```
logo

NTDB id 977257 MGAS37850 RS02415 WP 002985641.1  MNESGFKYSILASGSTGNCFYLETPKKRLLIDAGLTGKKITSLLAEIDRKPEDLDAILITHEHSDHIKGVGVMARKYHLD   80
NTDB id 383 SMU RS06875 WP 002262928.1           MTETGFRYSILASGSSGNSFYLETPQKRILIDAGLSGKKISQLMAEIDRKVDDVDAILVTHEHKDHIHGVGVLARKYGLD   80
consensus                                        ! !*!!*!!!!!!!!!*!!*!!!!!! !!*!!!!!!*!!!!* !*!!!!!**!*!!!!*!!!! !!!*!!!!*!!!!*!!

logo

NTDB id 977257 MGAS37850 RS02415 WP 002985641.1  IYANEKTWQLMDECNMLGKLDASQKHIFQRDKVLTFGDVDIESFGVSHDAIDPQFYRIMKDNKSFVMLTDTGYVSDRMTG   160
NTDB id 383 SMU RS06875 WP 002262928.1           VYANAATWQAMD..GMIGKIDVSQKHIFDLGKTITFGDIDIESFGVSHDAAQPQFYRLMKDGKSFVILTDTGYVSDRMAD   158
consensus                                        *!!!  !!! !!** !*!!*! !!!!!!   ! *!!!!*!!!!!!!!!!!  !!!!!*!!! !!!!*!!!!!!!!!!!

logo

NTDB id 977257 MGAS37850 RS02415 WP 002985641.1  IIENADGYLIESNHDIEILRSGSYPWSLKQRILSDLGHLSNEDGAGAMIRSLGYNTKKIYLGHLSKENNIKELAHMTMVN   240
NTDB id 383 SMU RS06875 WP 002262928.1           LIENADGYLIESNHDIEILRSGIYPWSLKQRILSDKGHLSNDDGAETMVRTLGNKTKKIYLGHLSKENNVKELAHMTMKN   238
consensus                                        *!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!! !!!!!*!!!  !*!*!!  !!!!!!!!!!!!!!!*!!!!!!!! !

logo

NTDB id 977257 MGAS37850 RS02415 WP 002985641.1  QLAMADLAVGTDFTVHDTSPDTACPLTDI   269
NTDB id 383 SMU RS06875 WP 002262928.1           ALMQADLAVDHDFKIYDTSPDTALPLAKI   267
consensus                                         !   !!!!! *!! **!!!!!!!*!!  !
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X non conserved

X similar

X ≥ 50% conserved