```
logo

NTDB id 233190 CDH83 RS02670 WP 001289497.1  MSEIGFKYSILASGSTGNCFYIETPQKRLLIDAGLTGKKVTSLLAEINRKPEDLDAILVTHEHSDHIKGVGVLARKYHLD   80
NTDB id 383 SMU RS06875 WP 002262928.1       MTETGFRYSILASGSSGNSFYLETPQKRILIDAGLSGKKISQLMAEIDRKVDDVDAILVTHEHKDHIHGVGVLARKYGLD   80
consensus                                    !*! !!*!!!!!!!!*!!*!!*!!!!!!*!!!!!!*!!!** !*!!! !!**!*!!!!!!!!! !!!*!!!!!!!!!*!!

logo

NTDB id 233190 CDH83 RS02670 WP 001289497.1  IYANEQTWKVMDERNMLGKVDVSQKHVFGRGKTLTFGDLDIESFGVSHDAVDPQFYRMMKDDKSFVMLTDTGYVSDRMAG  160
NTDB id 383 SMU RS06875 WP 002262928.1       VYANAATWQAMD..GMIGKIDVSQKHIFDLGKTITFGDIDIESFGVSHDAAQPQFYRLMKDGKSFVILTDTGYVSDRMAD  158
consensus                                    *!!!  !!  !!** !*!!*!!!!!!*!  !!!*!!!!*!!!!!!!!!!!!  !!!!!*!!! !!!!*!!!!!!!!!!!!!

logo

NTDB id 233190 CDH83 RS02670 WP 001289497.1  LIENADGYLIESNHDIEILRSGSYPWTLKQRILSDKGHLSNEDGSETMYRTLGNRTKKIYLGHLSKENNYKELAHMTMEN  240
NTDB id 383 SMU RS06875 WP 002262928.1       LIENADGYLIESNHDIEILRSGIYPWSLKQRILSDKGHLSNDDGAETMVRTLGNKTKKIYLGHLSKENNVKELAHMTMKN  238
consensus                                    !!!!!!!!!!!!!!!!!!!!!!! !!!*!!!!!!!!!!!!!!!*!! !!!*!!*!!*!!*!!!!!!!!!!!*!!!!!!!! !

logo

NTDB id 233190 CDH83 RS02670 WP 001289497.1  NLMRADFGVGTDFSVHDTSPDSATPLTRI  269
NTDB id 383 SMU RS06875 WP 002262928.1       ALMQADLAVDHDFKIYDTSPDTALPLAKI  267
consensus                                     !! !! *! *!! **!!!!!*! !! *!
```

X non conserved

X similar

X ≥ 50% conserved