```
logo

NTDB id 1110982 ACNR93 RS09000 WP 420544088.1  MKKYERIYQILEKAITSGVYSAGDYLPTENELCTQYHVSRDTVRKALSLLAEARLIKKIHGSGSQVIKRETIDFPVSKLT   80
NTDB id 440 SMU RS09330 WP 002273717.1         MKKYEIIFKKLEEDILKGHYQMGDYLPPEMELSQTYASSRDTVRKALQLLTKAGFIKTVQGRGSQIIKRERINFPVSQLT   80
consensus                                      !!!!! !*  !!  !  !*!  !!!!!*! !!*  !* !!!!!!!!! !!  !  !! **! !!!*!!!! ! !!!! !!

logo

NTDB id 1110982 ACNR93 RS09000 WP 420544088.1  SYKELVDNFGINSKTNVISIDKLIVDEKLTALTGFSKNSLVWRVIRQRVVDGTASVIDIDYLDKKIVPNMTREIAEKSIY  160
NTDB id 440 SMU RS09330 WP 002273717.1         SYQELVKQLQMNVKTNVIAIDKLIVDEKLTKLTGFENKGLVWRITRQRVIDGVASILDTDYLDKALIPHMTREIAEHSIY  160
consensus                                      !! !!! *  *! !!!!! !!!!!!!!!!! !!!!    !!!!* !!!!*!! !!**! !!!!! **!*!!!!!!!*!!!

logo

NTDB id 1110982 ACNR93 RS09000 WP 420544088.1  DYLENQLHLSITYAQKEITIDQLNDRDKLLLDIGAEHHVVSIKSKVYLANNQQFQFTESRHKLEKFRFVDFATRKNLLPT  240
NTDB id 440 SMU RS09330 WP 002273717.1         DYLENQLKLDIAYAQKIITIDQVSQKDKILLDLDSENHVVSVKSKVYLSNQQQFQFTESRHKLEKFRFVDFARRHRD...  237
consensus                                      !!!!!!!*! ! !!!! !!!!!*  *!!*!!!*  !*!!!!*!!!!!! !*!!!!!!!!!!!!!!!!!!!!! !*  ***

logo

NTDB id 1110982 ACNR93 RS09000 WP 420544088.1  KH   242
NTDB id 440 SMU RS09330 WP 002273717.1         ..   237
consensus                                      **
```

X non conserved

X similar

X $\geq$ 50% conserved