```
logo

NTDB id 1250 GCO85 RS13065 WP 027219989.1        .MNNLQPLLALNRMKRIGPRTVLKLQKRWPDLNLMFQLSSVDLEEAGLPSWLAQTIKNFDPDFIKTDLNWL..SSSENHH   77
NTDB id 1013598 ABVR75 RS05585 WP 035145813.1   MLTKNQLLLKVHLAAGFGPISELRLA.AWLATSHNWTLSALEIAQ..IARLPERYWPTFQASFQSTDLQRQCIDHEVRTT   77
NTDB id 626 LCA RS04960 WP 011374694.1          MLTKNQLLLKVHLAAGFGTISELRLA.AWLSTSHNWALSALEIAQ..IARLPERYWPTFQASFQSTTLQRQCIDHEVRTT   77
consensus                                       *****!*!!********!****!*!* *!* ***** !!******  ***********!***!**!*!************

logo

NTDB id 1250 GCO85 RS13065 WP 027219989.1        ILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLALGIDAHAH   157
NTDB id 1013598 ABVR75 RS05585 WP 035145813.1   YLTILDKDYPQRLLETYLPPVLLFYRGDLRLLKQPCLAVVGARQATHYSKQSLEQLLQG..LTATTIISGLAQGADAMAH   155
NTDB id 626 LCA RS04960 WP 011374694.1          YLTILDKDYPQRLLETYLPPVLLFYRGDLRLLKQPCLAVVGARQATHYSKQSLEQLLQG..LTATTIISGLAQGADAMAH   155
consensus                                       *!!*****!!**!*!***!!**!***!*!**!*!!*!!*!!*!*!**************  *****!*!!!!*!*!!*!!

logo

NTDB id 1250 GCO85 RS13065 WP 027219989.1        LGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITENGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIEAAIKSGSL   237
NTDB id 1013598 ABVR75 RS05585 WP 035145813.1   EVALQRGLAPIGVIGTGINCSYPPQNEHLQQVVAEKGLLLSEYALGTPARRYQFPARNKIIAGLCHSLIVTEARHKSGSL   235
NTDB id 626 LCA RS04960 WP 011374694.1          EVALQRGLAPIGVIGTGINCSYPPQNEHLQQVVAEKGLLLSEYALGTPARRYQFPARNKIIAGLCHSLIVTEARHKSGSL   235
consensus                                       ***!**!***!*!*!!!!*!*!!*****!*****!*!!!!!!**!**!*****!!*!!*!!*!!*****!*!!**!!!!!

logo

NTDB id 1250 GCO85 RS13065 WP 027219989.1        ITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSNKPIFSLASGKENLVKFIGFET   317
NTDB id 1013598 ABVR75 RS05585 WP 035145813.1   ITANLALQANRNVYAIPGRIDQSLSQGCNQLIAAGATPLLDKNILIEELRYFD...........................   288
NTDB id 626 LCA RS04960 WP 011374694.1          ITANLALQANRNVYAIPGRIDQSLSQGCNQLIAAGATPLLDKNILIEELRYFD...........................   288
consensus                                       !!!**!!**!!*!*!!!!*!***!**!!**!***!!***********!!****

logo

NTDB id 1250 GCO85 RS13065 WP 027219989.1        TTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   361
NTDB id 1013598 ABVR75 RS05585 WP 035145813.1   ..........................................   288
NTDB id 626 LCA RS04960 WP 011374694.1          ..........................................   288
consensus
```

X non conserved
X similar
X ≥50% conserved