```
logo

NTDB id 280917 C7J88 RS04115 WP 095117383.1  MNHYIRTIGSMLILVYAMFTVFFFIDKVFVNIIFFQGMLYKQIFGISVFLFINLVVVFFCILVGSVIAYKINQQYDWLQE   80
NTDB id 5 SA RS09760 WP 001017131.1          MNHYIRTIGSMLILVYSMLAAFLFIDKVFVNIIYFQGMFYTQIFGIPVFLFLNLIIILLCIIVGSVLAYKINQQNDWIKT   80
consensus                                    !!!!!!!!!!!!!!!! !   ! !!!!!!!!!!*!!!! ! !!!!!*!!!!*!!*!**!  !!*!!!!*!!!!!!! !!*

logo

NTDB id 280917 C7J88 RS04115 WP 095117383.1  QIERAIQGETVGINDHQIELYNETIGLYQTLVPLNQELHKLRIKTQNLTNEQYNMNDLKVKKIIEDERQRLARELHDSVS  160
NTDB id 5 SA RS09760 WP 001017131.1          QIERSMEGETVGINDQNIEIYSETLDLYHTLVPLNQELHKLRLKTQNLTNENYNINDVKVKKIIEDERQRLARELHDSVS  160
consensus                                    !!!! * !!!!!!!!**!!*! !!* !!*!!!!!!!!!!!!!!*!!!!!!!!*!!*!!*!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 280917 C7J88 RS04115 WP 095117383.1  QQLFAASLMLSAIKETELEPPLDQQIPTLEKMIQESQLEMRALLLHLRPIGLKDKTLGEGIKSLVTDLQRKVPMKVIYDI  240
NTDB id 5 SA RS09760 WP 001017131.1          QQLFAASMMLSAIKETKLEPPLDQQIPILEKMVQDSQLEMRALLLHLRPLGLKDKSLGEGIKDLVIDLQKKVPMKVVHEI  240
consensus                                    !!!!!!!*!!!!!!!! !!!!!!!!!! !!!!*!*!!!!!!!!!!!!!!!*!!!!!*!!!!!! !! !!!*!!!!!!***!

logo

NTDB id 280917 C7J88 RS04115 WP 095117383.1  DTFEVPKGIEDHLFRITQEAISNTLRHANGTQVSVELLNRDGHLLLRIQDDGIGFNPDEKMEQSYGLKNMRERATEIGAT  320
NTDB id 5 SA RS09760 WP 001017131.1          QDFKVPKGIEDHLFRITQEAISNTLRHSNGTKVTVELFNKDDYLLLRIQDNGKGFNVDEKLEQSYGLKNMRERALEIGAT  320
consensus                                      ! !!!!!!!!!!!!!!!!!!!!!!!! !!! !*!!! !*! *!!!!!!! ! !!!*!!!*!!!!!!!!!!!!! !!!!!

logo

NTDB id 280917 C7J88 RS04115 WP 095117383.1  FHIVSLPNAGTRIEVKAPLDKEGQQYDD   348
NTDB id 5 SA RS09760 WP 001017131.1          FHIVSLPDSGTRIEVKAPLNKEDSYDD.   347
consensus                                    !!!!!!!  !!!!!!!!!! !!    !*
```

X non conserved
X similar
X $\geq$ 50% conserved