```
logo

NTDB id 1111457 ACN076 RS07170 WP 000004964.1  MSETGFKYSILASGSSGNSFYLETPKKKLLVDAGLSGKKITSLLAEINRKPEDLDAILITHEHSDHIHGVGVLARKYGMD   80
NTDB id 383 SMU RS06875 WP 002262928.1         MTETGFRYSILASGSSGNSFYLETPQKRILIDAGLSGKKISQLMAEIDRKVDDVDAILVTHEHKDHIHGVGVLARKYGLD   80
consensus                                      !*!!!!*!!!!!!!!!!!!!!!!!! !**!*!!!!!!!!!* !*!!! !!**!*!!!!*!!!! !!!!!!!!!!!!!!*!

logo

NTDB id 1111457 ACN076 RS07170 WP 000004964.1  LYANEKTWQAMENSKYLGKVDSSQKHIFEMGKTKTFGDIDIESFGVSHDAVAPQFYRFMKDDKSFVMLTDTGYVSDRMAG  160
NTDB id 383 SMU RS06875 WP 002262928.1         VYANAATWQAMDG..MIGKIDVSQKHIFDLGKTITFGDIDIESFGVSHDAAQPQFYRLMKDGKSFVILTDTGYVSDRMAD  158
consensus                                      *!!!  !!!!!* ** *!!*! !!!!!!**!!! !!!!!!!!!!!!!!!!  !!!!! !!! !!!!*!!!!!!!!!!!!

logo

NTDB id 1111457 ACN076 RS07170 WP 000004964.1  IVENADGYLIESNHDVEILRAGSYAWRLKQRILSDLGHLSNEDGAEAMIRTLGNRTKKIYLGHLSKENNIKELAHMTMVN  240
NTDB id 383 SMU RS06875 WP 002262928.1         LIENADGYLIESNHDIEILRSGIYPWSLKQRILSDKGHLSNDDGAETMVRTLGNKTKKIYLGHLSKENNVKELAHMTMKN  238
consensus                                      **!!!!!!!!!!!!!!*!!!! ! !*! !!!!!!!! !!!!!*!!!! !*!!!!!!*!!!!!!!!!!!!!!!!*!!!!!!!! !

logo

NTDB id 1111457 ACN076 RS07170 WP 000004964.1  QLAQADLGVGVDFKVYDTSPDTATPLTDI  269
NTDB id 383 SMU RS06875 WP 002262928.1         ALMQADLAVDHDFKIYDTSPDTALPLAKI  267
consensus                                       ! !!!!*! *!!!*!!!!!!!! !!  !
```

X non conserved

X similar

X ≥ 50% conserved