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logo

NTDB id 1475 Cj0275 YP 002343717.1          MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYL   80
NTDB id 255829 CTW00 RS08145 WP 003099812.1 ..MAVNRTNDIKVHCSFCGKDQDEVKKIIAG..NNVFICDECVALSQEIIKEELAEEVL.....ADLTEVPKPKELLDIL   71
NTDB id 379 SMU RS04375 WP 002262816.1      ..MAGNRTNDVTVHCSFCGKNQDEVKKIIAG..NGVFICNECVELSQEIIREELAEEVL.....ADLSEVPKPKELLAIL   71
consensus                                     ** ****** **!!!!** ******!*!*   * *!!!**!!*****!!**!**!***     *********!!!!***!

logo

NTDB id 1475 Cj0275 YP 002343717.1          DRYVIGQDRAKKVFSVGVYNHYKRLFKAEL.QDDDTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAICDATSLTEAG  159
NTDB id 255829 CTW00 RS08145 WP 003099812.1 NQYVVGQDHAKKALAVAVYNHYKRVSFTESRDEDEVELQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATSLTEAG  151
NTDB id 379 SMU RS04375 WP 002262816.1      DSYVIGQDRAKRALAVAVYNHYKRISFTESQDDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAG  151
consensus                                   * !!*!!!*!!****!*!!!!!!!*****!* ******!*!!!!!**!!!!!!!!*!!!!!!!*!*!!*!!*!!!*!!!!!

logo

NTDB id 1475 Cj0275 YP 002343717.1          YVGEDVENILTRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHPN  239
NTDB id 255829 CTW00 RS08145 WP 003099812.1 YVGEDVENILLKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTEASVPPQGGRKHPN  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 255829 CTW00 RS08145 WP 003099812.1 QEMIQIDTKNILFIVGGAFDGIEEIVKQRLGEKIIGFGQNSRKIDEDASYMQEIIAEDIQKFGLIPEFIGRLPVVAALEQ  311
NTDB id 379 SMU RS04375 WP 002262816.1      QEMIQIDTKNILFIVGGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQ  311
consensus                                   !!*!!!!!*!!!!**!!!!!!*!*!*!**!!*!**!!*** ***** ***** *!*!***!!!!!!*!!!!*!*!*!**

logo

NTDB id 1475 Cj0275 YP 002343717.1          LNEEDMVRILTEPKNAIIKQYQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDIV  397
NTDB id 255829 CTW00 RS08145 WP 003099812.1 LTVADLIQILTEPRNALVKQYQALLSYDGVELEFEKAALEAIAAKAIERKTGARGLRSIIEETMLDIMFEIPSQEDVIKV  391
NTDB id 379 SMU RS04375 WP 002262816.1      LTVDDLVKILTEPKNALVKQYQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCV  391
consensus                                   !**!***!!!!!*!!**!!!! !***!!!*!*!* *!! !!!**!*!!!!!!!!!!!!!!!!*!*!*!!!!*!***!*  !

logo

NTDB id 1475 Cj0275 YP 002343717.1          I.TKEVVKDNAKALLIKRKIS   417
NTDB id 255829 CTW00 RS08145 WP 003099812.1 RITKDSVDGLKKPILETA...   409
NTDB id 379 SMU RS04375 WP 002262816.1      RITKKAVEGTDKPILETAS..   410
consensus                                   **!!* !**  !**!***
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X non conserved

X similar

X ≥ 50% conserved