

```
NTDB id 1013 ACIAD RS15180 WP 004923726.1    MN.NKILWLGLVILGLSGCDSRIDAIHQEMATIRNQPPLPIEPAPVFMPVPSFQYSASQLRNPFLPSSLAAELKIMSGKR   79
NTDB id 107115 A3K93 RS11190 WP 067731290.1  MKILKLTSAVMLGYLLVGCESRIDVVNQEMANIRNQPALPIEPAPDFPPAETFNYAAQQLKSPFLPSSLAAELKVMEGKR   80
NTDB id 1057 ABD1 RS15855 WP 000695065.1     MKIKQITLYVLACAVLVGCDSRIDAVNQEMANIRNQPPLPIEPAPIFTPVPQFNYAAHQLKSPFMPSSLAAELKIMAGKR   80
consensus                                    !** *** ***  *!*!!*!!!!***!!!!*!!!!!*!!!!!!!*! !***!*!*! !!**!!*!!!!!!!!!*! !!!
```



```
NTDB id 1013 ACIAD RS15180 WP 004923726.1    VYPNLARPKQPLESYALESLTMKGSMRKINAQIMALIQTPDNEIERVQVGNYIGLNYGRIIRITPTQIDLMEIVPDGHDG  159
NTDB id 107115 A3K93 RS11190 WP 067731290.1  VYPNFSRQLQPLESYPLESLNMKGSLKNQAGQIVALIQTPDGEIERIQRGSYMGLNHGRVVNIIPTQIDLIEIIPDGREG  160
NTDB id 1057 ABD1 RS15855 WP 000695065.1     VYPNFSRAPQPLESYALEALNMKGSMRNNRGQILALIQTPDQQIERVQVGNYMGMNQGRITHISPTQIDLVEIVPDGREG  160
consensus                                    !!!!**!  !!!!!!*!!*!*!!!!****  *!!*!!!!!!!**!!!*!*!*!*!*! !!** !*!!!!!!*!!*!!!**!
```



```
NTDB id 1013 ACIAD RS15180 WP 004923726.1    YIERPRSLVLIGPKP   174
NTDB id 107115 A3K93 RS11190 WP 067731290.1  YVERPRSLVLIGPTP   175
NTDB id 1057 ABD1 RS15855 WP 000695065.1     YVERPRTLVLIGPAP   175
consensus                                    !*!!!!*!!!!!!! !
```

X non conserved

X similar

X ≥ 50% conserved