```
logo

NTDB id 122246 M0579 RS08620 WP 002219588.1  MSENKQNEVLSGYEQLKRRNRRRLVTASCLVAASCILLAAALSSGPAEQTA....GETSGVENKAAGAAQTPALKS....   72
NTDB id 1129 NGFG RS01435 WP 003687618.1     MSENKQNEVLTGYEQLKRRNRRRLVTASSLVAASCILLAAALSSDPADSNPAPQAGETGATESQTANTAQTPALKSAAEN   80
consensus                                    !!!!!!!!!!*!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!! !!*  *****!!! * !   !  !!!!!!!!****

logo

NTDB id 122246 M0579 RS08620 WP 002219588.1  ...AADKPQDLAGEDKPSAADSEISEPENVGAPLVLINERLEDSNIKGLEASEKLQQAETAKTAPKQAKQRAAEKVPATA  149
NTDB id 1129 NGFG RS01435 WP 003687618.1     GETAADKPQDLAGEDKPSAADSEISEPENVGAPLVLINDRLEDSNIKGLEESEKLQQAETAKTEPKQAKQRAAEKVSATA  160
consensus                                    ***!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!! !!!!!!!!!!!! !!!!!!!!!!!!*!!!

logo

NTDB id 122246 M0579 RS08620 WP 002219588.1  DSTDTVAVEKPKRTAETKPQKAERTAKAKPKAKETKTAEKVADKPKTAAEKTKPDTAKSDSAVKEAKKADKAESKKTAEK  229
NTDB id 1129 NGFG RS01435 WP 003687618.1     DSTDTVAVEKPKRSAEPKPQKAERTAEAKPKAKETKTAEKVADKPKTAAEKTKPDTAKSDSAVKEAKKADKAEGKKTAEK  240
consensus                                    !!!!!!!!!!!!!!*!!*!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 122246 M0579 RS08620 WP 002219588.1  DRSDGKKHETAQKTDKADKTKTAEKEKS...GKKAAIQAGYAEKERALSLQRKMKAAGIDSTITEIMTDNGKVYRVKSSN  306
NTDB id 1129 NGFG RS01435 WP 003687618.1     DRSDGKKHETAQKTDKADKTKTAEKEKSGKAGKKAAIQAGYAEKERALSLQRKMKAAGIDSTITEIMTDNGKVYRVKSSN  320
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!***!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 122246 M0579 RS08620 WP 002219588.1  YKNARDAERDLNKLRVHGIAGQVTNE   332
NTDB id 1129 NGFG RS01435 WP 003687618.1     YKNARDAERDLNKLRVHGIAGQVTNE   346
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!
```

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