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logo

NTDB id 1475 Cj0275 YP 002343717.1                MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKE   75
NTDB id 1111755 HMPREF9425 RS06435 WP 003097621.1 ..MAGNR.NEEMVYCSFCGKNQEEVKKIIA..GNGVFICNECVALSQEIIREEMAEEVL.....ADLAETPKPKE   65
NTDB id 379 SMU RS04375 WP 002262816.1            ..MAGNRTNDVTVHCSFCGKNQDEVKKIIA..GNGVFICNECVELSQEIIREELAEEVL.....ADLSEVPKPKE   66
consensus                                           ***** *** * !!!!*****!*****!*!  ****!!!**!!*****!!**!**!***     *** * **!!!

logo

NTDB id 1475 Cj0275 YP 002343717.1                LKAYLDRYVIGQDRAKKVFSVGVYNHYKRLFKAE.LQDDDTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAI   149
NTDB id 1111755 HMPREF9425 RS06435 WP 003097621.1 LLDILNNYVVGQDRAKRALSVAVYNHYKRINFTESREDNDVDLQKSNILMIGPTGSGKTFLAQTLARSLNVPFAI   140
NTDB id 379 SMU RS04375 WP 002262816.1            LLAILDSYVIGQDRAKRALAVAVYNHYKRISFTESQDDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAI   141
consensus                                         !***!* !!*!!!!!!****!*!!!!!!!* **!* *!*!**!*!!!!!**!!!!!!!!*!!!!!!**!*!!*!!

logo

NTDB id 1475 Cj0275 YP 002343717.1                CDATSLTEAGYVGEDVENILTRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEG   224
NTDB id 1111755 HMPREF9425 RS06435 WP 003097621.1 ADATSLTEAGYVGEDVENILLKLIQAADFNIERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEG   215
NTDB id 379 SMU RS04375 WP 002262816.1            ADATALTEAGYVGEDVENILLKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEG   216
consensus                                         *!!!*!!!!!!!!!!!!!!!!**!*!!!!*****!!**!!***!!!!!!!***!!*!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1475 Cj0275 YP 002343717.1                SLVNIPPRGGRKHPNQEFIQIDTSNILFVCGGAFDGLETILKRKLGDKVVGFFDDAK..EENKALLEKIEPDDLV   297
NTDB id 1111755 HMPREF9425 RS06435 WP 003097621.1 TVASVPPQGGRKHPNQEMIQIDTKNILFIVGGAFDGIEDIVKQRLGEKIIGFGQNNKAIDDDSSYMQEIVAEDIQ   290
NTDB id 379 SMU RS04375 WP 002262816.1            TVASVPPQGGRKHPQQEMIQIDTKNILFIVGGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEISEDIQ   291
consensus                                         *****!!*!!!!!!*!!*!!!!!*!!!!**!!!!!!*!*!*!**!!*!**!!****! ***********!* *!**

logo

NTDB id 1475 Cj0275 YP 002343717.1                HFGLIPELIGRLHVIASLNELNEEDMVRILTEPKNAIIKQYQKLFAIDGVNLKFEEDALRAIAQLALERKTGARG   372
NTDB id 1111755 HMPREF9425 RS06435 WP 003097621.1 KFGLIPEFIGRLPVLAALEQLTVDDLVRILTEPRNALVKQYQTLLSYDGVELEFDQDALEAIASKAIERKTGARG   365
NTDB id 379 SMU RS04375 WP 002262816.1            KFGLIPEFIGRLPVLAALEQLTVDDLVKILTEPKNALVKQYQTLLSYDGVELEFDQEALQAIAQKAIERKTGARG   366
consensus                                         *!!!!!!*!!!!*!*!*!**!***!*!*!!!!!*!!**!!!!*!***!!!*!*!***!! !!!**!*!!!!!!!!

logo

NTDB id 1475 Cj0275 YP 002343717.1                LRSIIEEMMVDLMFELPEYKDYDIVI.TKEVVKDNAKALLIKRKIS   417
NTDB id 1111755 HMPREF9425 RS06435 WP 003097621.1 LRSIIEEVMMDVMFEIPSQEDVTKVRITKEAVDGTAAPVLETA...   408
NTDB id 379 SMU RS04375 WP 002262816.1            LRSIIEETMLDLMFEIPSQEDVTCVRITKKAVEGTDKPILETAS..   410
consensus                                         !!!!!!!*!*!*!!!*!***!** !**!!**!******!***
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X non conserved

X similar

X ≥ 50% conserved