```
logo

NTDB id 291941 DIC78 RS01310 WP 127695237.1  MDQAAACLITCRINQLLSPSLLLKWWKADPSMSLTNPSCALETASRGKVRAAALKNKIEEQYPKLQHLLSVYHQQGINVI   80
NTDB id 114 BSU 16110 NP 389493.1            MDQAAVCLTICRINQLLSPSLLLKWWKADPSMSLTSPV..LQTVTRDQIKAAALKNEIEQFYPKLPRVLAAYREQGINTI   78
consensus                                    !!!!! !!  !!!!!!!!!!!!!!!!!!!!!!!!!! ! **! ! *!  **!!!!!! !!  !!!!***!  !* !!!! !

logo

NTDB id 291941 DIC78 RS01310 WP 127695237.1  PISSDQYPFWLKTIYDPPPVLFAKGDISLLSQGRKIGIVGTRHPTAYGIQVVNHLTIELCHKKWVIVSGLASGIDGLSHA  160
NTDB id 114 BSU 16110 NP 389493.1            PISSKQYPFWLKSIYDPPAVLFAKGDMTLLSKGRKIGIVGTRNPTAYGKQVVNHLTKEICRKGWVIVSGLASGIDGMSHA  158
consensus                                    !!!! !!!!!!!*!!!!!*!!!!!!!**!!! !!!!!!!!!!!*!!!!! !!!!!!! !*!*! !!!!!!!!!!!!!*!!!

logo

NTDB id 291941 DIC78 RS01310 WP 127695237.1  ASIKAKGRTIGVIAGGFQNIYPRENLQLAEHMAKHHLLLSEHPPETKPQKWHFPMRNRIISGLSEGIIVVQGKEKSGSLI  240
NTDB id 114 BSU 16110 NP 389493.1            ASIKAKGRTIGVIAGGFQHIYPRENLQLADHMAKHHILLSEHPPETKPQKWHFPMRNRIISGLSEGVIVVQGKEKSGSLI  238
consensus                                    !!!!!!!!!!!!!!!!!!!*!!!!!!!!!!*!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 291941 DIC78 RS01310 WP 127695237.1  TAYQALEQGREVFAVPGSVFDPYAGGPVKLIQEGAKAIWSAEDIYAELPEKNVQYTEPF  299
NTDB id 114 BSU 16110 NP 389493.1            TAYQALEQGREVFAVPGSLFDPYAGGPIKLIQQGAKAIWSAEDIFEELPERNVQYTEPF  297
consensus                                    !!!!!!!!!!!!!!!!!!!*!!!!!!!!!*!!!! !!!!!!!!!!!* !!!!*!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved