```
logo

NTDB id 49318 SPNINV200 RS05415 WP 001289493.1  MSEIGFKYSILASGSSGNSFYLETSKKKLLVDAGLSGKKITSLLAEINRKPEDLDAILITHEHSDHIHGVGVLARKYGMD   80
NTDB id 383 SMU RS06875 WP 002262928.1          MTETGFRYSILASGSSGNSFYLETPQKRILIDAGLSGKKISQLMAEIDRKVDDVDAILVTHEHKDHIHGVGVLARKYGLD   80
consensus                                       !*! !!*!!!!!!!!!!!!!!!!!* !**!*!!!!!!!!!* !*!!! !!**!*!!!!*!!!! !!!!!!!!!!!!!!*!

logo

NTDB id 49318 SPNINV200 RS05415 WP 001289493.1  LYANEKTWQAMENSKYLGKVDSSQKHIFEMGKTKTFGDIDIESFGVSHDAVAPQFYRFMKDDKSFVLLTDTGYVSDRMAG  160
NTDB id 383 SMU RS06875 WP 002262928.1          VYANAATWQAMDG..MIGKIDVSQKHIFDLGKTITFGDIDIESFGVSHDAAQPQFYRLMKDGKSFVILTDTGYVSDRMAD  158
consensus                                       *!!!  !!!!!* ** *!!*! !!!!!!**!!! !!!!!!!!!!!!!!!!  !!!!! !!! !!!!*!!!!!!!!!!!!

logo

NTDB id 49318 SPNINV200 RS05415 WP 001289493.1  IVENADGYLIEANHDVEILRSGGSYAWRLKQRILSDLGHLSNEDGAEAMIRTLGNRTKKIYLGHLSKENNIKELAHMTMVN  240
NTDB id 383 SMU RS06875 WP 002262928.1          LIENADGYLIESNHDIEILRSGIYPWSLKQRILSDKGHLSNDDGAETMVRTLGNKTKKIYLGHLSKENNVKELAHMTMKN  238
consensus                                       **!!!!!!!!! !!!*!!!!!! !*! !!!!!!!! !!!!!*!!!! !*!!!!!*!!!!!!!!!!!!!!!*!!!!!!!! !

logo

NTDB id 49318 SPNINV200 RS05415 WP 001289493.1  QLAQADLGVGVDFKVYDTSPDTATPLTEI   269
NTDB id 383 SMU RS06875 WP 002262928.1          ALMQADLAVDHDFKIYDTSPDTALPLAKI   267
consensus                                        ! !!!!*! *!!!*!!!!!!!! !!  !
```

X non conserved

X similar

X $\geq$ 50% conserved