```
logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1     MKLDQLDKTPKESGQPKKKRMNVEKFFQQFNMLDMSNYGSWPLSVKITCWIFIFFLVCALGYFVVIRPQLDDIQTAQAQE    80
NTDB id 294171 DLK06 RS01645 WP 032057248.1  MSPDELHELSLEQAPSKKKKITLEKFLQQFNTLDMNSYGSWPLSVKITCWIFIFFAVLALGYFVAIQPKLQAIDNAQAQE    80
NTDB id 1056 ABD1 RS15860 WP 000076101.1     MSQDELQELSLEQLSAKKKKFNLDKFLQQFNTLDMNNYGSWPISVKITCWIFIFFAVLALGYFIVIQPKLQAIDNAQAQE    80
consensus                                    !* !*! ****!**  !!!*****!!*!!!!*!!!**!!!!!*!!!!!!!!!!!!!*!*!!!!!**!*!*!**!**!!!!!

logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1     KNLLNEFREKQSKLRNLQQYQHQLEEMRASFNQQLTQLPKESEIPGLVEDINMTGVNSGLKFKNIRLENEVKQEFFIEQP   160
NTDB id 294171 DLK06 RS01645 WP 032057248.1  SNLLNEFREKDSKLRNLQQYQLQLQEMQANFNQQLEQLPKETEIPSLVEDINLTGVNSGLKFKNIRLEDEVKQEIFIEQP   160
NTDB id 1056 ABD1 RS15860 WP 000076101.1     SNLLNEFREKDSKLRNLQQYQVQLQEMQANFNQQLEQLPKETEIPSLVEDINLTGVNSGLKFKNIRLEDEVKQEIFIEQP   160
consensus                                    *!!!!!!!!!*!!!!!!!!!!!*!!*!!*!*!!!!!*!!!!!*!!!*!!!!!!*!!!!!!!!!!!!!!!!*!!!!!*!!!!!

logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1     ISIEATGDYHAFGAFVSGIAALPRIVTLHDFVIEAKQSK.EKTDIPEVDYAVKAKTYRYIGVDEGGNASAVQANTSTTTP   239
NTDB id 294171 DLK06 RS01645 WP 032057248.1  ITIEATGDYHAFGAFVSSIAALPRIVTMHDFIVEAAPVKDGRSDIPVLNYSIKAKTYRYMGAVENQNNSDPQVINGESQI   240
NTDB id 1056 ABD1 RS15860 WP 000076101.1     IAIEATGDYHAFGAFVSSIAALPRIVTMHDFTVDVSPAKDNKSDIPVLNYSIKAKTYRYVGATDTSEQTGKAPAASASTN   240
consensus                                    !*!!!!!!!!!!!!!!!!*!!!!!!!!!!*!!!*** * !* **!!!***!**!!!!!!!*!* ** **** *   * **

logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1     AQGG.....TP........   245
NTDB id 294171 DLK06 RS01645 WP 032057248.1  NASDSRNAHIPSIKKSKRK   259
NTDB id 1056 ABD1 RS15860 WP 000076101.1     T......TVQPK.......   246
consensus                                                !
```

X non conserved

X similar

X ≥ 50% conserved