```
NTDB id 1159 ABDM36 RS04765 WP 001166105.1   MQIKTKIVTLFLS..L....CLP.....TLPLLANAEETAPAAQVEEGIVITVNINTASAEELATLLKGIGLKKAQAIVD   69
NTDB id 1150 A1552VC RS08580 WP 001166105.1  MQIKTKIVTLFLS..L....CLP.....TLPLLANAEETAPAAQVEEGIVITVNINTASAEELATLLKGIGLKKAQAIVD   69
NTDB id 1362 HI 1008 AAC22669.1              MKTL..FTSVVLCGALVVSSSFAEEKATXQTAQSVVTTQAEAQVAPAVVSDKLNINTATASEIQKSLTGIGAKKAEAIVQ   78
NTDB id 199122 BG562 RS11180 WP 006251644.1  MKKIKQLGLTFLF.GLNAM.AFAQTPPTTMPVEQNAVTQP.VQQTQITNANAVNINTASAAELQDKLVGIGQKKAQAIVD   77
NTDB id 1382 A4U84 RS07375 WP 062924234.1    MKKLSRYTFSLLF.GLFSATTFAEEKVTTSTEHTPVVMQQ.VAATQKVNANVVNINTATASEIQDKLVGIGAKKAQAIVE   78
consensus                                    !* **** ***!  *!     **    *****  **  ** ***    *   *!!!!!*! !**  ! !!! !!!*!!!*
```

```
NTDB id 1159 ABDM36 RS04765 WP 001166105.1   YREANGPFTHIDDLTNVKGIGEATVRNNAARILL.   103
NTDB id 1150 A1552VC RS08580 WP 001166105.1  YREANGPFTHIDDLTNVKGIGEATVRNNAARILL.   103
NTDB id 1362 HI 1008 AAC22669.1              YREKHGNFXNAEQLLEVQGIGKATLEKNRDRIIF.   112
NTDB id 199122 BG562 RS11180 WP 006251644.1  YRTKNGNFKNIEQLAEVSGIGQATVEKNRANIILE   112
NTDB id 1382 A4U84 RS07375 WP 062924234.1    YREKNGKFLNVEQLTEVSGIGKATLEKNRDCIVIE   113
consensus                                    !!***! ! ****!**! !!! !!***!***!**
```

X non conserved
X similar
X ≥ 50% conserved