```
logo

NTDB id 1139128 DQM54 RS08035 WP 111724015.1  MKKYQQLFKLIEQDILSEKYPVGEFLPSENELTQIYKVSRDTVRKALEQLQKEGLIQKFKGQGSKIIKQEHINFPISNLT   80
NTDB id 440 SMU RS09330 WP 002273717.1        MKKYEIIFKKLEEDILKGHYQMGDYLPPEMELSQTYASSRDTVRKALQLLTKAGFIKTVQGRGSQIIKRERINFPVSQLT   80
consensus                                     !!!!  *!! *! !!!  *!**!**!!*! !!*! !  !!!!!!!!!  ! ! ! !   ! !! !!! !*!!!!*!*!!

logo

NTDB id 1139128 DQM54 RS08035 WP 111724015.1  SYQELVLQNKLDSKTNVISLEKITVDKKLAKLTGFPEYRLVWRIIRQRVVDQVASVLDIDYLDKELVPTMTREIAEHSIY   160
NTDB id 440 SMU RS09330 WP 002273717.1        SYQELVKQLQMNVKTNVIAIDKLIVDEKLTKLTGFENKGLVWRITRQRVIDGVASILDTDYLDKALIPHMTREIAEHSIY   160
consensus                                     !!!!!! !  *  !!!!! **!* !! !! !!!!!*   !!!!! !!!!*! !!!*!! !!!!! !*!*!!!!!!!!!!!

logo

NTDB id 1139128 DQM54 RS08035 WP 111724015.1  HFIENDLGLSIDYAKKEITIDHATSRDKILLDIERENHVVSVKSQVYLANGQQFQFTDSRHKLDKFRFVDFAKRHN.   236
NTDB id 440 SMU RS09330 WP 002273717.1        DYLENQLKLDIAYAQKIITIDQVSQKDKILLDLDSENHVVSVKSKVYLSNQQQFQFTESRHKLEKFRFVDFARRHRD   237
consensus                                     ***!! ! ! ! !! ! !!!!* * *!!!!!!** !!!!!!!!! !!! ! !!!!!!*!!!!!*!!!!!!!!*!! *
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X non conserved

X similar

X $\geq$ 50% conserved