```
logo

NTDB id 1159602 QOR59 RS03780 WP 001289499.1  MSEIGFKYSILASGSTGNCFYIETPQKRLLIDAGLTGKKVTSLLAEINRKPEDLDAILVTHEHSDHIKGVGVLARKYHLD   80
NTDB id 383 SMU RS06875 WP 002262928.1        MTETGFRYSILASGSSGNSFYLETPQKRILIDAGLSGKKISQLMAEIDRKVDDVDAILVTHEHKDHIHGVGVLARKYGLD   80
consensus                                     !*! !!*!!!!!!!!*!!*!!*!!!!!!*!!!!!!*!!!** !*!!! !!**!*!!!!!!!!! !!!*!!!!!!!!!*!!

logo

NTDB id 1159602 QOR59 RS03780 WP 001289499.1  IYANEQTWKVMDERNMLGKVDVSQKHVFGRGTTLTFGDLDIESFGVSHDAVDPQFYRMMKDDKSFVMLTDTGYVSDRMAS   160
NTDB id 383 SMU RS06875 WP 002262928.1        VYANAATWQAMD..GMIGKIDVSQKHIFDLGKTITFGDIDIESFGVSHDAAQPQFYRLMKDGKSFVILTDTGYVSDRMAD   158
consensus                                     *!!!  !!  !!** !*!!*!!!!!!*!  ! !*!!!!*!!!!!!!!!!!  !!!!!*!!! !!!!*!!!!!!!!!!!!!

logo

NTDB id 1159602 QOR59 RS03780 WP 001289499.1  LIENADGYLIESNHDIEILRSGSYPWTLKQRILSDKGHLSNEDGSETMIRTIGNRTKHIYLGHLSKENNIKELAHMTMEN   240
NTDB id 383 SMU RS06875 WP 002262928.1        LIENADGYLIESNHDIEILRSGIYPWSLKQRILSDKGHLSNDDGAETMVRTLGNKTKKIYLGHLSKENNVKELAHMTMKN   238
consensus                                     !!!!!!!!!!!!!!!!!!!!!!! !!!*!!!!!!!!!!!!!!!*!! !!!*!!*!!*!!*!!!!!!!!!!!!*!!!!!!!! !

logo

NTDB id 1159602 QOR59 RS03780 WP 001289499.1  NLMRADFGVGTDFSVHDTSPDSATPLTRI   269
NTDB id 383 SMU RS06875 WP 002262928.1        ALMQADLAVDHDFKIYDTSPDTALPLAKI   267
consensus                                      !! !! *! *!! **!!!!!*! !! *!
```

X non conserved

X similar

X $\geq$ 50% conserved