```
logo

NTDB id 1013 ACIAD RS15180 WP 004923726.1   .MNNKILWLGLVILGLSGCDSRIDAIHQEMATIRNQPPLPIEPAPVFMPVPSFQYSASQLRNPFLPSSLAAELKIMSGKRVYPNL   84
NTDB id 77624 H7R46 RS01545 WP 005067086.1 MKLKKILLSLGIGLVLVGCDSRIDAVNQQMADIRNQPPQAIEPAPVFTPVPQFNYAAHQLKSPFLPSSLAAELKIMAGKRVYPNF   85
NTDB id 1057 ABD1 RS15855 WP 000695065.1   MKIKQITLYVLACAVLVGCDSRIDAVNQEMANIRNQPPLPIEPAPIFTPVPQFNYAAHQLKSPFMPSSLAAELKIMAGKRVYPNF   85
consensus                                  *****!** *** **!*!!!!!!!!!*!!! !!!!!!**!!!!!*!*!!!*!*!*!*!!**!!*!!!!!!!!!!!*!!!!!!!*

logo

NTDB id 1013 ACIAD RS15180 WP 004923726.1   ARPKQPLESYALESLTMKGSMRKINAQIMALIQTPDNEIERVQVGNYIGLNYGRIIRITPTQIDLMEIVPDGHDGYIERPRSLVL   169
NTDB id 77624 H7R46 RS01545 WP 005067086.1 SRAPQPLESYALESLNMKGSMRNSRGQVMALIQTPDHQIERVQVGNYIGMNQGRITHIGPTQIDLVEIVPDGREGYVERPRTLVL   170
NTDB id 1057 ABD1 RS15855 WP 000695065.1   SRAPQPLESYALEALNMKGSMRNNRGQILALIQTPDQQIERVQVGNYMGMNQGRITHISPTQIDLVEIVPDGREGYVERPRTLVL   170
consensus                                  *!**!!!!!!!!!*!*!!!!!!* **!**!!!!!!!**!!!!!!!!!*!*!*!!!**!*!!!!!!*!!!!!!**!!*!!!!*!!!

logo

NTDB id 1013 ACIAD RS15180 WP 004923726.1   IGPKP   174
NTDB id 77624 H7R46 RS01545 WP 005067086.1 IGPAP   175
NTDB id 1057 ABD1 RS15855 WP 000695065.1   IGPAP   175
consensus                                  !!!*!
```

X non conserved

X similar

X ≥ 50% conserved