```
logo
NTDB id 1475 Cj0275 YP 002343717.1          MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYL   80
NTDB id 1130439 STHERMO RS02980 WP 002950151.1  ..MAGNR.NEEMVYCSFCGKNQEEVKKIIAG..NGVFICNECVALSQEIIREETAEEVL.....ADLAETPKPKELLDIL   70
NTDB id 379 SMU RS04375 WP 002262816.1      ..MAGNRTNDVTVHCSFCGKNQDEVKKIIAG..NGVFICNECVELSQEIIREELAEEVL.....ADLSEVPKPKELLAIL   71
consensus                                     ***** *** * !!!!*****!*!*  ***!!!**!!*****!!**! *!***     *** * **!!!!***!

logo
NTDB id 1475 Cj0275 YP 002343717.1          DRYVIGQDRAKKVFSVGVYNHYKRLFKAE.LQDDDTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAICDATSLTEAG  159
NTDB id 1130439 STHERMO RS02980 WP 002950151.1  NNYVVGQDRVKRALAVAVYNHYKRINFTESREDNDVDLQKSNILMIGPTGSGKTYLAQTLARSLNVPFAIADATSLTEAG  150
NTDB id 379 SMU RS04375 WP 002262816.1      DSYVIGQDRAKRALAVAVYNHYKRISFTESQDDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAG  151
consensus                                   * !!*!!!!*!****!*!!!!!!!* **!* *!*!**!*!!!!!**!!!!!!!!*!!!!!!**!*!!*!!*!!!!*!!!!!

logo
NTDB id 1475 Cj0275 YP 002343717.1          YVGEDVENILTRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHPN  239
NTDB id 1130439 STHERMO RS02980 WP 002950151.1  YVGEDVENILLKLIQAADFNIERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPN  230
NTDB id 379 SMU RS04375 WP 002262816.1      YVGEDVENILLKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQ  231
consensus                                   !!!!!!!!!!**!*!!!!*****!!**!!***!!!!!!!***!!*!!!!!!!!!!!!!!!!!!!!!!!!!*****!!*!!!!!!*

logo
NTDB id 1475 Cj0275 YP 002343717.1          QEFIQIDTSNILFVCGGAFDGLETILKRKLGDKVVGFFDDAKE..ENKALLEKIEPDDLVHFGLIPELIGRLHVIASLNE  317
NTDB id 1130439 STHERMO RS02980 WP 002950151.1  QEMIQIDTKNILFIVGGAFDGIEDIVKQRLGEKIIGFGQNNKAIDDESSYMKEIVAEDIQKFGLIPEFIGRLPVLATLEQ  310
NTDB id 379 SMU RS04375 WP 002262816.1      QEMIQIDTKNILFIVGGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQ  311
consensus                                   !!*!!!!!*!!!!**!!!!!!*!*!*!**!!*!**!!****!  *********  *!*  *!***!!!!!!*!!!!*!*!*!**

logo
NTDB id 1475 Cj0275 YP 002343717.1          LNEEDMVRILTEPKNAIIKQYQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDIV  397
NTDB id 1130439 STHERMO RS02980 WP 002950151.1  LTVDDLVRILTEPRNALVKQYQTLLSYDGVELEFDQDALEAIASKAIERKTGARGLRSIIEEVMMDVMFEIPSLEDVTKV  390
NTDB id 379 SMU RS04375 WP 002262816.1      LTVDDLVKILTEPKNALVKQYQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCV  391
consensus                                   !***!*!*!!!!!*!!**!!!!*!***!!!*!*!***!!  !!!**!*!!!!!!!!!!!!!!!!!*!*!*!!!*!*  *!**  !

logo
NTDB id 1475 Cj0275 YP 002343717.1          I.TKEVVKDNAKALLIKRKIS   417
NTDB id 1130439 STHERMO RS02980 WP 002950151.1  RITKEAVDGKAAPVLETA...   408
NTDB id 379 SMU RS04375 WP 002262816.1      RITKKAVEGTDKPILETAS..   410
consensus                                   **!!**!**  ****!***
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X non conserved

X similar

X ≥50% conserved