logo



```
NTDB id 22122 M28 RS02345 WP 002985641.1  MNESGFKYSILASGSTGNCFYLETPKKRLLIDAGLTGKKITSLLAEIDRKPEDLDAILITHEHSDHIKGVGVMARKYHLDIYANE  85
NTDB id 383 SMU RS06875 WP 002262928.1    MTETGFRYSILASGSSGNSFYLETPQKRILIDAGLSGKKISQLMAEIDRKVDDVDAILVTHEHKDHIHGVGVLARKYGLDVYANA  85
consensus                                 ! !*!!*!!!!!!!!*!!*!!!!!! !!*!!!!!!*!!!!* !*!!!!!**!*!!!!*!!!! !!!*!!!!*!!!!*!!*!!!
```

logo



```
NTDB id 22122 M28 RS02345 WP 002985641.1  KTWQLMDECNMLGKLDASQKHIFQRDKVLTFGDVDIESFGVSHDAIDPQFYRIMKDNKSFVMLTDTGYVSDRMTGIIENADGYLI  170
NTDB id 383 SMU RS06875 WP 002262928.1    ATWQAMD..GMIGKIDVSQKHIFDLGKTITFGDIDIESFGVSHDAAQPQFYRLMKDGKSFVILTDTGYVSDRMADLIENADGYLI  168
consensus                                  !!! !!** !*!!*! !!!!!!   ! *!!!!*!!!!!!!!!!!  !!!!!*!!! !!!!*!!!!!!!!!!!  *!!!!!!!!!
```

logo



```
NTDB id 22122 M28 RS02345 WP 002985641.1  ESNHDIEILRSGSYPWSLKQRILSDLGHLSNEDGAGAMIRSLGYNTKKIYLGHLSKENNIKELAHMTMVNQLAMADLAVGTDFTV  255
NTDB id 383 SMU RS06875 WP 002262928.1    ESNHDIEILRSGIYPWSLKQRILSDKGHLSNDDGAETMVRTLGNKTKKIYLGHLSKENNVKELAHMTMKNALMQADLAVDHDFKI  253
consensus                                 !!!!!!!!!!!!! !!!!!!!!!!!!! !!!!!*!!!  !*!*!!  !!!!!!!!!!!!!!!*!!!!!!!! ! !  !!!!! *!! *
```

logo



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NTDB id 22122 M28 RS02345 WP 002985641.1  HDTSPDTACPLTDI  269
NTDB id 383 SMU RS06875 WP 002262928.1    YDTSPDTALPLAKI  267
consensus                                 *!!!!!!!*!!  !
```

X non conserved

X similar

X ≥ 50% conserved