```
logo

NTDB id 1147053 CKW02 RS00020 WP 003215341.1  MYIQSLALTSYRNYEHTELQFDNKVNVMIGENAQGKTNLMEAIYVLSMAKSHRTSNDKELIRWDQDYAKIEGRVIKKNGP   80
NTDB id 353 BSU 00040 NP 387885.1             MYIQNLELTSYRNYDHAELQFENKVNVIIGENAQGKTNLMEAIYVLSMAKSHRTSNDKELIRWDKDYAKIEGRVMKQNGA   80
consensus                                     !!!! ! !!!!!!!*! !!!!*!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!*! !!*

logo

NTDB id 1147053 CKW02 RS00020 WP 003215341.1  LPMQLVISKKGKKGKVNHIEQQKLSHYVGALNTIMFAPEDLSLVKGSPQIRRRFLDMEIGQVSAVYLHDLSLYQKILSQR  160
NTDB id 353 BSU 00040 NP 387885.1             IPMQLVISKKGKKGKVNHIEQQKLSQYVGALNTIMFAPEDLNLVKGSPQVRRRFLDMEIGQVSPVYLHDLSLYQKILSQR  160
consensus                                     *!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!! !!!!!!!*!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!

logo

NTDB id 1147053 CKW02 RS00020 WP 003215341.1  NHYLKQLQTRKQKDQAMLEVLTEQLIDAAAKVVKRRLTFTKQLEKWAQPLHFGISRELETLTLQYHTAIEVSEASDLSKI  240
NTDB id 353 BSU 00040 NP 387885.1             NHFLKQLQTRKQTDRTMLDVLTDQLVEVAAKVVVKRLQFTAQLEKWAQPIHAGISRGLEELTLKYHTALDVSDPLDLSKI  240
consensus                                     !!*!!!!!!!!!! !  !!*!!!*!!** !!!!! *!! !! !!!!!!!!*! !!!! !! !!! !!!!**!!** !!!!!

logo

NTDB id 1147053 CKW02 RS00020 WP 003215341.1  KNSYEESFQKLRDREIDRGVTLWGPHRDDLLFFVNGRDVQTYGSQGQQRTTALSLKLAEIDLIHEEIGEYPILLLDDVLS  320
NTDB id 353 BSU 00040 NP 387885.1             GDSYQEAFSKLREKEIERGVTLSGPHRDDVLFYVNGRDVQTYGSQGQQRTTALSLKLAEIDLIHEEIGEYPILLLDDVLS  320
consensus                                       !! ! ! !!!**!!*!!!!! !!!!!!*!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1147053 CKW02 RS00020 WP 003215341.1  ELDDYRQSHLLHTIQGRVQTFVTTTSVEGIDHATLKEAEIFRVASGKVID   370
NTDB id 353 BSU 00040 NP 387885.1             ELDDYRQSHLLHTIQGRVQTFVTTTSVDGIDHETLRQAGMFRVQNGALVK   370
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!! !!* ! *!!!  ! **
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X non conserved

X similar

X ≥ 50% conserved