```
logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1      MKLDQLDKTPKESGQPKKKRMNVEKFFQQFNMLDMSNYGSWPLSVKITCWIFIFFLVCALGYFVVIRPQLDDIQTAQAQE   80
NTDB id 1094076 ACMHYC RS01980 WP 009506583.1 MNQDE...LNQDSVAVKKKKMTVEQFFQQFNTLDMNNYGSWPLSVKITCWIFVFLAVLALGYFVVIKSQLEAIENAQAQE   77
NTDB id 1056 ABD1 RS15860 WP 000076101.1       MSQDELQELSLEQLSAKKKKFNLDKFLQQFNTLDMNNYGSWPISVKITCWIFIFFAVLALGYFIVIQPKLQAIDNAQAQE   80
consensus                                      ! *!**  *  ***  !!!******!*!!!!*!!!!*!!!!!!*!!!!!!!!!*!**!*!!!!!*!!***!**!**!!!!!

logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1      KNLLNEFREKQSKLRNLQQYQHQLEEMRASFNQQLTQLPKESEIPGLVEDINMTGVNSGLKFKNIRLENEVKQEFFIEQP  160
NTDB id 1094076 ACMHYC RS01980 WP 009506583.1 QSLLNEFREKDSKLRNLQQYQAQLQEMEANFNQQLEQLPKETEIPSLVEDINLTGVNSGLKFKNIRLENEVKQEFFIEQP  157
NTDB id 1056 ABD1 RS15860 WP 000076101.1      SNLLNEFREKDSKLRNLQQYQVQLQEMQANFNQQLEQLPKETEIPSLVEDINLTGVNSGLKFKNIRLEDEVKQEIFIEQP  160
consensus                                       *!!!!!!!!*!!!!!!!!!! !!*!! !*!!!!!*!!!!!*!!!*!!!!!!*!!!!!!!!!!!!!!!!*!!!!!*!!!!!

logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1      ISIEATGDYHAFGAFVSGIAALPRIVTLHDFTVEAKQSK.EKTDIPEVDYAVKAKTYRYIGVDEQGNASAVQANTSTTTP  239
NTDB id 1094076 ACMHYC RS01980 WP 009506583.1 ISIDATGDYHAFGAFVTGIAALPRIVTLHDFTVEAKEDTQKKSDIPVVNYTVKAKTYRYVGADDQANAAAAATNNP...P  234
NTDB id 1056 ABD1 RS15860 WP 000076101.1      IAIEATGDYHAFGAFVSSIAALPRIVTMHDFTVDVSPAKDNKSDIPVLNYSIKAKTYRYVGATDTSEQTGKAPAAS...A  237
consensus                                      !*!*!!!!!!!!!!!!!!**!!!!!!!!!!*!!!*****  *  !*!!!***!**!!!!!!!*!************  *  *  *   *

logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1      AQGGTP...   245
NTDB id 1094076 ACMHYC RS01980 WP 009506583.1 AAGGK....   239
NTDB id 1056 ABD1 RS15860 WP 000076101.1      STNTTVQPK   246
consensus                                      * ***
```

X non conserved

X similar

X $\geq$ 50% conserved