```
NTDB id 229556 CA929 RS09430 WP 027221266.1  .......................MDTVNLSELTLENVGQWPMPVKIGVILGISILIIGLGYWLIVKPNFEQLDTLEAQE   56
NTDB id 1255 GCO85 RS04845 WP 011213355.1    .......................MDTVNLNELTLENVGQWPMPVKIGVILGISILIIGLGYWLIVKPNFEQLEIQEAQE   56
NTDB id 1012 ACIAD RS15185 WP 004923719.1    MKLDQLDKTPKESGQPKKKRMNVEKFFQQFNMLDMSNYGSWPLSVKITCWIFIFFLVCALGYFVVIRPQLDDIQTAQAQE   80
NTDB id 1056 ABD1 RS15860 WP 000076101.1     MSQDELQELSLEQLSAKKKKFNLDKFLQQFNTLDMNNYGSWPISVKITCWIFIFFAVLALGYFIVIQPKLQAIDNAQAQE   80
consensus                                    *  * *     *    ***** ***  * * **! **! ! !!**!!! * * !  ****!!!*****!* ****** !!!
```

```
NTDB id 229556 CA929 RS09430 WP 027221266.1  IALKTEFEKKQHQAANLQAYRNQLQLMNERFGTMLKQLPAKNEMPGLLEEISKTGIASGLKFELFAPQPEVVHDFYVELP  136
NTDB id 1255 GCO85 RS04845 WP 011213355.1    IALKTEFEKKQHQAANLQAYRNQLQLMNERFGTMLKQLPAKNEMPGLLEEISKTGIASGLKFELFAPQPEVVHDFYVELP  136
NTDB id 1012 ACIAD RS15185 WP 004923719.1    KNLLNEFREKQSKLRNLQQYQHQLEEMRASFNQQLTQLPKESEIPGLVEDINMTGVNSGLKFKNIRLENEVKQEFFIEQP  160
NTDB id 1056 ABD1 RS15860 WP 000076101.1     SNLLNEFREKDSKLRNLQQYQVQLQEMQANFNQQLEQLPKETEIPSLVEDINLTGVNSGLKFKNIRLEDEVKQEIFIEQP  160
consensus                                    * !  !!  !**  !!! ! *!!* !* *!   !*!!! *!*!*!*!*! *!!* !!!!!    * *!! *****! !
```

```
NTDB id 229556 CA929 RS09430 WP 027221266.1  IKITIVGSYMQLARFLSRVAEMNRIVTLHEFSVEGVSSGDGKTVSQDELVMGITAKIYRYRAQ.................  199
NTDB id 1255 GCO85 RS04845 WP 011213355.1    IKITIVGSYMQLARFLSRVAEMNRIVTLHEFSVEGVSSGDGKTVSQDELVMAITAKIYRYRAQ.................  199
NTDB id 1012 ACIAD RS15185 WP 004923719.1    ISIEATGDYHAFGAFVSGIAALPRIVTLHDFVIEAKQS.KEKT.DIPEVDYAVKAKTYRYIGVDEQGNASAVQ....ANT  234
NTDB id 1056 ABD1 RS15860 WP 000076101.1     IAIEATGDYHAFGAFVSSIAALPRIVTMHDFTVDVSPAKDNKS.DIPVLNYSIKAKTYRYVGATDTSEQTGKAPAASAST  239
consensus                                    !*!   ! !*  * !*!**! **!!!!*!*!*********!**  **** ** !! !!!*** *    **       * *
```

```
NTDB id 229556 CA929 RS09430 WP 027221266.1  ..........   199
NTDB id 1255 GCO85 RS04845 WP 011213355.1    ..........   199
NTDB id 1012 ACIAD RS15185 WP 004923719.1    STTTPAQGGTP  245
NTDB id 1056 ABD1 RS15860 WP 000076101.1     NTTVQPK....  246
consensus                                     **
```

X non conserved
X similar
X ≥ 50% conserved