```
logo

NTDB id 1013 ACIAD RS15180 WP 004923726.1        .MNNKILWLGLVILGLSGCDSRIDAIHQEMATIRNQPPLPIEPAPVFMPVPSFQYSASQLRNPFLPSSLAAELKIMSGKR   79
NTDB id 244138 Aba9201 RS15220 WP 000695058.1   MKIKQITLCVLASVVLVGCDSRIDAVNQEMANIRNQPPLPIEPAPIFTPVPQFNYAAHQLKSPFMPSSLAAELKIMAGKR   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 244138 Aba9201 RS15220 WP 000695058.1   VYPNFSRAPQPLESYALEALNMKGSMRNNRGQILALIQSPDQQIERVQVGNYMGMNQGRITHISPTQIDLVEIVPDGREG   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 244138 Aba9201 RS15220 WP 000695058.1   YVERPRTLVLIGPAP   175
NTDB id 1057 ABD1 RS15855 WP 000695065.1        YVERPRTLVLIGPAP   175
consensus                                       !*!!!!*!!!!!!!*!
```

X non conserved
X similar
X $\geq$ 50% conserved