```
logo

NTDB id 323529 D5285 RS00020 WP 003178089.1  MYIQNLTLSSYRNYERLDLQFENKVNVIIGENAQGKTNLMEAIYVLAMAKSHRTSNDKELIRWDEDYAKIEGRVIKKNGS   80
NTDB id 353 BSU 00040 NP 387885.1            MYIQNLELTSYRNYDHAELQFENKVNVIIGENAQGKTNLMEAIYVLSMAKSHRTSNDKELIRWDKDYAKIEGRVMKQNGA   80
consensus                                    !!!!!! !*!!!!!** *!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!! !!!!!!!!!*! !!

logo

NTDB id 323529 D5285 RS00020 WP 003178089.1  VPIQLVISKKGKKGKVNHIEQQKLSQYVGAVNTIMFAPEDLNLVKGSPQVRRRFLDMEIGQVSPVYLHDLSLYQKILSQR  160
NTDB id 353 BSU 00040 NP 387885.1            IPMQLVISKKGKKGKVNHIEQQKLSQYVGALNTIMFAPEDLNLVKGSPQVRRRFLDMEIGQVSPVYLHDLSLYQKILSQR  160
consensus                                    *!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 323529 D5285 RS00020 WP 003178089.1  NHFLKQLQTRKQTDQTMLDVLTEQLTEFAAKVVMKRLQFVDQLEKWAQPIHSGISRGLEELTLKYHTSLHVSDSPDLSKM  240
NTDB id 353 BSU 00040 NP 387885.1            NHFLKQLQTRKQTDRTMLDVLTDQLVEVAAKVVVKRLQFTAQLEKWAQPIHAGISRGLEELTLKYHTALDVSDPLDLSKI  240
consensus                                    !!!!!!!!!!!!!! !!!!!!!*!! ! !!!!!*!!!!! !!!!!!!!!! !!!!!!!!!!!!!!! !*!!!**!!!!*

logo

NTDB id 323529 D5285 RS00020 WP 003178089.1  INSYQETFSKLRDKEIERGVSLSGPHRDDVLFYVNGRDVQTYGSQGQQRTTALSLKLAEIDLIQEEIGEYPILLLDDVLS  320
NTDB id 353 BSU 00040 NP 387885.1            GDSYQEAFSKLREKEIERGVTLSGPHRDDVLFYVNGRDVQTYGSQGQQRTTALSLKLAEIDLIHEEIGEYPILLLDDVLS  320
consensus                                      !!!! !!!!!*!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 323529 D5285 RS00020 WP 003178089.1  ELDDYRQSHLLHTIQGRVQTFVTTTSVDGIDHKTLNEAEIFRVENGTLSD   370
NTDB id 353 BSU 00040 NP 387885.1            ELDDYRQSHLLHTIQGRVQTFVTTTSVDGIDHETLRQAGMFRVQNGALVK   370
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!   ! *!!! !! !
```

X non conserved

X similar

X $\geq$ 50% conserved