```
logo

NTDB id 121520 ayp1020 RS05705 WP 002435929.1  MNHYLRAIGSMLILVYSMLTAFLFIDKVFVNIIYFQGMFYTQIFGIPVFLFLNILIILLCIIVGSVLAYKINQQNDWLKS   80
NTDB id 5 SA RS09760 WP 001017131.1            MNHYIRTIGSMLILVYSMLAAFLFIDKVFVNIIYFQGMFYTQIFGIPVFLFLNLIIILLCIIVGSVLAYKINQQNDWIKT   80
consensus                                      !!!!*! !!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!**!!!!!!!!!!!!!!!!!!!!!!*!*

logo

NTDB id 121520 ayp1020 RS05705 WP 002435929.1  QIERSIEGETVGINDQNLELYSETLEIYHTLVPLNQELHRLRMKTQNMTNENYNMNDVKVKKIIEDERQRLARELHDSVS  160
NTDB id 5 SA RS09760 WP 001017131.1            QIERSMEGETVGINDQNIEIYSETLDLYHTLVPLNQELHKLRLKTQNLTNENYNINDVKVKKIIEDERQRLARELHDSVS  160
consensus                                      !!!!!*!!!!!!!!!!!!*!*!!!!!**!!!!!!!!!!!!!*!!*!!!!*!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 121520 ayp1020 RS05705 WP 002435929.1  QQLFAASMMLSAIKESKLEPPLDQQIPVLEKMVQDSQLEMRALLLHLRPIGLKDKSLGEGIKDLVIDLQKKVPMKVVHEI  240
NTDB id 5 SA RS09760 WP 001017131.1            QQLFAASMMLSAIKETKLEPPLDQQIPILEKMVQDSQLEMRALLLHLRPLGLKDKSLGEGIKDLVIDLQKKVPMKVVHEI  240
consensus                                      !!!!!!!!!!!!!!!!*!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 121520 ayp1020 RS05705 WP 002435929.1  QDFKVPKGIEDHLFRITQEAISNTLRHSNGSKVTVELFNKEDYLLLRIQDNGKGFNVDEKFEQSYGLKNMRERALEIGAT  320
NTDB id 5 SA RS09760 WP 001017131.1            QDFKVPKGIEDHLFRITQEAISNTLRHSNGTKVTVELFNKDDYLLLRIQDNGKGFNVDEKLEQSYGLKNMRERALEIGAT  320
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!

logo

NTDB id 121520 ayp1020 RS05705 WP 002435929.1  FHIVSLPDSGTRIEVKAPLNKEDESNGD   348
NTDB id 5 SA RS09760 WP 001017131.1            FHIVSLPDSGTRIEVKAPLNKEDSYDD.   347
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!    *
```

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