```
logo
NTDB id 1012 ACIAD RS15185 WP 004923719.1     MKLDQLDKTPKESGQPKKKRMNVEKFFQQFNMLDMSNYGSWPLSVKITCWIFIFFLVCALGYFVVIRPQLDDIQTAQAQE    80
NTDB id 380028 FRD49 RS01665 WP 148356605.1  MSQDELQELSLEQSASKKKKFNLDKFLQQFNTLDMNNYGSWPISVKITCWIFIFFAVLALGYFVAIQPKLQAIDNAQAQE    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 380028 FRD49 RS01665 WP 148356605.1  GNLLNEFREKDSKLRNLQQYQVQLQEMQVNFNQQLEQLPKETEIPSLVEDINLTGVNSGLKFKNIRLEDEVKQEIFIEQP   160
NTDB id 1056 ABD1 RS15860 WP 000076101.1     SNLLNEFREKDSKLRNLQQYQVQLQEMQANFNQQLEQLPKETEIPSLVEDINLTGVNSGLKFKNIRLEDEVKQEIFIEQP   160
consensus                                     !!!!!!!!!*!!!!!!!!!!!*!!*!!***!!!!!*!!!!!*!!!*!!!!!!*!!!!!!!!!!!!!!!!*!!!!!*!!!!!

logo
NTDB id 1012 ACIAD RS15185 WP 004923719.1     ISIEATGDYHAFGAFVSGIAALPRIVTLHDFVIEAKQSK.EKTDIPEVDYAVKAKTYRYIGVDEQGNASAVQANTSTTTP   239
NTDB id 380028 FRD49 RS01665 WP 148356605.1  IAIEATGDYHAFGAFVSSISALPRIVTMHDFVVEAAQAKDSKSDIPVLNYSIKAKTYRYIGAPEASAQPAKAAAATAPTS   240
NTDB id 1056 ABD1 RS15860 WP 000076101.1     IAIEATGDYHAFGAFVSSIAALPRIVTMHDFTVDVSPAKDNKSDIPVLNYSIKAKTYRYVGATDTSEQTGKAPAASASTN   240
consensus                                    !*!!!!!!!!!!!!!!!!*!*!!!!!!!!*!!!**** **!* !*!!!***!**!!!!!!!*!* * * *********!

logo
NTDB id 1012 ACIAD RS15185 WP 004923719.1     AQGGTP.   245
NTDB id 380028 FRD49 RS01665 WP 148356605.1  .PNAQPK   246
NTDB id 1056 ABD1 RS15860 WP 000076101.1     .TTVQPK   246
consensus                                       **!*
```

X non conserved

X similar

X $\geq$ 50% conserved