```
logo

NTDB id 980660 AAFA19 RS17245 WP 000076101.1  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 980660 AAFA19 RS17245 WP 000076101.1  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 980660 AAFA19 RS17245 WP 000076101.1  IAIEATGDYHAFGAFVSSIAALPRIVTMHDFTVDVSPAKDNKSDIPVLNYSIKAKTYRYVGATDTSEQTGKAPAASASTN  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 980660 AAFA19 RS17245 WP 000076101.1  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