```
logo

NTDB id 113221 SA268 RS06020 WP 000620183.1   MIRLFLLKLYWAHFSTKQIHQFLMAYPNVIKEGGRKKDSYLCEWVNREENVHLLRKYYAFIKLDHNDIIKELQKLKVSYI   80
NTDB id 40 MW RS06080 WP 000593192.1          MIKLFLLKLYWAHFSTKQIHQFLMAYPNVIKEEGRKKDSYLCEWVNREENVHLLRKYYAFIKLDHNDIIKELQKLKVSYI   80
NTDB id 25 SA RS06185 WP 000593194.1          MIKLFLLKLYWAHFSTKQIHQFLMAYPNVIKEEGRKKDSYLCEWVNREENVLLLRKYYAFIKLDHNDIIKELQKLKVSYI   80
consensus                                     !!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 113221 SA268 RS06020 WP 000620183.1   TYMDTEYPVLLKEIYQFPLLLFYKGNINLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGLAQGADAMAHQ   160
NTDB id 40 MW RS06080 WP 000593192.1          TYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGLAQGADAMAHQ   160
NTDB id 25 SA RS06185 WP 000593194.1          TYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGLAQGADAMAHQ   160
consensus                                     !!!!*!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 113221 SA268 RS06020 WP 000620183.1   IALKYNLPTIAVLAFGHQIHYPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLSKGVLITEAKEQSGSHI   240
NTDB id 40 MW RS06080 WP 000593192.1          IALKYNLPTIAVLAFGHQTHYPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLSKGVLITEAKEQSGSHI   240
NTDB id 25 SA RS06185 WP 000593194.1          IALKYNLPTIAVLAFGHQTHYPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLSKGVLITEAKEQSGSHI   240
consensus                                     !!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 113221 SA268 RS06020 WP 000620183.1   TIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI   290
NTDB id 40 MW RS06080 WP 000593192.1          TIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI   290
NTDB id 25 SA RS06185 WP 000593194.1          TIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI   290
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved