```
NTDB id 1358 HI 0366 AAC22024.1          ..MKTISKQLSAVIFPFTFSACVSQS....ASSLNHQTAAKARVELALSYLQQNNPQLAKINLDKALQHDKNYYLVHSAL   74
NTDB id 179508 A6040 RS03545 WP 010944348.1  ..MAKILKNLTACFAIVMLLGCSSSYTGSSVSTFNRNKIVQARINLALAYLEQHHFAKAKENIDKALQHDAQDYLPYSAL   78
NTDB id 1386 A4U84 RS02735 WP 005710402.1  MTFAKFFRNLTACSVALWLVACANQTT...QVDFNRSEAVKARINLALAYLEQSDFPKAKENIDKALEHDVKDYLPHSVL   77
consensus                                  ****  **!*!*    *****! ****     ***!** ***!!**!!!*!!*!  * *!!*!*!!!!*!! **!!**!*!
```

```
NTDB id 1358 HI 0366 AAC22024.1          AHYYQQQGQIENAFREYEIAVNLNH.......KQGDVHNNFGTFLCSQKKFEQAQQQFELALNS.PNYYHQADTFENIVL  146
NTDB id 179508 A6040 RS03545 WP 010944348.1  AYYYQQIGDLTQAANAYQTALTLGN.......NTPDVLNNYGTFLCHQGKFDLAYQQFEQAIKSQQSYYHQADSLENIIL  151
NTDB id 1386 A4U84 RS02735 WP 005710402.1  AYYYQQTGDNQKAEEAYQQALKLSKTQSKNNQVRPDVLNNYGTFLCKQKLFDKAYQQFETALTSQEAYYNQADTLENIAL  157
consensus                                  !*!!!! !** *!  *!* !* !          *!!*!!*!!!!! !**!* !*!!!! !* !*  !!*!!!**!!!*!
```

```
NTDB id 1358 HI 0366 AAC22024.1          CAYSAQKMDIYQQTLEKLRQIDGKRAEKFNSLK...   179
NTDB id 179508 A6040 RS03545 WP 010944348.1  CAKQEKNTAKIAIALQQLTALDKTRADALR......   181
NTDB id 1386 A4U84 RS02735 WP 005710402.1  CANMKKDIEKQKTALSQLEKIDKSRAERLYNFMEIR   193
consensus                                  !!   * ***   *! *!  *!**!!***
```

X non conserved

X similar

X ≥ 50% conserved