```
logo

NTDB id 1029459 AB4670 RS01470 WP 000076099.1  MSQDELQELSLEQLSAKKKKFNLDKFLQQFNTLDMNNYGSWPISVKITCWIFIFFAVLALGYFIVIQPKLQAIDNAQAQE   80
NTDB id 1056 ABD1 RS15860 WP 000076101.1       MSQDELQELSLEQLSAKKKKFNLDKFLQQFNTLDMNNYGSWPISVKITCWIFIFFAVLALGYFIVIQPKLQAIDNAQAQE   80
NTDB id 1012 ACIAD RS15185 WP 004923719.1      MKLDQLDKTPKESGQPKKKRMNVEKFFQQFNMLDMSNYGSWPLSVKITCWIFIFFLVCALGYFVVIRPQLDDIQTAQAQE   80
consensus                                      !**!*!*****!****!!!**!**!!*!!!!*!!!!*!!!!!!*!!!!!!!!!!!!!!*!*!!!!!*!!*!*!**!**!!!!!

logo

NTDB id 1029459 AB4670 RS01470 WP 000076099.1  SNLLNEFREKDSKLRNLQQYQVQLQEMQANFNQQLEQLPKETEIPSLVEDINLTGVNSGLKFKNIRLEDEVKQEIFIEQP  160
NTDB id 1056 ABD1 RS15860 WP 000076101.1       SNLLNEFREKDSKLRNLQQYQVQLQEMQANFNQQLEQLPKETEIPSLVEDINLTGVNSGLKFKNIRLEDEVKQEIFIEQP  160
NTDB id 1012 ACIAD RS15185 WP 004923719.1      KNLLNEFREKQSKLRNLQQYQHQLEEMRASFNQQLTQLPKESEIPGLVEDINMTGVNSGLKFKNIRLENEVKQEFFIEQP  160
consensus                                      *!!!!!!!!!*!!!!!!!!!!*!!*!!*!*!!!!!*!!!!!*!!!*!!!!!!*!!!!!!!!!!!!!!!!*!!!!!*!!!!!

logo

NTDB id 1029459 AB4670 RS01470 WP 000076099.1  IAIEATGDYHAFGAFVSSIAALPRIVTIHDFTVDVSPAKDNKSDIPVLNYSIKAKTYRYVGATDTSEQTGKAPAASASTN  240
NTDB id 1056 ABD1 RS15860 WP 000076101.1       IAIEATGDYHAFGAFVSSIAALPRIVTMHDFTVDVSPAKDNKSDIPVLNYSIKAKTYRYVGATDTSEQTGKAPAASASTN  240
NTDB id 1012 ACIAD RS15185 WP 004923719.1      ISIEATGDYHAFGAFVSGIAALPRIVTLHDFVIEAKQS.KEKTDIPEVDYAVKAKTYRYIGVDEQGNASAVQ....ANTS  235
consensus                                      !*!!!!!!!!!!!!!!!!*!!!!!!!!!!*!!!**********!*!!!***!**!!!!!!!*!*!!!!!!!!!!!!!!!*!*

logo

NTDB id 1029459 AB4670 RS01470 WP 000076099.1  TTVQPK....   246
NTDB id 1056 ABD1 RS15860 WP 000076101.1       TTVQPK....   246
NTDB id 1012 ACIAD RS15185 WP 004923719.1      TTTPAQGGTP   245
consensus                                      !!****
```

X non conserved

X similar

X $\geq$ 50% conserved