```
logo

NTDB id 1119434 EL101 RS04505 WP 019166463.1  MNHYVRAIGSMLILVYSMLTAFFFIDKVFTNIIFFQGMFYTQILGIPVFIFLNLVVIFLCIIVGSVLAYKINQQNDWVKQ   80
NTDB id 5 SA RS09760 WP 001017131.1           MNHYIRTIGSMLILVYSMLAAFLFIDKVFVNIIYFQGMFYTQIFGIPVFLFLNLIIILLCIIVGSVLAYKINQQNDWIKT   80
consensus                                     !!!!*! !!!!!!!!!!!! !! !!!!!! !!!*!!!!!!!!! !!!!!*!!!!**! !!!!!!!!!!!!!!!!!!!*!

logo

NTDB id 1119434 EL101 RS04505 WP 019166463.1  QIVRAFEGETVGINDQQLELYNETIELYQALVPLNQELHKMRIKTQNLTNETYNLNDLKVKKIIEDERQRLARELHDSVS  160
NTDB id 5 SA RS09760 WP 001017131.1           QIERSMEGETVGINDQNIEIYSETLDLYHTLVPLNQELHKLRLKTQNLTNENYNINDVKVKKIIEDERQRLARELHDSVS  160
consensus                                     !! !  !!!!!!!!!!**!*! !!**!!* !!!!!!!!!!!*!*!!!!!!!! !!*!!*!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1119434 EL101 RS04505 WP 019166463.1  QQLFAASMMLSAIKETDLAPPLDQQIPTLEKMVQDSQLEMRALLLHLRPIGLKDKSLGEGIKSLVTDLQRKVPIKVVQEI  240
NTDB id 5 SA RS09760 WP 001017131.1           QQLFAASMMLSAIKETKLEPPLDQQIPILEKMVQDSQLEMRALLLHLRPLGLKDKSLGEGIKDLVIDLQKKVPMKVVHEI  240
consensus                                     !!!!!!!!!!!!!!!!! ! !!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1119434 EL101 RS04505 WP 019166463.1  DEFEVPKGIEDHLFRITQEAISNTLRHAEGTQVTVELLNRNDYLLLRIQDDGIGFNVDDKLEQSYGLKNMRERAIEIGAT  320
NTDB id 5 SA RS09760 WP 001017131.1           QDFKVPKGIEDHLFRITQEAISNTLRHSNGTKVTVELFNKDDYLLLRIQDNGKGFNVDEKLEQSYGLKNMRERALEIGAT  320
consensus                                      *! !!!!!!!!!!!!!!!!!!!!!!!!!!  !! !!!!! !* !!!!!!!!! ! !!!!!*!!!!!!!!!!!!!!!!!*!!!!!

logo

NTDB id 1119434 EL101 RS04505 WP 019166463.1  FHIVSLPDAGTRIEVKAPLEKEEQHDN   347
NTDB id 5 SA RS09760 WP 001017131.1           FHIVSLPDSGTRIEVKAPLNKEDSYDD   347
consensus                                     !!!!!!!! !!!!!!!!!!! !!* *!
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X non conserved

X similar

X ≥ 50% conserved