```
logo

NTDB id 405429 GOQ05 RS17415 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 405429 GOQ05 RS17415 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 405429 GOQ05 RS17415 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 405429 GOQ05 RS17415 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 ≥ 50% conserved