```
NTDB id 72931 FOY94 RS07635 WP 048979351.1   MKKISYERIYKSQEYLSPLGEIHHRALFGGYTLAVDDAVFAMVSDGELYLRACEESAKYCVKNASSFLTLMKRGRPVLLN   80
NTDB id 1428 BW25113 RS04975 WP 000839153.1  MKSLSYKRIYKSQEYLATLGTIEYRSLFGSYSLTVDDTVFAMVSDGELYLRACEQSAQYCVKHPPVWLTYKKCGRSVTLN   80
consensus                                    !! *!! !!!!!!!!! *!! !**! !!! !*! !!! !!!!!!!!!!!!!!!!! !! !!!!*** *!!  !*!!*! !!
```

```
NTDB id 72931 FOY94 RS07635 WP 048979351.1   YYRVDDGLWQDRERLLQLSSFALSAARKERYQRHQRNRLKDLPNLTFQLEVLLFEAGITNEETLRALGARASWLKMRAKN  160
NTDB id 1428 BW25113 RS04975 WP 000839153.1  YYRVDESLWRNQLKLVRLSKYSLDAALKEKSTRNTRERLKDLPNMSFHLEAILGEVGIKDVRALRILGAKMCWLRLRQQN  160
consensus                                    !!!!!* !!    *!* !! * ! !! !!*  !* ! !!!!!!!**!*!! *! ! !!     !! !!!* *!!**!  !
```

```
NTDB id 72931 FOY94 RS07635 WP 048979351.1   KALGIKVLFALEGAIEGLHEAALPAGIRRELTEWFNALPEPQENHFSR.   208
NTDB id 1428 BW25113 RS04975 WP 000839153.1  SLVTEKILFMLEGAIIGIHEAALPVARRQELAEWADSLTPKQEFPAELE   209
consensus                                      *  !*!! !!!!! !*!!!!!! * ! !! !!   !***!!      *
```

X non conserved
X similar
X ≥ 50% conserved