```
logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1          MKLDQLDKTPKESGQPKKKRMNVEKFFQQFNMLDMSNYGSWPLSVKITCWIFIFFLVCALGYFVVIRPQLDDIQTAQAQE   80
NTDB id 313279 Ahae11616 RS01295 WP 008941136.1   MSQDELNDLNQEGAAVKKKKMTVEQFFQQFNTLDMNNYGSWPWSVKVTCWIFILLAVVALGYFVVIQKQLQTIANAEARE   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 313279 Ahae11616 RS01295 WP 008941136.1   QSLLNEFREKESKLRNLQQYQTQLQEMEANFNQQLEQLPKETEIPSLVEDINLTGVNSGLKFKNIRLEKEVRQEFFIEQP  160
NTDB id 1056 ABD1 RS15860 WP 000076101.1          SNLLNEFREKDSKLRNLQQYQVQLQEMQANFNQQLEQLPKETEIPSLVEDINLTGVNSGLKFKNIRLEDEVKQEIFIEQP  160
consensus                                          *!!!!!!!!*!!!!!!!!!! !!*!! !*!!!!!*!!!!!*!!!*!!!!!!*!!!!!!!!!!!!!!! !!*!!*!!!!!

logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1          ISIEATGDYHAFGAFVSGIAALPRIVTLHDFVIEAKQSK.EKTDIPEVDYAVKAKTYRYIGVDEQGNASAVQANTSTTTP  239
NTDB id 313279 Ahae11616 RS01295 WP 008941136.1   ISLEATGDYHAFGAFATGIAALPRIVTLHDFIVEAKEDTQKKSDIPVVHYTVKAKTYRYVGADDQVDSTAVSGGQR....  236
NTDB id 1056 ABD1 RS15860 WP 000076101.1          IAIEATGDYHAFGAFVSSIAALPRIVTMHDFTVDVSPAKDNKSDIPVLNYSIKAKTYRYVGATDTSEQTGKAPAASASTN  240
consensus                                         !**!!!!!!!!!!!!!***!!!!!!!!!*!!!*****  *  !*!!!** !**!!!!!!!*!**** * *** ** * **

logo

NTDB id 1012 ACIAD RS15185 WP 004923719.1          AQGGTP   245
NTDB id 313279 Ahae11616 RS01295 WP 008941136.1   ......   236
NTDB id 1056 ABD1 RS15860 WP 000076101.1          TTVQPK   246
consensus
```

X non conserved
X similar
X ≥ 50% conserved