAS..  410
consensus                                   !!*!***!*!*!*!***!! *!!**!*!!!!!!!!!!!!!!!!*!*!*!!!*! *****  !**!! *! * *!**!***
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X non conserved

X similar

X $\geq$ 50% conserved