```
logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1     MKLDQLDKTPKESGQPKKKRMNVEKFFQQFNMLDMSNYGSWPLSVKITCWIFIFFLVCALGYFVVIRPQLDDIQTAQAQE    80
NTDB id 276065 C6N17 RS02275 WP 002116684.1  MSPDELHELSLEQAASKKKKITLEKFLQQFNTLDMNSYGSWPLSVKITCWIFIFFAVLALGYFVAIQPKLQAIDNAQAQE    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 276065 C6N17 RS02275 WP 002116684.1  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 276065 C6N17 RS02275 WP 002116684.1  ITIEATGDYHAFGAFVSSIAALPRIVTMHDFVVEAAPVKDGKSDIPVLNYSIKAKTYRYMGAVENPEHQEKNASASSVAP   240
NTDB id 1056 ABD1 RS15860 WP 000076101.1     IAIEATGDYHAFGAFVSSIAALPRIVTMHDFTVDVSPAKDNKSDIPVLNYSIKAKTYRYVGATDTSEQTGKAPAASAS..   238
consensus                                    !*!!!!!!!!!!!!!!!!*!!!!!!!!!!*!!!**** * !* !*!!!***!**!!!!!!!*!* ** * ***** *!** *

logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1     AQGGTP....   245
NTDB id 276065 C6N17 RS02275 WP 002116684.1  DSSTANTQPK   250
NTDB id 1056 ABD1 RS15860 WP 000076101.1     ..TNTTVQPK   246
consensus                                      * *  ***
```

X non conserved

X similar

X $\geq$ 50% conserved