```
logo
NTDB id 39259 SAIN RS03925 WP 021001590.1  MPTNRTNEMMVYCSFCGKSQEEVQKIIAGNNAFICNECVELAQEIIREELAEEVLADLSEVPKPQELLNILNHYVIGQDRAKRAL   85
NTDB id 379 SMU RS04375 WP 002262816.1     MAGNRTNDVTVHCSFCGKNQDEVKKIIAGNGVFICNECVELSQEIIREELAEEVLADLSEVPKPKELLAILDSYVIGQDRAKRAL   85
consensus                                  !* !!!!** !*!!!!!! !*!! !!!!!!  !!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!! !!! !! *!!!!!!!!!!!!

logo
NTDB id 39259 SAIN RS03925 WP 021001590.1  AVAVYNHYKRINFHDNHEDEEDVELQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAGYVGEDVENILLKLLQAAD  170
NTDB id 379 SMU RS04375 WP 002262816.1     AVAVYNHYKRISFTESQ.DDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAGYVGEDVENILLKLIQAAD  169
consensus                                  !!!!!!!!!!! !** **!* !!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!

logo
NTDB id 39259 SAIN RS03925 WP 021001590.1  FNIERAERGIIYVDEIDKIAKKSENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQQEMIQVDTKNILFIVGGAFDGIE  255
NTDB id 379 SMU RS04375 WP 002262816.1     YNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQQEMIQIDTKNILFIVGGAFDGIE  254
consensus                                  *!*!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 39259 SAIN RS03925 WP 021001590.1  EIVKQRLGEKIIGFGQNNKAIDETGSYMQEIISEDIQKFGLIPELIGRLPVFAALEPLTVDDLVRILREPKNALVKQYQTLLSYD  340
NTDB id 379 SMU RS04375 WP 002262816.1     DIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQLTVDDLVKILTEPKNALVKQYQTLLSYD  339
consensus                                  *!!!!!!!!!!!!!!!!!!! !!*  !!!!!!!!!!!!!!!!!!!! !!!!!! !!!!*!!!!!!!*!! !!!!!!!!!!!!!!!!!!

logo
NTDB id 39259 SAIN RS03925 WP 021001590.1  DVKLEFDDDALQEIANKAIERKTGARGLRSIIEETMMDVMFEVPSQENVKLVRITKEAVDGTDKPILETA.   410
NTDB id 379 SMU RS04375 WP 002262816.1     GVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFETPSQEDVTCVRITKKAVEGTDKPILETAS   410
consensus                                   ! !!!! *!!! !!*!!!!!!!!!!!!!!!!!!!!*!*!!!*!!!! ! *!!!!! !!*!!!!!!!!!!*
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X non conserved

X similar

X $\geq$ 50% conserved