logo

```
NTDB id 1012 ACIAD RS15185 WP 004923719.1    MKLDQLDKTPKESGQPKKKRMNVEKFFQQFNMLDMSNYGSWPLSVKITCWIFIFFLVCALGYFVVIRPQLDDIQTAQAQE   80
NTDB id 351226 AHTJR RS01425 WP 134251340.1  MRPKEMNDLNQEGAAVKKKKMTVEQFFQQFNTLDMNNYGSWPWSVKVTCWIFILLAVAALGYFVVIQKQLQTIANAEARE   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 351226 AHTJR RS01425 WP 134251340.1  QSLLNEFREKESKLRNLQQYQTQLQEMEANFNQQLEQLPKETEIPSLVEDINLTGVNSGLKFKNIRLEKEVRQEFFIEQP  160
NTDB id 1056 ABD1 RS15860 WP 000076101.1     SNLLNEFREKDSKLRNLQQYQVQLQEMQANFNQQLEQLPKETEIPSLVEDINLTGVNSGLKFKNIRLEDEVKQEIFIEQP  160
consensus                                     *!!!!!!!!*!!!!!!!!!! !!*!! !*!!!!!*!!!!!*!!!*!!!!!!*!!!!!!!!!!!!!!! !!*!!*!!!!!
```

logo

```
NTDB id 1012 ACIAD RS15185 WP 004923719.1    ISIEATGDYHAFGAFVSGIAALPRIVTLHDFVIEAKQSK.EKTDIPEVDYAVKAKTYRYIGVDEQGNASAVQAN..TSTT  237
NTDB id 351226 AHTJR RS01425 WP 134251340.1  ISLEATGDYHAFGAFATGIAALPRIVTLHDFIVEAKEDTQKKSDIPVVHYTVKAKTYRYVGADDRAVGNTSAPIASKKNK  240
NTDB id 1056 ABD1 RS15860 WP 000076101.1     IAIEATGDYHAFGAFVSSIAALPRIVTMHDFTVDVSPAKDNKSDIPVLNYSIKAKTYRYVGATDTSEQTGKAPAASASTN  240
consensus                                    !**!!!!!!!!!!!!!***!!!!!!!!!!*!!!*****  *  !*!!!** !**!!!!!!!*!*** * *** ** ** **
```

logo

```
NTDB id 1012 ACIAD RS15185 WP 004923719.1    TPAQGGTP   245
NTDB id 351226 AHTJR RS01425 WP 134251340.1  QSKKK...   245
NTDB id 1056 ABD1 RS15860 WP 000076101.1     TTVQPK..   246
consensus                                    ** *
```

X non conserved
X similar
X ≥ 50% conserved