```
logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1      MKLDQLDKTPKESGQPKKKRMNVEKFFQQFNMLDMSNYGSWPLSVKITCWIFIFFLVCALGYFVVIRPQLDDIQTAQAQE   80
NTDB id 1107058 ACLKM2 RS11885 WP 005094323.1 MSNEKFDEFSQDAVAVPKNKMTVEKFFQQFNTLDPNNYGSWPLSVKISCWIFIVILVFMLIYFALTRSTIESISQASAQE   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 1107058 ACLKM2 RS11885 WP 005094323.1 QNLLNEFREKESKLRNLQQYQIQLQEMEARFNQQLEQLPKETEIPGLVEDINLSGVNSGLKFKNIRLEPEIKQEFFIEQP  160
NTDB id 1056 ABD1 RS15860 WP 000076101.1      SNLLNEFREKDSKLRNLQQYQVQLQEMQANFNQQLEQLPKETEIPSLVEDINLTGVNSGLKFKNIRLEDEVKQEIFIEQP  160
consensus                                       !!!!!!!!!*!!!!!!!!!!*!!*!! ! !!!!!*!!!!!*!!!*!!!!!!**!!!!!!!!!!!!!! !*!!!*!!!!!

logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1      ISIEATGDYHAFGAFVSGIAALPRIVTLHDFVIEAKQSK.EKTDIPEVDYAVKAKTYRYIGVDEQGNASAVQANT..STT  237
NTDB id 1107058 ACLKM2 RS11885 WP 005094323.1 IAIEATGDYHAFGSFVSSIAGLSRIVTLHDFTITGTENKEKKSEIPVIDYVVKAKTYRYVGNAEASSAGTSTTQGAQ...  237
NTDB id 1056 ABD1 RS15860 WP 000076101.1      IAIEATGDYHAFGAFVSSIAALPRIVTMHDFTVDVSPAKDNKSDIPVLNYSIKAKTYRYVGATDTSEQTGKAPAASASTN  240
consensus                                      !*!!!!!!!!!!!!*!!!*!!*!*!!!!*!!!******  !* !**!!***! *!!!!!!!*!  * * ***   **  **

logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1      TPAQGGTP   245
NTDB id 1107058 ACLKM2 RS11885 WP 005094323.1 ........   237
NTDB id 1056 ABD1 RS15860 WP 000076101.1      TTVQPK..   246
consensus                                      *  *
```

X non conserved

X similar

X $\geq$ 50% conserved