

```
NTDB id 89732 ABY61 RS19345 WP 015369729.1   MKTLTFLLSTVIELYTMVMLLRVWMQWARCDFYNPFSQFVVKATQPIVGPLRRIIPAMGPLDSASLLVAFVLCVIKAIVL   80
NTDB id 1449 BW25113 RS15330 WP 001094831.1  MNTLTFLLSTVIELYTMVLLLRIWMQWAHCDFYNPFSQFVVKVTQPIIGPLRRVIPAMGPIDSASLLVAYILSFIKAIVL   80
consensus                                    ! !!!!!!!!!!!!!!!!*!!!*!!!!!*!!!!!!!!!!!!!! !!!!*!!!!!*!!!!!!*!!!!!!!!!**!* !!!!!!
```



```
NTDB id 89732 ABY61 RS19345 WP 015369729.1   FMVVTFQPIIWIAAVLILLKTIGSLIFWVLLLMAIMSWVSQGRSPVEYVLMQLADPLLRPIRNLLPSMGGIDFSPMVLVL   160
NTDB id 1449 BW25113 RS15330 WP 001094831.1  FKVVTFLPIIWIAGLLILLKTIGLLIFWVLLVMAIMSWVSQGRSPIEYVLIQLADPLLRPIRRLLPAMGGIDFSPMILVL   160
consensus                                    ! !!!! !!!!!!**!!!!!!!! !!!!!!!*!!!!!!!!!!!!!!*!!!!*!!!!!!!!!!! !!! !!!!!!!!!*!!!
```



```
NTDB id 89732 ABY61 RS19345 WP 015369729.1   LLYVINMGIAELLQATGNVLLPGLWMAL   188
NTDB id 1449 BW25113 RS15330 WP 001094831.1  LLYVINMGVAEVLQATGNMLLPGLWMAL   188
consensus                                    !!!!!!!!*!!*!!!!!!*!!!!!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved