```
logo

NTDB id 196991 BFO62 RS03780 WP 002221268.1  MSENKQNEVLSGYEQLKRRNRRRLVTASCLVAASCILLAAALSSGPAEQT....AGETNGVENKAAGAAQTPALKS....   72
NTDB id 1129 NGFG RS01435 WP 003687618.1     MSENKQNEVLTGYEQLKRRNRRRLVTASSLVAASCILLAAALSSDPADSNPAPQAGETGATESQTANTAQTPALKSAAEN   80
consensus                                    !!!!!!!!!!*!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!! !!*  ****!!!! * !   !  !!!!!!!!****

logo

NTDB id 196991 BFO62 RS03780 WP 002221268.1  ...AADKPQDLAGEDKPSAADSEISEPENVGAPLVLINDRLEDSNIKGLEASEKLQQAETAKTAPKQAKQRAAEKVPATA  149
NTDB id 1129 NGFG RS01435 WP 003687618.1     GETAADKPQDLAGEDKPSAADSEISEPENVGAPLVLINDRLEDSNIKGLEESEKLQQAETAKTEPKQAKQRAAEKVSATA  160
consensus                                    ***!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!! !!!!!!!!!!!!*!!!

logo

NTDB id 196991 BFO62 RS03780 WP 002221268.1  DSTDTVAVEKPKRTAETKPQKAERTAKAKPKAKETKTAEKVADKPKTAAEKTKPDTAKSDSAVKETKKADKAESKKTAEK  229
NTDB id 1129 NGFG RS01435 WP 003687618.1     DSTDTVAVEKPKRSAEPKPQKAERTAEAKPKAKETKTAEKVADKPKTAAEKTKPDTAKSDSAVKEAKKADKAEGKKTAEK  240
consensus                                    !!!!!!!!!!!!!!*!!*!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!! !!!!!!

logo

NTDB id 196991 BFO62 RS03780 WP 002221268.1  DRSDGKKHETAQKTDKADKTKTAEKEKS...GKKAAIQAGYAEKERALSLQRKMKAAGIDSTITEIMTDNGKVYRVKSSN  306
NTDB id 1129 NGFG RS01435 WP 003687618.1     DRSDGKKHETAQKTDKADKTKTAEKEKSGKAGKKAAIQAGYAEKERALSLQRKMKAAGIDSTITEIMTDNGKVYRVKSSN  320
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!***!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 196991 BFO62 RS03780 WP 002221268.1  YKNARDAERDLNKLRVHGIAGQVTNE   332
NTDB id 1129 NGFG RS01435 WP 003687618.1     YKNARDAERDLNKLRVHGIAGQVTNE   346
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!
```

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