```
logo

NTDB id 317189 D7D53 RS03900 WP 120770195.1  MSETGFKYSILASGSSGNSFYLETPKKKLLVDAGLSGKKITSLLAEINRKPEDLDAILITHEHSDHIHGVGVLARKYGMD   80
NTDB id 383 SMU RS06875 WP 002262928.1       MTETGFRYSILASGSSGNSFYLETPQKRILIDAGLSGKKISQLMAEIDRKVDDVDAILVTHEHKDHIHGVGVLARKYGLD   80
consensus                                    !*!!!!*!!!!!!!!!!!!!!!!!! !**!*!!!!!!!!!* !*!!! !!**!*!!!!*!!!! !!!!!!!!!!!!!!*!

logo

NTDB id 317189 D7D53 RS03900 WP 120770195.1  LYANEKTWQAMENSKYLGKVDFSQKHIFEMGKTKTFGDIDIESFGVSHDAVAPQFYRFMKDDKSFVMLTDTGYVSDRMAG  160
NTDB id 383 SMU RS06875 WP 002262928.1       VYANAATWQAMDG..MIGKIDVSQKHIFDLGKTITFGDIDIESFGVSHDAAQPQFYRLMKDGKSFVILTDTGYVSDRMAD  158
consensus                                    *!!!  !!!!!* ** *!!*! !!!!!!**!!! !!!!!!!!!!!!!!!!  !!!!! !!! !!!!*!!!!!!!!!!!!

logo

NTDB id 317189 D7D53 RS03900 WP 120770195.1  IVENADGYLIESNHDVEILRAGSYAWRLKQRILSDLGHLSNEDGAEAMIRTLGNRTKKIYLGHLSKENNIKELAHMTMVN  240
NTDB id 383 SMU RS06875 WP 002262928.1       LIENADGYLIESNHDIEILRSGIYPWSLKQRILSDKGHLSNDDGAETMVRTLGNKTKKIYLGHLSKENNVKELAHMTMKN  238
consensus                                    **!!!!!!!!!!!!!*!!!! ! !*! !!!!!!!! !!!!!*!!!! !*!!!!!*!!!!!!!!!!!!!!!*!!!!!!!! !

logo

NTDB id 317189 D7D53 RS03900 WP 120770195.1  QLAQADLGVGVDFKVYDTSPDTATPLTDI  269
NTDB id 383 SMU RS06875 WP 002262928.1       ALMQADLAVDHDFKIYDTSPDTALPLAKI  267
consensus                                     ! !!!!*! *!!!*!!!!!!!! !!   !
```

X non conserved

X similar

X ≥ 50% conserved