```
logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1      MKLDQLDKTPKESGQPKKKRMNVEKFFQQFNMLDMSNYGSWPLSVKITCWIFIFFLVCALGYFVVIRPQLDDIQTAQAQE   80
NTDB id 1060358 ACFN7Z RS01415 WP 004691497.1 MSRDEFEELTSENHAVTKKKMTVDKFFQQFNTLDPNNYGSWPFSVKLTCWIFIILVIGALGYFVVIKPKLDAISNAHAQE   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 1060358 ACFN7Z RS01415 WP 004691497.1 QNLLNEFREKDSKLRNLQQYQAQLQEMEANFNQQLEQLPKETEIPGLVEDINVSGVNSGLKFKNIRLEPEIRQEFFIEQP  160
NTDB id 1056 ABD1 RS15860 WP 000076101.1      SNLLNEFREKDSKLRNLQQYQVQLQEMQANFNQQLEQLPKETEIPSLVEDINLTGVNSGLKFKNIRLEDEVKQEIFIEQP  160
consensus                                       !!!!!!!!!*!!!!!!!!!! !!*!! !*!!!!!*!!!!!*!!!*!!!!!!**!!!!!!!!!!!!!! !**!!*!!!!!

logo

ISIEATGDYHAFGAFVSGIAALPRIVTLHDFVIEAKQS.KEKTDIPEVDYAVKAKTYRYIGVDEQGNASAVQANTSTTTP  239
ISIEATGDYHSFGSFVSGIAALPRIVTLHDFDISASSNNEKKTDIPQISYSVKAKTYRYVGATAAASVENTAK......A  234
IAIEATGDYHAFGAFVSSIAALPRIVTMHDFTVDVSPAKDNKSDIPVLNYSIKAKTYRYVGATDTSEQTGKAP......A  234
consensus                                      !*!!!!!!!!*!!*!!!*!!!!!!!!!!*!!! ****   * !*!!! * !**!!!!!!!*!*** *  ** *       *

logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1      AQGGTP......   245
NTDB id 1060358 ACFN7Z RS01415 WP 004691497.1  DAGGAQ......   240
NTDB id 1056 ABD1 RS15860 WP 000076101.1       ASASTNTTVQPK   246
consensus                                      * ***
```

X non conserved

X similar

X ≥ 50% conserved