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logo

NTDB id 1475 Cj0275 YP 002343717.1          MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYL   80
NTDB id 1030298 AB6M99 RS06965 WP 369350469.1  ..MASNRKMDHKVYCSFCGKNQEEVRKIIAG..NGVFICNECVELSQEIIREELAEEVLA.....DLSEVPKPKELLEIL   71
NTDB id 379 SMU RS04375 WP 002262816.1      ..MAGNRTNDVTVHCSFCGKNQDEVKKIIAG..NGVFICNECVELSQEIIREELAEEVLA.....DLSEVPKPKELLAIL   71
consensus                                     *****  ** * !!!!************!*!*  ***!!!**!!!****!!**!**!****     *******!!!!***!

logo

NTDB id 1475 Cj0275 YP 002343717.1          DRYVIGQDRAKKVFSVGVYNHYKRLFKAE.LQDDDTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAICDATSLTEAG   159
NTDB id 1030298 AB6M99 RS06965 WP 369350469.1  NQYVVGQDRAKRALAVAVYNHYKRVSFTESRNDDDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATSLTEAG   151
NTDB id 379 SMU RS04375 WP 002262816.1      DSYVIGQDRAKRALAVAVYNHYKRISFTESQDDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAG   151
consensus                                   * !!*!!!!!!****!*!!!!!!!****!* *!*!**!*!!!!!**!!!!!!!!*!!!!!!!*!*!!*!!*!!!*!!!!!

logo

NTDB id 1475 Cj0275 YP 002343717.1          YVGEDVENILTRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHPN   239
NTDB id 1030298 AB6M99 RS06965 WP 369350469.1  YVGEDVENILLKLIQAADYNIERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPN   231
NTDB id 379 SMU RS04375 WP 002262816.1      YVGEDVENILLKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQ   231
consensus                                   !!!!!!!!!!**!*!!!!****!!**!!***!!!!!!***!!*!!!!!!!!!!!!!!!!!!!!!*****!!*!!!!!!*

logo

NTDB id 1475 Cj0275 YP 002343717.1          QEFIQIDTSNILFVCGGAFDGLETILKRKLGDKVVGFFDDAKE..ENKALLEKIEPDDLVHFGLIPELIGRLHVIASLNE   317
NTDB id 1030298 AB6M99 RS06965 WP 369350469.1  QEMIQIDTKNILFIVGGAFDGIEDIVKQRMGEKIIGFGQNNKKIADDASYMQEIISEDIQKFGLIPEFIGRLPVVAALEQ   311
NTDB id 379 SMU RS04375 WP 002262816.1      QEMIQIDTKNILFIVGGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQ   311
consensus                                   !!*!!!!!*!!!!**!!!!!!*!*!*!***!*!**!!****!** ** *****!***!***!!!!!!*!!!!*!*!*!**

logo

NTDB id 1475 Cj0275 YP 002343717.1          LNEEDMVRILTEPKNAIIKQYQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDIV   397
NTDB id 1030298 AB6M99 RS06965 WP 369350469.1  LTVDDLVKILTEPKNALVKQYKTLFSYDGVELEFDEEALQTIAAKAIERKTGARGLRSIIEETMLDIMFEIPSHEDVTGV   391
NTDB id 379 SMU RS04375 WP 002262816.1      LTVDDLVKILTEPKNALVKQYQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCV   391
consensus                                   !***!*!*!!!!!!!!!**!!!**!***!!!*!*!***!!**!!**!*!!!!!!!!!!!!!!!!!*!*!*!!!*!* *!** !

logo

NTDB id 1475 Cj0275 YP 002343717.1          .ITKEVVKDNAKALLIKRKIS   417
NTDB id 1030298 AB6M99 RS06965 WP 369350469.1  RITKEAVEGKAEPILETA...   409
NTDB id 379 SMU RS04375 WP 002262816.1      RITKKAVEGTDKPILETAS..   410
consensus                                   *!!!**!** ****!***
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X non conserved

X similar

X ≥ 50% conserved