```
logo

NTDB id 191739 A6L58 RS10215 WP 002258504.1   MSENKQNEVLSGYEQLKRRNRRRLVTASCLVAASCILLAAALSSGPAEQTA....GETSGVENKAAGAAQTPALKS....   72
NTDB id 1129 NGFG RS01435 WP 003687618.1      MSENKQNEVLTGYEQLKRRNRRRLVTASSLVAASCILLAAALSSDPADSNPAPQAGETGATESQTANTAQTPALKSAAEN   80
consensus                                     !!!!!!!!!!*!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!! !!*  *****!!! * !   !  !!!!!!!!****

logo

NTDB id 191739 A6L58 RS10215 WP 002258504.1   ...AADKPQDLAGEDKPSAADSEISEPENVGAPLVLINDRLEDSNIKGLESSAKPKQEEAAEKPQQAETAKTAPKQAKQR  149
NTDB id 1129 NGFG RS01435 WP 003687618.1      GETAADKPQDLAGEDKPSAADSEISEPENVGAPLVLINDRLEDSNIKGLEESE.........KLQQAETAKTEPKQAKQR  151
consensus                                     ***!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! ! *********!*!!!!!!!! !!!!!!!

logo

NTDB id 191739 A6L58 RS10215 WP 002258504.1   AAEKVPATADSTDTVAVEKPKRTAETKPQKAERTAKAKPKAKETKTAEKVADKPKTAAEKTKPDTAKSDSAVKEAKKADK  229
NTDB id 1129 NGFG RS01435 WP 003687618.1      AAEKVSATADSTDTVAVEKPKRSAEPKPQKAERTAEAKPKAKETKTAEKVADKPKTAAEKTKPDTAKSDSAVKEAKKADK  231
consensus                                     !!!!!*!!!!!!!!!!!!!!!!*!!*!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 191739 A6L58 RS10215 WP 002258504.1   AESKKTAEKDRSDGKKHETAQKTDKADKTKTAEKEKS...GKKAAIQAGYAEKERALSLQRKMKAAGIDSTITEIMTDNG  306
NTDB id 1129 NGFG RS01435 WP 003687618.1      AEGKKTAEKDRSDGKKHETAQKTDKADKTKTAEKEKSGKAGKKAAIQAGYAEKERALSLQRKMKAAGIDSTITEIMTDNG  311
consensus                                     !! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!***!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 191739 A6L58 RS10215 WP 002258504.1   KVYRVKSSNYKNARDAERDLNKLRVHGIAGQVTNE  341
NTDB id 1129 NGFG RS01435 WP 003687618.1      KVYRVKSSNYKNARDAERDLNKLRVHGIAGQVTNE  346
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

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