```
logo

NTDB id 994902 AAYR26 RS03525 WP 016885621.1  MYIQNITLSSYRNYERLDLQFENKVNVIIGENAQGKTNLMEAIYVLAMAKSHRTSNDKELIRWDEDYAKIEGRVIKKNGS   80
NTDB id 353 BSU 00040 NP 387885.1             MYIQNLELTSYRNYDHAELQFENKVNVIIGENAQGKTNLMEAIYVLSMAKSHRTSNDKELIRWDKDYAKIEGRVMKQNGA   80
consensus                                     !!!!!* !*!!!!!** *!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!! !!!!!!!!!*! !!

logo

NTDB id 994902 AAYR26 RS03525 WP 016885621.1  VPIQLVISKKGKKGKVNHIEQQKLSQYVGALNTIMFAPEDLNLVKGSPQVRRRFLDMEIGQVSPVYLHDLSLYQKILSQR  160
NTDB id 353 BSU 00040 NP 387885.1             IPMQLVISKKGKKGKVNHIEQQKLSQYVGALNTIMFAPEDLNLVKGSPQVRRRFLDMEIGQVSPVYLHDLSLYQKILSQR  160
consensus                                     *!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 994902 AAYR26 RS03525 WP 016885621.1  NHFLKQLQTRKQTDQTMLDVLTEQLTEFAAKVVMKRLQFVDQLEKWAQPIHSGISRGLEELTLKYHTSLHVSDSPDLSKM  240
NTDB id 353 BSU 00040 NP 387885.1             NHFLKQLQTRKQTDRTMLDVLTDQLVEVAAKVVVKRLQFTAQLEKWAQPIHAGISRGLEELTLKYHTALDVSDPLDLSKI  240
consensus                                     !!!!!!!!!!!!!!! !!!!!!!*!! ! !!!!!*!!!!!  !!!!!!!!!! !!!!!!!!!!!!!!! !*!!!**!!!!*

logo

NTDB id 994902 AAYR26 RS03525 WP 016885621.1  INSYQETFSKLRDKEIERGVSLSGPHRDDVLFYVNGRDVQTYGSQGQQRTTALSLKLAEIDLIQEEIGEYPILLLDDVLS  320
NTDB id 353 BSU 00040 NP 387885.1             GDSYQEAFSKLREKEIERGVTLSGPHRDDVLFYVNGRDVQTYGSQGQQRTTALSLKLAEIDLIHEEIGEYPILLLDDVLS  320
consensus                                       !!!! !!!!!*!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!

logo

NTDB id 994902 AAYR26 RS03525 WP 016885621.1  ELDDYRQSHLLHTIQGRVQTFVTTTSVDGIDHKTLNEAETFRVENGTLSD   370
NTDB id 353 BSU 00040 NP 387885.1             ELDDYRQSHLLHTIQGRVQTFVTTTSVDGIDHETLRQAGMFRVQNGALVK   370
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!  ! *!!! !! !
```

X non conserved

X similar

X $\geq$ 50% conserved