```
logo

NTDB id 231825 CCD81 RS03085 WP 002259883.1  MRRKMLNVPKGSYDGMKGFTIIEFLVAGMLSMIVLMAVGSSYFTSRKLNDAANERLAIQQDLRNAATLIVRDARMAGSFG   80
NTDB id 1138 NGFG RS02430 WP 003694978.1     MKRKMLNVPKGGYDGMKGFTIVEFLVAGLLSVIVLIAVVSSYFTSRKLNDAANERLAEQQDLRNAATLIVRDARMAGSFG   80
consensus                                    !*!!!!!!!!! !!!!!!!!!*!!!!!!*!!*!!!*!! !!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 231825 CCD81 RS03085 WP 002259883.1  CFNMSEHIEQDVVSDVTQKDSLFSLKRNSTRNSTNKLIPIAESSNIGYQGFIQRLNALIFQYGIDDVNASADTTVVSSCA  160
NTDB id 1138 NGFG RS02430 WP 003694978.1     CFNMSEHIGNDVVFNVAQKNALFSLKRNST.NSTNKLIPITESPNINYQNFFQVSSALIFQYGIDDVDASADTTVVSSCA  159
consensus                                    !!!!!!!! *!!!  ! !!  !!!!!!!!!*!!!!!!!!! !!*!! !! ! !   !!!!!!!!!!! !!!!!!!!!!!!

logo

NTDB id 231825 CCD81 RS03085 WP 002259883.1  AISKPGKQILNLEDVKKELKIVSQDKERNGNIARQRHVVNAYAVGRIAGEEGLFRFQLNEKGEWGNPQLLVKKINKMDIR  240
NTDB id 1138 NGFG RS02430 WP 003694978.1     AISKPGKQIPTLENAKKELKIQNSDKEQNGNIARQRHVVNAYAVGKIAGEEGLFRFQLDDKGKWGNPQLLAKKVKRMRVR  239
consensus                                    !!!!!!!!!* !!  !!!!!!   !!! !!!!!!!!!!!!!!!!!*!!!!!!!!!!!! *!! !!!!!!! !!* *! *!

logo

NTDB id 231825 CCD81 RS03085 WP 002259883.1  YIYVSGCPEDDDAGKEETFRYTDKFNSAQDAVTPAGVEVLLSSGTDTKIAASSDNHIYAYRIDATIRGGNVCANRTL  317
NTDB id 1138 NGFG RS02430 WP 003694978.1     YIYVSGCPEDEDAGKEEQFKYTDKFDS...SVTPAGVEVLLDSGSDAKIAASSDNIIYAYRINATIRGGNVCANRTL  313
consensus                                    !!!!!!!!!!*!!!!!! !*!!!!! !*** !!!!!!!!!! !!*! !!!!!!!!*!!!!!! !!!!!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved