```
NTDB id 1358 HI 0366 AAC22024.1                ..MKTISKQLSAVIFPFIFSACVSQSA...SSLNHQTAAKARVELALSYLQQNNPQLAKINLDKALQHDKNYYLVHSALA   75
NTDB id 176278 A4G17 RS04720 WP 123957218.1    MKFAKLFQNLTACLLALWLSGCATQSPPEQAGFNRSEAVKARINLALAYLEQNDFPKAKQNIDKALEHGPKDYLPHSVLA   80
NTDB id 1386 A4U84 RS02735 WP 005710402.1      MTFAKFFRNLTACSVALWLVACANQT..TQVDFNRSEAVKARINLALAYLEQSDFPKAKENIDKALEHDVKDYLPHSVLA   78
consensus                                      * ********!*!*********!**!*    *  *!***!*!!!**!!!*!!*!*****!! !*!!!!*!* **!!*!!*!!
```

```
NTDB id 1358 HI 0366 AAC22024.1                HYYQQQGQIENAFREYEIAVNLNH.......KQGDVHNNFGTFLCSQKKFEQAQQQFELALNS.PNYYHQADTFENIVLC   147
NTDB id 176278 A4G17 RS04720 WP 123957218.1    YYFQQIGEPSNAEKAYQQALTLSE.......NRPDVMNNYGTFLCKQGKFDAAYQQFDQALQSKQPYYYQADTLENIVLC   153
NTDB id 1386 A4U84 RS02735 WP 005710402.1      YYYQQTGDNQKAEEAYQQALKLSKTQSKNNQVRPDVLNNYGTFLCKQKLFDKAYQQFETALTSQEAYYNQADTLENIALC   158
consensus                                      *!*!!  !*  *!***!**!* !*         **!!*!!*!!!!!*!**!* !*!!!* !!*!    !! !!!!*!!!*!!
```

```
NTDB id 1358 HI 0366 AAC22024.1                AYSAQKMDIYQQTLEKLRQIDGKRAEKFNSLK...   179
NTDB id 176278 A4G17 RS04720 WP 123957218.1    ADKQPNLNRKNNALAQLEKWDSERARKLK......   182
NTDB id 1386 A4U84 RS02735 WP 005710402.1      ANMKKDIEKQKTALSQLEKIDKSRAERLYNFMEIR   193
consensus                                      !      *** ***! *!***!  !!***
```

X non conserved

X similar

X ≥ 50% conserved