logo

```
NTDB id 30556 MGAS1882 RS02235 WP 002985641.1  MNESGFKYSILASGSTGNCFYLETPKKRLLIDAGLTGKKITSLLAEIDRKPEDLDAILITHEHSDHIKGVGVMARKYHLD  80
NTDB id 383 SMU RS06875 WP 002262928.1         MTETGFRYSILASGSSGNSFYLETPQKRILIDAGLSGKKISQLMAEIDRKVDDVDAILVTHEHKDHIHGVGVLARKYGLD  80
consensus                                      ! !*!!*!!!!!!!!!*!!*!!!!!! !!*!!!!!!*!!!!* !*!!!!!**!*!!!!*!!!! !!!*!!!!*!!!!*!!
```

logo

```
NTDB id 30556 MGAS1882 RS02235 WP 002985641.1  IYANEKTWQLMDECNMLGKLDASQKHIFQRDKVLTFGDVDIESFGVSHDAIDPQFYRIMKDNKSFVMLTDTGYVSDRMTG  160
NTDB id 383 SMU RS06875 WP 002262928.1         VYANAATWQAMD..GMIGKIDVSQKHIFDLGKTITFGDIDIESFGVSHDAAQPQFYRLMKDGKSFVILTDTGYVSDRMAD  158
consensus                                      *!!!  !!! !!** !*!!*! !!!!!!   ! *!!!!*!!!!!!!!!!!  !!!!!*!!! !!!!*!!!!!!!!!!!
```

logo

```
NTDB id 30556 MGAS1882 RS02235 WP 002985641.1  IIENADGYLIESNHDIEILRSGSYPWSLKQRILSDLGHLSNEDGAGAMIRSLGYNTKKIYLGHLSKENNIKELAHMTMVN  240
NTDB id 383 SMU RS06875 WP 002262928.1         LIENADGYLIESNHDIEILRSGIYPWSLKQRILSDKGHLSNDDGAETMVRTLGNKTKKIYLGHLSKENNVKELAHMTMKN  238
consensus                                      *!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!! !!!!!*!!!  !*!*!!  !!!!!!!!!!!!!!!*!!!!!!!! !
```

logo

```
NTDB id 30556 MGAS1882 RS02235 WP 002985641.1  QLAMADLAVGTDFTVHDTSPDTACPLTDI  269
NTDB id 383 SMU RS06875 WP 002262928.1         ALMQADLAVDHDFKIYDTSPDTALPLAKI  267
consensus                                       !  !!!!! *!! **!!!!!!!*!!  !
```

X non conserved

X similar

X ≥ 50% conserved