```
logo

NTDB id 120567 BL01 RS10090 WP 000695065.1   MKIKQITLYVLACAVLVGCDSRIDAVNQEMANIRNQPPLPIEPAPIFTPVPQFNYAAHQLKSPFMPSSLAAELKIMAGKRVYPNF   85
NTDB id 1057 ABD1 RS15855 WP 000695065.1     MKIKQITLYVLACAVLVGCDSRIDAVNQEMANIRNQPPLPIEPAPIFTPVPQFNYAAHQLKSPFMPSSLAAELKIMAGKRVYPNF   85
NTDB id 1013 ACIAD RS15180 WP 004923726.1    .MNNKILWLGLVILGLSGCDSRIDAIHQEMATIRNQPPLPIEPAPVFMPVPSFQYSASQLRNPFLPSSLAAELKIMSGKRVYPNL   84
consensus                                    *****!****!****!*!!!!!!!!!**!!!!*!!!!!!!!!!!!!!*!*!!!*!*!*!*!!**!!*!!!!!!!!!!!!*!!!!!!!*

logo

NTDB id 120567 BL01 RS10090 WP 000695065.1   SRAPQPLESYALEALNMKGSMRNNRGQILALIQTPDQQIERVQVGNYMGMNQGRITHISPTQIDLVEIVPDGREGYVERPRTLVL   170
NTDB id 1057 ABD1 RS15855 WP 000695065.1     SRAPQPLESYALEALNMKGSMRNNRGQILALIQTPDQQIERVQVGNYMGMNQGRITHISPTQIDLVEIVPDGREGYVERPRTLVL   170
NTDB id 1013 ACIAD RS15180 WP 004923726.1    ARPKQPLESYALESLTMKGSMRKINAQIMALIQTPDNEIERVQVGNYIGLNYGRIIRITPTQIDLMEIVPDGHDGYIERPRSLVL   169
consensus                                    *!**!!!!!!!!!*!*!!!!!!****!!*!!!!!!!**!!!!!!!!!*!*!*!!!**!*!!!!!!*!!!!!!**!!*!!!!*!!!

logo

NTDB id 120567 BL01 RS10090 WP 000695065.1   IGPAP   175
NTDB id 1057 ABD1 RS15855 WP 000695065.1     IGPAP   175
NTDB id 1013 ACIAD RS15180 WP 004923726.1    IGPKP   174
consensus                                    !!!*!
```

X non conserved

X similar

X $\geq$ 50% conserved