```
logo

NTDB id 118104 STAB904 RS08315 WP 002982243.1  MTKYERIYKDLETKINKDFYKEGDFLPTEIELSQQYQASRDTVRKALSLLTKAGLILKKQGRGTQVIKHHQIMFPISELT   80
NTDB id 440 SMU RS09330 WP 002273717.1         MKKYEIIFKKLEEDILKGHYQMGDYLPPEMELSQTYASSRDTVRKALQLLTKAGFIKTVQGRGSQIIKRERINFPVSQLT   80
consensus                                      ! !!! !*! !!  ! ! *!  !!*!!*!*!!!! !  !!!!!!!!! !!!!!! !   !!!!*!*!!** ! !!*! !!

logo

NTDB id 118104 STAB904 RS08315 WP 002982243.1  SYQELVSYSNLDSKTNVIAIDKLIVDETLSKLTGFSKNSLVWRVTRQRVVEGVASVLDIDYLSKTLVPIMTREIAEHSIY  160
NTDB id 440 SMU RS09330 WP 002273717.1         SYQELVKQLQMNVKTNVIAIDKLIVDEKLTKLTGFENKGLVWRITRQRVIDGVASILDTDYLDKALIPHMTREIAEHSIY  160
consensus                                      !!!!!!   **  !!!!!!!!!!!!!! !*!!!!!    !!!!*!!!!!**!!!!*!! !!! ! !*!*!!!!!!!!!!!

logo

NTDB id 118104 STAB904 RS08315 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