```
logo

NTDB id 40964 H020 RS0107780 WP 000106346.1  MSTNRKNDMMVYCSFCGKNQEEVQKIIAGNNAFICNECVELAQEIIREELVEEVLADLSEVPKPIELLHILNHYVIGQDR   80
NTDB id 379 SMU RS04375 WP 002262816.1       MAGNRTNDVTVHCSFCGKNQDEVKKIIAGNGVFICNECVELSQEIIREELAEEVLADLSEVPKPKELLAILDSYVIGQDR   80
consensus                                    !  !! !!* !*!!!!!!!!*!! !!!!!!  !!!!!!!!! !!!!!!!! !!!!!!!!!!!!! !!!*!! *!!!!!!!

logo

NTDB id 40964 H020 RS0107780 WP 000106346.1  AKRALAVAVYNHYKRINFHDTREESEDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAGYVGEDVEN  160
NTDB id 379 SMU RS04375 WP 002262816.1       AKRALAVAVYNHYKRISFTESQ.DDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAGYVGEDVEN  159
consensus                                    !!!!!!!!!!!!!!!! !*** **  !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 40964 H020 RS0107780 WP 000106346.1  ILLKLLQVADFNIERAERGIIYVDEIDKIAKKSENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQQEMIQVDT  240
NTDB id 379 SMU RS04375 WP 002262816.1       ILLKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQQEMIQIDT  239
consensus                                    !!!!!*! !!*!*!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!

logo

NTDB id 40964 H020 RS0107780 WP 000106346.1  KNILFIVGGAFDGIEEIVKQRLGEKVIGFGQNNKAIDENSSYMQEIIAEDIQKFGIIPELIGRLPVFAALEQLTVDDLVR  320
NTDB id 379 SMU RS04375 WP 002262816.1       KNILFIVGGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQLTVDDLVK  319
consensus                                    !!!!!!!!!!!!!!!*!!!!!!!!!*!!!!!!!! !!**!!!!!!!! !!!!!!!*!!! !!!!!! !!!!!!!!!!!!*

logo

NTDB id 40964 H020 RS0107780 WP 000106346.1  ILKEPRNALVKQYQTLLSYDDVELEFDDEALQEIANKAIERKTGARGLRSIIEETMLDVMFEVPSQENVKLVRITKETVD  400
NTDB id 379 SMU RS04375 WP 002262816.1       ILTEPKNALVKQYQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCVRITKKAVE  399
consensus                                    !! !!*!!!!!!!!!!!!!!! !!!!!! !!!! !!*!!!!!!!!!!!!!!!!!!!!!!!!*!!!*!!!! ! *!!!!!  !*

logo

NTDB id 40964 H020 RS0107780 WP 000106346.1  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