```
logo

NTDB id 1138520 DQM53 RS03445 WP 003059746.1  MIESGFKYSILASGSTGNCFYLETPKKRLLIDAGLTGKKITSLLAEIDRKPEDLDAILITHEHSDHIKGVGVMARKYHLD   80
NTDB id 383 SMU RS06875 WP 002262928.1        MTETGFRYSILASGSSGNSFYLETPQKRILIDAGLSGKKISQLMAEIDRKVDDVDAILVTHEHKDHIHGVGVLARKYGLD   80
consensus                                     ! !*!!*!!!!!!!!*!!*!!!!!! !!*!!!!!!*!!!!* !*!!!!!**!*!!!!*!!!! !!!*!!!!*!!!!*!!

logo

NTDB id 1138520 DQM53 RS03445 WP 003059746.1  VYANEKTWQLMDERNMLGKLDASQKHIFQRDKMLTFGDVDIESFGVSHDAVDPQFYRIMKDNKSFVMLTDTGYVSDRMTG  160
NTDB id 383 SMU RS06875 WP 002262928.1        VYANAATWQAMD..GMIGKIDVSQKHIFDLGKTITFGDIDIESFGVSHDAAQPQFYRLMKDGKSFVILTDTGYVSDRMAD  158
consensus                                     !!!!  !!! !!** !*!!*! !!!!!!   ! *!!!!*!!!!!!!!!!!  !!!!!*!!! !!!!*!!!!!!!!!!!

logo

NTDB id 1138520 DQM53 RS03445 WP 003059746.1  IIENADGYLIESNHDIEILRSGSYPWSLKQRILSDMGHLSNEDGAGAMIRSLGHKTKKIYLGHLSKENNIKELAHMTMVN  240
NTDB id 383 SMU RS06875 WP 002262928.1        LIENADGYLIESNHDIEILRSGIYPWSLKQRILSDKGHLSNDDGAETMVRTLGNKTKKIYLGHLSKENNVKELAHMTMKN  238
consensus                                     *!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!! !!!!!*!!!  !*!*!!*!!!!!!!!!!!!!!!!!*!!!!!!!! !

logo

NTDB id 1138520 DQM53 RS03445 WP 003059746.1  QLAMADLAVGTDFTVHDTSPDTACPLTDI  269
NTDB id 383 SMU RS06875 WP 002262928.1        ALMQADLAVDHDFKIYDTSPDTALPLAKI  267
consensus                                      !  !!!!! *!! **!!!!!!!*!!  !
```

X non conserved

X similar

X $\geq$ 50% conserved