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logo

NTDB id 1475 Cj0275 YP 002343717.1          MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYL   80
NTDB id 1110950 ACNR93 RS05160 WP 024343987.1  ..MVGNRTNDVKVYCSFCGKSQDEVKKIIAG..NNVFICNECVALSQEIIKEELAEEVL.....ADLAEVPKPKELLATL   71
NTDB id 379 SMU RS04375 WP 002262816.1      ..MAGNRTNDVTVHCSFCGKNQDEVKKIIAG..NGVFICNECVELSQEIIREELAEEVL.....ADLSEVPKPKELLAIL   71
consensus                                     ********* * !!!!** ******!*!*  * *!!!**!!*****!!**!*!**!***     *** ****!!!!*! !

logo

NTDB id 1475 Cj0275 YP 002343717.1          DRYVIGQDRAKKVFSVGVYNHYKRLFKAELQ.DDDTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAICDATSLTEAG  159
NTDB id 1110950 ACNR93 RS05160 WP 024343987.1  DEYVVGQERAKRALAVAVYNHYKRVSFAESRDEEDVELQKSNILLIGPTGSGKTFLAQTLAKSLNVPFAIADATSLTEAG  151
NTDB id 379 SMU RS04375 WP 002262816.1      DSYVIGQDRAKRALAVAVYNHYKRISFTESQDDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAG  151
consensus                                   ! !!*!!*!!!****!*!!!!!!!*****!****!**!*!!!!!**!!!!!!!!*!!!!!!!*!*!!*!!*!!!*!!!!!

logo

NTDB id 1475 Cj0275 YP 002343717.1          YVGEDVENILTRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHPN  239
NTDB id 1110950 ACNR93 RS05160 WP 024343987.1  YVGEDVENILLKLIQAADFNIERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPN  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 1110950 ACNR93 RS05160 WP 024343987.1  QEMIQIDTKNILFIVGGAFDGIEDIVKQRLGEKIIGFGQNNRKIDEDASYMQEIISEDIQKFGLIPEFIGRLPVVAALEQ  311
NTDB id 379 SMU RS04375 WP 002262816.1      QEMIQIDTKNILFIVGGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQ  311
consensus                                   !!*!!!!!*!!!!**!!!!!!*!*!*!**!!*!**!!*********** *****!***!***!!!!!!*!!!!*!*!*!**

logo

NTDB id 1475 Cj0275 YP 002343717.1          LNEEDMVRILTEPKNALIIKQYQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDIV  397
NTDB id 1110950 ACNR93 RS05160 WP 024343987.1  LTADDLVRILTEPRNALVKQYQTLLSYDGVELEFDEDALQAIANKAIERKTGARGLRSIIEETMMDIMFEIPSREEVTKV  391
NTDB id 379 SMU RS04375 WP 002262816.1      LTVDDLVKILTEPKNALVKQYQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCV  391
consensus                                   !* *!*!*!!!!!*!!**!!!!*!***!!!*!*!***!!*!!!!**!*!!!!!!!!!!!!!!!!!*!*!!!!*!* **** !

logo

NTDB id 1475 Cj0275 YP 002343717.1          .ITKEVVKDNAKALLIKRKIS   417
NTDB id 1110950 ACNR93 RS05160 WP 024343987.1  RITKDAVEGTDKPILETA...   409
NTDB id 379 SMU RS04375 WP 002262816.1      RITKKAVEGTDKPILETAS..   410
consensus                                   *!!!**!****!**!***
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X non conserved

X similar

X ≥ 50% conserved