```
logo

NTDB id 94681 SanJ4206 RS04015 WP 003027977.1  MPTNRTNEMMVYCSFCGKSQEEVQKIIAGNNAFICNECVELSQEIIREELAEEVLADLSEVPKPQELLNILNHYVIGQDR   80
NTDB id 379 SMU RS04375 WP 002262816.1         MAGNRTNDVTVHCSFCGKNQDEVKKIIAGNGVFICNECVELSQEIIREELAEEVLADLSEVPKPKELLAILDSYVIGQDR   80
consensus                                      !* !!!!** !*!!!!!! !*!! !!!!!!  !!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!! !!! !! *!!!!!!!

logo

NTDB id 94681 SanJ4206 RS04015 WP 003027977.1  AKRALAVAVYNHYKRINFHDNREDEEDVELQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAGYVGEDVEN  160
NTDB id 379 SMU RS04375 WP 002262816.1         AKRALAVAVYNHYKRISFTESQ.DDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAGYVGEDVEN  159
consensus                                      !!!!!!!!!!!!!!!! !**  *!* !!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 94681 SanJ4206 RS04015 WP 003027977.1  ILLKLLQAADFNIERAERGIIYVDEIDKIAKKSENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQQEMIQVDT  240
NTDB id 379 SMU RS04375 WP 002262816.1         ILLKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQQEMIQIDT  239
consensus                                      !!!!!*!!!!*!*!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!

logo

NTDB id 94681 SanJ4206 RS04015 WP 003027977.1  KNILFIVGGAFDGIEEIVKQRLGEKIIGFGQNNKAIDETGSYMQEIISEDIQKFGLIPELIGRLPVFAALEPLTVDDLVR  320
NTDB id 379 SMU RS04375 WP 002262816.1         KNILFIVGGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQLTVDDLVK  319
consensus                                      !!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!! !!*  !!!!!!!!!!!!!!!!!!! !!!!!! !!!!*!!!!!!!*

logo

NTDB id 94681 SanJ4206 RS04015 WP 003027977.1  ILREPKNALVKQYQTLLSYDDVKLEFDDDALQEIANKAIERKTGARGLRSIIEETMMDVMFEVPSQENVKLVRITKEAVD  400
NTDB id 379 SMU RS04375 WP 002262816.1         ILTEPKNALVKQYQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCVRITKKAVE  399
consensus                                      !! !!!!!!!!!!!!!!!!! ! !!!! *!!! !!*!!!!!!!!!!!!!!!!!!!!*!*!!!*!!!! ! *!!!!! !!*

logo

NTDB id 94681 SanJ4206 RS04015 WP 003027977.1  GTDKPILETA.   410
NTDB id 379 SMU RS04375 WP 002262816.1         GTDKPILETAS   410
consensus                                      !!!!!!!!!!*
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X non conserved

X similar

X $\geq$ 50% conserved