```
logo

NTDB id 1130996 H0511 RS08855 WP 179974054.1   MKKYQIVYKDLEKAIHCQKYQVGDFLLTEQELVETFKVSRDTIRKALSLLVEEGLVKKIHGVGSQVISQEQVNFPVSDLT   80
NTDB id 440 SMU RS09330 WP 002273717.1         MKKYEIIFKKLEEDILKGHYQMGDYLPPEMELSQTYASSRDTVRKALQLLTKAGFIKTVQGRGSQIIKRERINFPVSQLT   80
consensus                                      !!!! !**! !!  !** *!!*!!*!**! !!  !*  !!!!*!!!! !!   ! *! **! !!!*!  ! *!!!!! !!

logo

NTDB id 1130996 H0511 RS08855 WP 179974054.1   SYQELIEQQGLKSQTNIISLDKIIVDIILSEKTGFSRSQQVWYLIRQRIVDGCASVVDIDYLDVRLMPQLNCSIAENSIY   160
NTDB id 440 SMU RS09330 WP 002273717.1         SYQELVKQLQMNVKTNVIAIDKLIVDEKLTKLTGFENKGLVWRITRQRVIDGVASILDTDYLDKALIPHMTREIAEHSIY   160
consensus                                      !!!!!* !  *   !!*! *!!*!!!  !*  !!!     !! * !!!**!!*!!**! !!!!  !*!** * !!!*!!!

logo

NTDB id 1130996 H0511 RS08855 WP 179974054.1   DYLENQLHLSISHAFKEITIDNTSEQDKILIDIGKDHHVVCIRSKVYLNNGNQFQFTESRHKFETFKFVNYAKRHH.   236
NTDB id 440 SMU RS09330 WP 002273717.1         DYLENQLKLDIAYAQKIITIDQVSQKDKILLDLDSENHVVSVKSKVYLSNQQQFQFTESRHKLEKFRFVDFARRHRD   237
consensus                                      !!!!!!!*! ! *! ! !!!!* !  !!!!*!*  **!!!***!!!!! ! *!!!!!!!!!! ! !*!! *!*!!**
```

X non conserved

X similar

X $\geq$ 50% conserved