

```
NTDB id 102774 AYL54 RS11330 WP 001144297.1  MPVKEQGFSLLEVLIAMAISSVLLLGAARFLPALQRESLTGTRKLALEDEIWLRVFTVAKHLQRAGYCHGSCTGEGLEIV  80
NTDB id 1442 BW25113 RS14690 WP 001144315.1  MPVKEQGFSLLEVLIAMAISSVLLLGAARFLPALQRESLTSTRKLALEDEIWLRVFTVAKHLQRAGYCHGICTGEGLEIV  80
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!
```



```
NTDB id 102774 AYL54 RS11330 WP 001144297.1  GQGDCIIVQWDANSNGIWDREPVKESDQIGFRLKEHVLETLRGATSCEGKGWDKVTNPDAIIIDTFQVVRQDVSGFSPVL  160
NTDB id 1442 BW25113 RS14690 WP 001144315.1  GQGDCVIVQWDANSNGIWDREPVKESDQIGFRLKEHVLETLRGATSCEGKGWDKVTNPDAIIIDTFQVVRQDVSGFSPVL  160
consensus                                    !!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```



```
NTDB id 102774 AYL54 RS11330 WP 001144297.1  TVNMRAASKSEPQTVVDASYSVTGFNL  187
NTDB id 1442 BW25113 RS14690 WP 001144315.1  TVNMRAASKSEPQTVVNASYSVTGFNL  187
consensus                                    !!!!!!!!!!!!!!!! !!!!!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved