```
logo

NTDB id 124023 SHYC RS04300 WP 039644794.1  MNQYVRSIGSMLILVYSLFTAFFFIDNVFTNIIFFQGMFYTQIFGIPVFLFLNLITIFLCIIVGSVLAYKNNQQSDWLKAQIERA   85
NTDB id 5 SA RS09760 WP 001017131.1         MNHYIRTIGSMLILVYSMLAAFLFIDKVFVNIIYFQGMFYTQIFGIPVFLFLNLIIILLCIIVGSVLAYKINQQNDWIKTQIERS   85
consensus                                   !!*!*!*!!!!!!!!!!*  !! !!! !! !!!*!!!!!!!!!!!!!!!!!!!! ! !!!!!!!!!!!! !!! !!*! !!!!

logo

NTDB id 124023 SHYC RS04300 WP 039644794.1  IEGETVGVNDQQIEIYLETLELYEALVPLNQELHRMRIKTQNLTNESYNMNDSKVQKIIEDERHRLARELHDSVSQQLFAASMML  170
NTDB id 5 SA RS09760 WP 001017131.1         MEGETVGINDQNIEIYSETLDLYHTLVPLNQELHKLRLKTQNLTNENYNINDVKVKKIIEDERQRLARELHDSVSQQLFAASMML  170
consensus                                   *!!!!!!*!!!*!!!! !!!*!!* !!!!!!!!!**!*!!!!!!!! !!*!! !! !!!!!!!*!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 124023 SHYC RS04300 WP 039644794.1  SAIKETPLDPPLNQQIPTLEKMVQDSQLEMRALLLHLRPIGLKDKSLGEGIQTLVSDLQRKVPLKVVQDIGEFDVPKGMEDHLFR  255
NTDB id 5 SA RS09760 WP 001017131.1         SAIKETKLEPPLDQQIPILEKMVQDSQLEMRALLLHLRPLGLKDKSLGEGIKDLVIDLQKKVPMKVVHEIQDFKVPKGIEDHLFR  255
consensus                                   !!!!!!*!*!!! !!!! !!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!  !! !!!*!!!*!!!**! *! !!!!*!!!!!!

logo

NTDB id 124023 SHYC RS04300 WP 039644794.1  ITQEAISNTLRHSKGTEVTVELLQREDYILLRIQDDGIGFNVDEKMEQSYGLKNMRERAMEIGATFHIVSLPDSGTRIEVKAPLD  340
NTDB id 5 SA RS09760 WP 001017131.1         ITQEAISNTLRHSNGTKVTVELFNKDDYLLLRIQDNGKGFNVDEKLEQSYGLKNMRERALEIGATFHIVSLPDSGTRIEVKAPLN  340
consensus                                   !!!!!!!!!!!!! !! !!!!! ***!!*!!!!!! ! !!!!!!!*!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 124023 SHYC RS04300 WP 039644794.1  KEGHNDN   347
NTDB id 5 SA RS09760 WP 001017131.1         KEDSYDD   347
consensus                                   !! * !
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X non conserved

X similar

X $\geq$ 50% conserved