```
logo
NTDB id 1250 GC085 RS13065 WP 027219989.1     .MNNLQPLLALNRMKRIGPRTVLKLQKRWPDLNLMFQLSSVDLEEAGLPSWLAQTIKNFDPDFIKTDLNWL..SSSENHH   77
NTDB id 317594 CFK76 RS03830 WP 035145813.1  MLTKNQLLLKVHLAAGFGPISELRLA.AWLATSHNWTLSALEIAQ..IARLPERYWPTFQASFQSTDLQRQCIDHEVRTT   77
NTDB id 626 LCA RS04960 WP 011374694.1       MLTKNQLLLKVHLAAGFGTISELRLA.AWLSTSHNWALSALEIAQ..IARLPERYWPTFQASFQSTTLQRQCIDHEVRTT   77
consensus                                    *****!*!!********!****!*!* *!* ***** !!******  ***********!***!**!*!************

logo
NTDB id 1250 GC085 RS13065 WP 027219989.1     ILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLALGIDAHAH  157
NTDB id 317594 CFK76 RS03830 WP 035145813.1  YLTILDKDYPQRLLETYLPPVLLFYRGDLRLLKQPCLAVVGARQATHYSKQSLEQLLQG..LTATTIISGLAQGADAMAH  155
NTDB id 626 LCA RS04960 WP 011374694.1       YLTILDKDYPQRLLETYLPPVLLFYRGDLRLLKQPCLAVVGARQATHYSKQSLEQLLQG..LTATTIISGLAQGADAMAH  155
consensus                                    *!!*****!!**!*!***!!**!***!*!**!*!!*!!*!!*!*!**************  *****!*!!!!*!*!!*!!

logo
NTDB id 1250 GC085 RS13065 WP 027219989.1     LGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITENGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIEAAIKSGSL  237
NTDB id 317594 CFK76 RS03830 WP 035145813.1  EVALQRGLAPIGVIGTGINCSYPPQNEHLQQVVAEKGLLLSEYALGTPARRYQFPARNKIIAGLCHSLIVTEARHKSGSL  235
NTDB id 626 LCA RS04960 WP 011374694.1       EVALQRGLAPIGVIGTGINCSYPPQNEHLQQVVAEKGLLLSEYALGTPARRYQFPARNKIIAGLCHSLIVTEARHKSGSL  235
consensus                                    ***!**!***!*!*!!!!*!*!!*****!*****!*!!!!!!!**!**!*****!!*!!*!!*!!*****!*!!**!!!!!

logo
NTDB id 1250 GC085 RS13065 WP 027219989.1     ITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSNKPIFSLASGKENLVKFIGFET  317
NTDB id 317594 CFK76 RS03830 WP 035145813.1  ITANLALQANRNVYAIPGRIDQSLSQGCNQLIAAGATPLLDKNILIEELRYFD..........................  288
NTDB id 626 LCA RS04960 WP 011374694.1       ITANLALQANRNVYAIPGRIDQSLSQGCNQLIAAGATPLLDKNILIEELRYFD..........................  288
consensus                                    !!!**!!**!!*!*!!!!*!***!**!!**!***!!***********!!****

logo
NTDB id 1250 GC085 RS13065 WP 027219989.1     TTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   361
NTDB id 317594 CFK76 RS03830 WP 035145813.1  ..........................................   288
NTDB id 626 LCA RS04960 WP 011374694.1       ..........................................   288
consensus
```

X non conserved

X similar

X ≥ 50% conserved