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logo
NTDB id 1475 Cj0275 YP 002343717.1          MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYLDRYVI   85
NTDB id 26656 STER RS03065 WP 011680904.1   ..MAGNR.NEEMVYCSFCGKNQEEVKKIIA..GNGVFICNECVALSQEIIREETAEEVL.....ADLAETPKPKELLDILNNYVV   75
NTDB id 379 SMU RS04375 WP 002262816.1      ..MAGNRTNDVTVHCSFCGKNQDEVKKIIA..GNGVFICNECVELSQEIIREELAEEVL.....ADLSEVPKPKELLAILDSYVI   76
consensus                                    ***** *** * !!!!****+****!*!   ****!!!**!!*****!!**! *!***     *** * **!!!!***!* !!*

logo
NTDB id 1475 Cj0275 YP 002343717.1          GQDRAKKVFSVGVYNHYKRLFKAE.LQDDDTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAICDATSLTEAGYVGEDVENIL   169
NTDB id 26656 STER RS03065 WP 011680904.1   GQDRVKRALAVAVYNHYKRINFTESREDNDVDLQKSNILMIGPTGSGKTYLAQTLARSLNVPFAIADATSLTEAGYVGEDVENIL   160
NTDB id 379 SMU RS04375 WP 002262816.1      GQDRAKRALAVAVYNHYKRISFTESQDDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAGYVGEDVENIL   161
consensus                                   !!!!*!****!*!!!!!!!* **!* *!*!**!*!!!!!**!!!!!!!!*!!!!!!**!*!!*!!*!!!*!!!!!!!!!!!!!!!!

logo
NTDB id 1475 Cj0275 YP 002343717.1          TRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHPNQEFIQIDTSNILFVC   254
NTDB id 26656 STER RS03065 WP 011680904.1   LKLIQAADFNIERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPNQEMIQIDTKNILFIV   245
NTDB id 379 SMU RS04375 WP 002262816.1      LKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQQEMIQIDTKNILFIV   246
consensus                                   **!*!!!!*****!!**!!***!!!!!!!***!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 1475 Cj0275 YP 002343717.1          GGAFDGLETILKRKLGDKVVGFFDDAKE..ENKALLEKIEPDDLVHFGLIPELIGRLHVIASLNELNEEDMVRILTEPKNAIIKQ   337
NTDB id 26656 STER RS03065 WP 011680904.1   GGAFDGIEDIVKQRLGEKIIGFGQNNKAIDDESSYMKEIVAEDIQKFGLIPEFIGRLPVLAALEQLTVDDLVRILTEPRNALVKQ   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 26656 STER RS03065 WP 011680904.1   YQTLLSYDGVELEFDQDALEAIASKAIERKTGARGLRSIIEEVMMDVMFEIPSLEDVTKVRITKEAVDGKAAPVLETA...   408
NTDB id 379 SMU RS04375 WP 002262816.1      YQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCVRITKKAVEGTDKPILETAS..   410
consensus                                   !!*!***!!!*!*!***!! !!!**!*!!!!!!!!!!!!!!!!!!*!*!*!!!*!* *!** !**!!**!** ****!***
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X non conserved

X similar

X ≥ 50% conserved