```
logo

NTDB id 999047 ABD412 RS09840 WP 002982243.1  MTKYERIYKDLETKINKDFYKEGDFLPTEIELSQQYQASRDTVRKALSLLTKAGLILKKQGRGTQVIKHHQIMFPISELT   80
NTDB id 440 SMU RS09330 WP 002273717.1        MKKYEIIFKKLEEDILKGHYQMGDYLPPEMELSQTYASSRDTVRKALQLLTKAGFIKTVQGRGSQIIKRERINFPVSQLT   80
consensus                                     ! !!! !*! !!  ! ! *!  !!*!!*!*!!!! !  !!!!!!!!! !!!!!! !   !!!!*!*!!** ! !!*! !!

logo

NTDB id 999047 ABD412 RS09840 WP 002982243.1  SYQELVSYSNLDSKTNVIAIDKLIVDETLSKLTGFSKNSLVWRVTRQRVVEGVASVLDIDYLSKTLVPIMTREIAEHSIY  160
NTDB id 440 SMU RS09330 WP 002273717.1        SYQELVKQLQMNVKTNVIAIDKLIVDEKLTKLTGFENKGLVWRITRQRVIDGVASILDTDYLDKALIPHMTREIAEHSIY  160
consensus                                     !!!!!!   **  !!!!!!!!!!!!!! !*!!!!!   !!!!*!!!!!**!!!!*!! !!! ! !*!*!!!!!!!!!!!

logo

NTDB id 999047 ABD412 RS09840 WP 002982243.1  QYLEKELHLAIDFALKEVTIDQITDRDKILLDLGSDQHVVSVKSKVYLSNNNQFQFTESRHKLEKFKFLDFARRRPK   237
NTDB id 440 SMU RS09330 WP 002273717.1        DYLENQLKLDIAYAQKIITIDQVSQKDKILLDLDSENHVVSVKSKVYLSNQQQFQFTESRHKLEKFRFVDFARRHRD   237
consensus                                       !!!  !*! ! *! ! *!!!!** *!!!!!!! !**!!!!!!!!!!!!!!**!!!!!!!!!!!!!!*!*!!!!!**
```

X non conserved

X similar

X $\geq$ 50% conserved