```
logo

NTDB id 1148899 DG022 RS04095 WP 002482781.1  MKIFICEDDERQREHMVSIINNYIMIEEKPMEIEVATADPYDILERSKNLNDIGCYFLDIQLEADINGIKLASEIRKHDP   80
NTDB id 7 SA RS10585 WP 000688492.1           MKIFICEDDPKQRENMVTIIKNYIMIEEKPMEIALATDNPYEVLEQAKNMNDIGCYFLDIQLSTDINGIKLGSEIRKHDP   80
consensus                                     !!!!!!!!!**!!!*!!*!! !!!!!!!!!!!! *!!  !!**!!  !!*!!!!!!!!!!!!  !!!!!!!*!!!!!!!!

logo

NTDB id 1148899 DG022 RS04095 WP 002482781.1  VGNIIFVTSHSELTYLTFVYKVAAMDFIFKDDPDELKSRIIDCLETSESRLKLLSKESSVETIELKRGSNSIYVQYDDVM   160
NTDB id 7 SA RS10585 WP 000688492.1           VGNIIFVTSHSELTYLTFVYKVAAMDFIFKDDPAELRTRIIDCLETAHTRLQLLSKDNSVETIELKRGSNSVYVQYDDIM   160
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!**!!!!!!!! **!! !!!!* !!!!!!!!!!!!!*!!!!!!*!

logo

NTDB id 1148899 DG022 RS04095 WP 002482781.1  FFESSTKSHRLIAHLDNRQIEFYGNLKELDQLDERFFRCHNSFVVNRHNIDSIDSKSRVVYFKNNEHCYASVRNVKKI   238
NTDB id 7 SA RS10585 WP 000688492.1           FFESSTKSHRLIAHLDNRQIEFYGNLKELSQLDDRFFRCHNSFVVNRHNIESIDSKERIVYFKNKEHCYASVRNVKKI   238
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!*!!!!!!!!!!!!!!!!!*!!!!!! !*!!!!!! !!!!!!!!!!!!!
```

X non conserved

X similar

X ≥ 50% conserved