```
logo

NTDB id 51328 Y1U RS04025 WP 011681204.1  MTSELGFKYSILASGSTGNSFYLETPEKKILVDAGLSGKKITSLLAEIDRDPSDLDAILVTHEHKDHIHGVGVLARKYGMDIYAN   85
NTDB id 383 SMU RS06875 WP 002262928.1    .MTETGFRYSILASGSSGNSFYLETPQKRILIDAGLSGKKISQLMAEIDRKVDDVDAILVTHEHKDHIHGVGVLARKYGLDVYAN   84
consensus                                 * *! !!*!!!!!!!!*!!!!!!!!! !*!!*!!!!!!!!* !*!!!!! * !*!!!!!!!!!!!!!!!!!!!!!!!!!!*!*!!!

logo

NTDB id 51328 Y1U RS04025 WP 011681204.1  EKTWQIMDSKNMLGKVDNSQKHIFSRGKLLTFGDIDIESFGVSHDAIDPQFYRFMKDGKSFVMLTDTGYVSDRMAGLIENADGYL   170
NTDB id 383 SMU RS06875 WP 002262928.1    AATWQAMD..GMIGKIDVSQKHIFDLGKTITFGDIDIESFGVSHDAAQPQFYRLMKDGKSFVILTDTGYVSDRMADLIENADGYL   167
consensus                                   !!! !!** !*!!*! !!!!!!  !! *!!!!!!!!!!!!!!!!  !!!!! !!!!!!!!*!!!!!!!!!!!! !!!!!!!!!

logo

NTDB id 51328 Y1U RS04025 WP 011681204.1  IESNHDIEILRAGSYPWSTKQRILSDQGHLCNEDGADAMIRTIGNKTKKIYLGHLSKENNIKELAYMTMENQLARADFGVGTDFK   255
NTDB id 383 SMU RS06875 WP 002262928.1    IESNHDIEILRSGIYPWSLKQRILSDKGHLSNDDGAETMVRTLGNKTKKIYLGHLSKENNVKELAHMTMKNALMQADLAVDHDFK   252
consensus                                 !!!!!!!!!!! ! !!!! !!!!!!! !!!*!*!!!* !*!!*!!!!!!!!!!!!!!!!!!*!!!!*!!! ! !  !! *! *!!!

logo

NTDB id 51328 Y1U RS04025 WP 011681204.1  IFGTSPDTATPLTDI   270
NTDB id 383 SMU RS06875 WP 002262928.1    IYDTSPDTALPLAKI   267
consensus                                 !* !!!!!! !!  !
```

X non conserved

X similar

X $\geq$ 50% conserved