

```
NTDB id 46873 H7R10 RS01775 WP 001069327.1   MNPPINFLPWRQQRRTAFLRFWLLMFVAPLLLAVGITLILRLTSNAEARVNAVLLQAEQQLARSLQITKPRLLEQQQLRE   80
NTDB id 1430 BW25113 RS17585 WP 001069315.1  MNPPINFLPWRQQRRTAFLRFWLLMFVAPLLLAVGITLILRLTGSAEARIDAVLLQAEQQLARSLQITKPRLLEQQQLRE   80
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```



```
NTDB id 46873 H7R10 RS01775 WP 001069327.1   QRLQRQRQRQFTRDWQSALEALAALLPEHAWLTTISWQQGTLEIKGLTTSITALNALETSLRQDASFHLNQRGATQQDAQ   160
NTDB id 1430 BW25113 RS17585 WP 001069315.1  QRSQRQRQRQFTRDWQSALEALAALLPEHAWLTTISWQQGTLEIKGLTTSITALNALETSLRQDASFHLNQRGATQQDAQ   160
consensus                                    !! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```



```
NTDB id 46873 H7R10 RS01775 WP 001069327.1   GRWQFEYQLTRKVSDGHAL   179
NTDB id 1430 BW25113 RS17585 WP 001069315.1  GRWQFEYQLTRKVSDEHVL   179
consensus                                    !!!!!!!!!!!!!!! ! !
```

X non conserved

X similar

X ≥ 50% conserved