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logo
NTDB id 1475 Cj0275 YP 002343717.1        MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYLDRYVI   85
NTDB id 31376 SEZ RS05275 WP 012515695.1  ..MAGNRSNDIKVHCSFCGKSQDEVKKIIAG..NNVFICNECVALSQEIIKEELAEEVL.....SDLTEVPKPKELLDILNQYVI   76
NTDB id 379 SMU RS04375 WP 002262816.1    ..MAGNRTNDVTVHCSFCGKNQDEVKKIIAG..NGVFICNECVELSQEIIREELAEEVL.....ADLSEVPKPKELLAILDSYVI   76
consensus                                   ********* **!!!!** ******!*!*   * *!!!**!!*****!!**!**!***      ********!!!!***!* !!!

logo
NTDB id 1475 Cj0275 YP 002343717.1        GQDRAKKVFSVGVYNHYKRLFKAEL.QDDDTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAICDATSLTEAGYVGEDVENIL  169
NTDB id 31376 SEZ RS05275 WP 012515695.1  GQERAKRALSVAVYNHYKRISFTESRDDDDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATSLTEAGYVGEDVENIL  161
NTDB id 379 SMU RS04375 WP 002262816.1    GQDRAKRALAVAVYNHYKRISFTESQDDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAGYVGEDVENIL  161
consensus                                 !!*!!!****!*!!!!!!!****!* *!*!**!*!!!!!**!!!!!!!!*!!!!!!!*!*!!*!!*!!!*!!!!!!!!!!!!!!!!

logo
NTDB id 1475 Cj0275 YP 002343717.1        TRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHPNQEFIQIDTSNILFVC  254
NTDB id 31376 SEZ RS05275 WP 012515695.1  LKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPNQEMIQIDTKNILFIV  246
NTDB id 379 SMU RS04375 WP 002262816.1    LKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQQEMIQIDTKNILFIV  246
consensus                                 **!*!!!!**!*!!**!!***!!!!!!***!!*!!!!!!!!!!!!!!!!!!!!!*****!!*!!!!!!*!!*!!!!!*!!!!**

logo
NTDB id 1475 Cj0275 YP 002343717.1        GGAFDGLETILKRKLGDKVVGFFDDAKE..ENKALLEKIEPDDLVHFGLIPELIGRLHVIASLNELNEEDMVRILTEPKNAIIKQ  337
NTDB id 31376 SEZ RS05275 WP 012515695.1  GGAFDGIEEIVKQRLGEKIIGFGQNSRKIDDNASYMQEIIAEDIQKFGLIPEFIGRLPVVAALEQLNTEDLIRILTEPRNALVKQ  331
NTDB id 379 SMU RS04375 WP 002262816.1    GGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQLTVDDLVKILTEPKNALVKQ  331
consensus                                 !!!!!!*!*!*!**!!*!**!!*** ****** *****!* *!***!!!!!!*!!!!*!*!*!**!* *!***!!!!!*!!**!!

logo
NTDB id 1475 Cj0275 YP 002343717.1        YQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDIV.ITKEVVKDNAKALLIKRKIS  417
NTDB id 31376 SEZ RS05275 WP 012515695.1  YQALLSYDGVELEFEKSALEAIAGRAIERKTGARGLRSIIEETMLDIMFEVPSQEEVTKVRITKEAVEGQSKPILEIA...  409
NTDB id 379 SMU RS04375 WP 002262816.1    YQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCVRITKKAVEGTDKPILETAS..  410
consensus                                 !! !***!!!*!*!* *!! !!!*!*!!!!!!!!!!!!!!!!*!*!*!!!*!****** !*!!!**!*** !**!* *
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X non conserved

X similar

X ≥ 50% conserved