```
logo

NTDB id 1055834 ACFDHP RS05690 WP 039644794.1  MNQYVRSIGSMLILVYSLFTAFFFIDNVFTNIIFFQGMFYTQIFGIPVFLFLNLITIFLCIIVGSVLAYKNNQQSDWLKA   80
NTDB id 5 SA RS09760 WP 001017131.1            MNHYIRTIGSMLILVYSMLAAFLFIDKVFVNIIYFQGMFYTQIFGIPVFLFLNLIIILLCIIVGSVLAYKINQQNDWIKT   80
consensus                                      !!*!*!*!!!!!!!!!!*  !! !!! !! !!!*!!!!!!!!!!!!!!!!!!!!! ! !!!!!!!!!!!! !!! !!*!

logo

NTDB id 1055834 ACFDHP RS05690 WP 039644794.1  QIERAIEGETVGVNDQQIEIYLETLELYEALVPLNQELHRMRLKTQNLTNESYNMNDSKVQKIIEDERHRLARELHDSVS  160
NTDB id 1055834 ACFDHP RS05690 WP 039644794.1  QIERSMEGETVGINDQNIEIYSETLDLYHTLVPLNQELHKLRLKTQNLTNENYNINDVKVKKIIEDERQRLARELHDSVS  160
consensus                                      !!!! *!!!!!!*!!!*!!!! !!!*!!* !!!!!!!!!**!*!!!!!!!! !!*!! !! !!!!!!!*!!!!!!!!!!!!

logo

NTDB id 1055834 ACFDHP RS05690 WP 039644794.1  QQLFAASMMLSAIKETPLDPPLNQQIPTLEKMVQDSQLEMRALLLHLRPIGLKDKSLGEGIQTLVSDLQRKVPLKVVQDI  240
NTDB id 5 SA RS09760 WP 001017131.1            QQLFAASMMLSAIKETKLEPPLDQQIPILEKMVQDSQLEMRALLLHLRPLGLKDKSLGEGIKDLVIDLQKKVPMKVVHEI  240
consensus                                      !!!!!!!!!!!!!!!!!*!*!!! !!!! !!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!  !! !!!*!!!*!!!**!

logo

NTDB id 1055834 ACFDHP RS05690 WP 039644794.1  GEFDVPKGMEDHLFRITQEAISNTLRHSKGTEVTVELLQREDYILLRIQDDGIGFNVDEKMEQSYGLKNMRERAMEIGAT  320
NTDB id 5 SA RS09760 WP 001017131.1            QDFKVPKGIEDHLFRITQEAISNTLRHSNGTKVTVELFNKDDYLLLRIQDNGKGFNVDEKLEQSYGLKNMRERALEIGAT  320
consensus                                       *! !!!!*!!!!!!!!!!!!!!!!!!!! !! !!!!! ***!!*!!!!!! ! !!!!!!!*!!!!!!!!!!!!!!*!!!!!

logo

NTDB id 1055834 ACFDHP RS05690 WP 039644794.1  FHIVSLPDSGTRIEVKAPLDKEGHNDN   347
NTDB id 5 SA RS09760 WP 001017131.1            FHIVSLPDSGTRIEVKAPLNKEDSYDD   347
consensus                                      !!!!!!!!!!!!!!!!!!! !! * !
```

X non conserved
X similar
X ≥ 50% conserved