```
logo

NTDB id 1140186 DQM95 RS09570 WP 037593125.1  MKKYEQIYKDLESKIAKEIYKIDDFLPTEMALSEEYQASRDTIRKALTLLTKSGLVKKRQGRGTQVIKHHQILFPISELT   80
NTDB id 440 SMU RS09330 WP 002273717.1        MKKYEIIFKKLEEDILKGHYQMGDYLPPEMELSQTYASSRDTVRKALQLLTKAGFIKTVQGRGSQIIKRERINFPVSQLT   80
consensus                                     !!!!! !*! !!  ! ! *! * !*!!*!! !!  !  !!!!*!!!! !!!! ! *!  !!!!*!*!!** ! !!*! !!

logo

NTDB id 1140186 DQM95 RS09570 WP 037593125.1  SYQELVTFFNMDSKTNVIAIDKLIVDNDTSKLTGFQVNDIIWRVTRQRVVDGVASVLDIDYLSKKLIPTITREIAEHSLY  160
NTDB id 440 SMU RS09330 WP 002273717.1        SYQELVKQLQMNVKTNVIAIDKLIVDEKLTKLTGFENKGLVWRITRQRVIDGVASILDTDYLDKALIPHMTREIAEHSIY  160
consensus                                     !!!!!!   *!  !!!!!!!!!!!!!   *!!!!!    **!!*!!!!!*!!!!!*!! !!! ! !!!**!!!!!!!!*!

logo

NTDB id 1140186 DQM95 RS09570 WP 037593125.1  HYLEKDLHLDIDFALKEVTIDQVNEKDKILLDLGSDKHVVSVKSKVYLSTNEQFQFTESRHKLEKFKFVDFARRKPK   237
NTDB id 440 SMU RS09330 WP 002273717.1        DYLENQLKLDIAYAQKIITIDQVSQKDKILLDLDSENHVVSVKSKVYLSNQQQFQFTESRHKLEKFRFVDFARRHRD   237
consensus                                     *!!!  !*!!! *! ! *!!!!!  !!!!!!!! !* !!!!!!!!!!!! * !!!!!!!!!!!!!!*!!!!!!!**
```

X non conserved

X similar

X $\geq$ 50% conserved