```
logo

NTDB id 1013 ACIAD RS15180 WP 004923726.1       .MNNKILWLGLVILGLSGCDSRIDAIHQEMATIRNQPPLPIEPAPVFMPVPSFQYSASQLRNPFLPSSLAAELKIMSGKR   79
NTDB id 1038309 ACB088 RS17815 WP 045433419.1   MKLKQISFSILACLVLVGCDSRIDAVNQQMADIRNQPPQQIDPAPVFTPVPQFNYAAHQLKSPFLPSSLAAELKIMAGKR   80
NTDB id 1057 ABD1 RS15855 WP 000695065.1        MKIKQITLYVLACAVLVGCDSRIDAVNQEMANIRNQPPLPIEPAPIFTPVPQFNYAAHQLKSPFMPSSLAAELKIMAGKR   80
consensus                                       ***** ** *!****!*!!!!!!!**!*!! !!!!!**!*!!!*!*!!!*!*!*!*!!**!!*!!!!!!!!!!!!*!!!

logo

NTDB id 1013 ACIAD RS15180 WP 004923726.1       VYPNLARPKQPLESYALESLTMKGSMRKINAQIMALIQTPDNEIERVQVGNYIGLNYGRIIRITPTQIDLMEIVPDGHDG   159
NTDB id 1038309 ACB088 RS17815 WP 045433419.1   VYPNFSRAPQPLESYALESLNMKGSIRNNRGQVLALIQSPDQQIERVQVGNYIGMNQGRITHIGPTQIDLVEIVPDGREG   160
NTDB id 1057 ABD1 RS15855 WP 000695065.1        VYPNFSRAPQPLESYALEALNMKGSMRNNRGQILALIQTPDQQIERVQVGNYMGMNQGRITHISPTQIDLVEIVPDGREG   160
consensus                                       !!!!**!**!!!!!!!!!*!*!!!!*!****!**!!!!*!!**!!!!!!!!!*!*!*!!!**!*!!!!!!*!!!!!!**!

logo

NTDB id 1013 ACIAD RS15180 WP 004923726.1       YIERPRSLVLIGPKP   174
NTDB id 1038309 ACB088 RS17815 WP 045433419.1   YVERPRTLVLIGPAP   175
NTDB id 1057 ABD1 RS15855 WP 000695065.1        YVERPRTLVLIGPAP   175
consensus                                       !*!!!!*!!!!!!!*!
```

X non conserved

X similar

X $\geq$ 50% conserved