```
logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1      MKLDQLDKTPKESGQPKKKRMNVEKFFQQFNMLDMSNYGSWPLSVKITCWIFIFFLVCALGYFVVIRPQLDDIQTAQAQE   80
NTDB id 1107157 ACLKMZ RS01815 WP 411691466.1 MSRDEFEQLNQDTVVVPKKKMTFEKFMQQFNTLDPNNYGSWPLSVKITCWIFIIILVGILGYFLAIKNKIEAISNANAQE   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 1107157 ACLKMZ RS01815 WP 411691466.1 QNLLNEFREKDSKLRNLQQYQIQLQDMEARFNQQLEQLPKETEIPGLVEDINLTGVNSGLKFKQIKLEPEVKQEFFIEQP  160
NTDB id 1056 ABD1 RS15860 WP 000076101.1      SNLLNEFREKDSKLRNLQQYQVQLQEMQANFNQQLEQLPKETEIPSLVEDINLTGVNSGLKFKNIRLEDEVKQEIFIEQP  160
consensus                                       !!!!!!!!!*!!!!!!!!!!*!!**! ! !!!!!*!!!!!*!!!*!!!!!!*!!!!!!!!!!*!*!! !!!!!*!!!!!

logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1      ISIEATGDYHAFGAFVSGIAALPRIVTLHDFVIEAKQSKE.KTDIPEVDYAVKAKTYRYIGVDEQGNASAVQANTSTTTP  239
NTDB id 1107157 ACLKMZ RS01815 WP 411691466.1 ISIDATGDYHAFGSFVSGIAGLSRIVTLHNFTITATPNKEKNSDIPKVDYQLSAKTYRYVGNTETTAQATDTANNQE...  237
NTDB id 1056 ABD1 RS15860 WP 000076101.1      IAIEATGDYHAFGAFVSSIAALPRIVTMHDFTVDVSPAKDNKSDIPVLNYSIKAKTYRYVGATDTSEQTGKAPAASASTN  240
consensus                                      !*!*!!!!!!!!!!*!!!*!!*!*!!!!*!*!****** !* **!!! **! **!!!!!!*! **** ***  ** * **

logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1      AQGGTP.   245
NTDB id 1107157 ACLKMZ RS01815 WP 411691466.1  ....APK   240
NTDB id 1056 ABD1 RS15860 WP 000076101.1       T.TVQPK   246
consensus                                            !*
```

X non conserved

X similar

X $\geq$ 50% conserved