```
logo

NTDB id 339011 EQ030 RS04160 WP 002482781.1  MKIFICEDDERQREHMVSIINNYIMIEEKPMEIEVATADPYDILERSKNLNDIGCYFLDIQLEADINGIKLASEIRKHDP   80
NTDB id 7 SA RS10585 WP 000688492.1          MKIFICEDDPKQRENMVTIIKNYIMIEEKPMEIALATDNPYEVLEQAKNMNDIGCYFLDIQLSTDINGIKLGSEIRKHDP   80
consensus                                    !!!!!!!!!**!!!*!!*!! !!!!!!!!!!!! *!!  !!**!!  !!*!!!!!!!!!!!!  !!!!!!!*!!!!!!!!

logo

NTDB id 339011 EQ030 RS04160 WP 002482781.1  VGNIIFVTSHSELTYLTFVYKVAAMDFIFKDDPDELKSRIIDCLETSESRLKLLSKESSVETIELKRGSNSIYVQYDDVM  160
NTDB id 7 SA RS10585 WP 000688492.1          VGNIIFVTSHSELTYLTFVYKVAAMDFIFKDDPAELRTRIIDCLETAHTRLQLLSKDNSVETIELKRGSNSVYVQYDDIM  160
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!**!!!!!!!! **!! !!!!* !!!!!!!!!!!!!*!!!!!!*!

logo

NTDB id 339011 EQ030 RS04160 WP 002482781.1  FFESSTKSHRLIAHLDNRQIEFYGNLKELDQLDERFFRCHNSFVVNRHNIDSIDSKSRVVYFKNNEHCYASVRNVKKI  238
NTDB id 7 SA RS10585 WP 000688492.1          FFESSTKSHRLIAHLDNRQIEFYGNLKELSQLDDRFFRCHNSFVVNRHNIESIDSKERIVYFKNKEHCYASVRNVKKI  238
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!*!!!!!!!!!!!!!!!!!*!!!!! !*!!!!! !!!!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved