logo

```
NTDB id 434 SGO RS09485 WP 012130954.1      MLNLFSYDFMQRAFLAVIAMSLFSPILGTFLILRRQSLMSDTLSHVSLAGVAFGLVLGLSPTLTTVIVVMIAAVFLEYLR   80
NTDB id 37237 SPN032672 RS04850 WP 000950021.1 MLSLLSYDFIQRAFLAVIAMSLFSPVLGTFLILRRQSLMSDTLSHVSLSGVAFGLVLGISPTVSTIAIVLIAAVFLEYLR   80
NTDB id 437 SPR RS10075 WP 000950018.1      MLSLLSYDFIQRAFLAVIAMSLFSPVLGTFLILRRQSLMSDTLSHVSLSGVAFGLVLGISPTVSTIAIVLIAAVFLEYLR   80
consensus                                   !!*!*!!!!*!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!*!!!**!***!*!!!!!!!!!!
```

logo

```
NTDB id 434 SGO RS09485 WP 012130954.1      TIYKNFMEIGTAILMSTGLAISLIVMSKGKSSSSMSLDQYLFGSIVTISTEQVISLFVIAAVVLILTFLFIRPMYILTFD   160
NTDB id 37237 SPN032672 RS04850 WP 000950021.1 TVYKSFMEIGTAILMSTGLAVSLIVMSKGRSSSSMSLDQYLFGSIVTISEEQVISLFVIAAVVLILTFLFLRPMYILTFD   160
NTDB id 437 SPR RS10075 WP 000950018.1      TVYKSFMEIGTAILMSTGLAVSLIVMSKGKSSSSMSLDQYLFGSIVTISEEQVISLFVIAAVVLILTFLFLRPMYILTFD   160
consensus                                   !*!!*!!!!!!!!!!!!!!!!*!!!!!!!!*!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!
```

logo

```
NTDB id 434 SGO RS09485 WP 012130954.1      EDTAFVDGLPVRTMSILFNIVTGVAIALMIPAAGALLVSTIMVLPASIALRIGKNFKSVILLANIIGFFGMIAGLYISYY   240
NTDB id 37237 SPN032672 RS04850 WP 000950021.1 EDTAFVDGLPVRTMSILFNMVTGVAIALMIPAAGALLVSTIMVLPASIALRLGKNFKSVMLLASAIGFLGMVAGLYISYY   240
NTDB id 437 SPR RS10075 WP 000950018.1      EDTAFVDGLPVRTMSILFNMVTGVAIALMIPAAGALLVSTIMVLPASIALRLGKNFKSVMLLASAIGFLGMVAGLYISYY   240
consensus                                   !!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!*!!!**!!!*!!*!!!!!!!!!
```

logo

```
NTDB id 434 SGO RS09485 WP 012130954.1      AETPASASITIIFVSLFLVVNLIKKFVK   268
NTDB id 37237 SPN032672 RS04850 WP 000950021.1 AETPASASITIIFVTVFILISLVRRFIK   268
NTDB id 437 SPR RS10075 WP 000950018.1      AETPASASITIIFVTVFILISLVRRFIK   268
consensus                                   !!!!!!!!!!!!!!!**!****!***!*!
```

X non conserved

X similar

X ≥ 50% conserved