```
logo
NTDB id 1012 ACIAD RS15185 WP 004923719.1     MKLDQLDKTPKESGQPKKKRMNVEKFFQQFNMLDMSNYGSWPLSVKITCWIFIFFLVCALGYFVVIRPQLDDIQTAQAQE    80
NTDB id 357219 E5Y90 RS12440 WP 151205181.1  MSNQEFDEFSQETVAVPRKKMTVEKFFQQFNTLDPNNYGSWPLSVKISCWIFIIVLIFMLVYFIVIRSTIESISQANAQE    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 357219 E5Y90 RS12440 WP 151205181.1  QNLLNEFREKESKLRNLQQYQIQLQEMEARFNQQLEQLPKETEIPGLVEDINLSGVNSGLKFKNIRLEPEVKQEFFIEQP   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 357219 E5Y90 RS12440 WP 151205181.1  IAIEATGDYHAFGSFVSSIAGLSRIVTLHDFTISGTESQEKKSEIPVIDYIVKAKTYRYVGNSDDASSPTNNASTTGAQ.   239
NTDB id 1056 ABD1 RS15860 WP 000076101.1     IAIEATGDYHAFGAFVSSIAALPRIVTMHDFTVDVSPAKDNKSDIPVLNYSIKAKTYRYVGATDTSEQTGKAPAASASTN   240
consensus                                    !*!!!!!!!!!!!!*!!!*!!*!*!!!!*!!!*****  ***  !**!!***!  *!!!!!!!*!  **  *   ** **  *****

logo
NTDB id 1012 ACIAD RS15185 WP 004923719.1     AQGGTP.   245
NTDB id 357219 E5Y90 RS12440 WP 151205181.1  .......   239
NTDB id 1056 ABD1 RS15860 WP 000076101.1     T.TVQPK   246
consensus                                          *
```

X non conserved

X similar

X ≥ 50% conserved