```
logo                                                  MWKKKKVKAGVLLYAVTIAAIFSLLLQFYLNRQVAHYQDYALNKEKLVAFAMAKRTKDKVEQESGEQFFNLGQVSYQNKK
NTDB id 276 KZH43 RS09235 WP 000265622.1              MWKKKKVKAGVLLYAVTIAAIFSLLLQFYLNRQVAHYQDYALNKEKLVAFAMAKRTKDKVEQESGEQFFNLGQVSYQNKK   80
NTDB id 235 SPD RS09865 WP 000265622.1                MWKKKKVKAGVLLYAVTIAAIFSLLLQFYLNRQVAHYQDYALNKEKLVAFAMAKRTKDKVEQESGEQFFNLGQVSYQNKK   80
NTDB id 201 SPR RS09400 WP 000265622.1                MWKKKKVKAGVLLYAVTIAAIFSLLLQFYLNRQVAHYQDYALNKEKLVAFAMAKRTKDKVEQESGEQFFNLGQVSYQNKK   80
NTDB id 166 SP RS10350 WP 000265622.1                 MWKKKKVKAGVLLYAVTIAAIFSLLLQFYLNRQVAHYQDYALNKEKLVAFAMAKRTKDKVEQESGEQFFNLGQVSYQNKK   80
NTDB id 46439 UKS RS01020 WP 156011421.1              MWKKKKVKAGVLLYAVTMAAVFSLLLQFYLNRQVAHHQDHALNKEKLIAFAMAKRTKDKVDKKSGEQAFNLGQVSYQNKK   80
NTDB id 534 SMSK321 RS0102610 WP 000265640.1          MWKKQKVKAGVLIYAVTIAAIFSLLLQFYLNRQVAHYQDYALNKEKLIAFAMAKRTKGKVEQESGEQAFNLGQVSYQNKK   80
NTDB id 506 SM12261 RS00975 WP 000265657.1            MWKKQKVKAGVLLYAVTMAAIFSLLLQFYLNRQVAHYQDYTLNKEKLVAFAMAKRTKDKVEQESGEQAFNLGQVSYQNKK   80
consensus                                             !!!!*!!!!!!!*!!!!*!!*!!!!!!!!!!!!!!!*!!**!!!!!!*!!!!!!!!!*!!***!!!!*!!!!!!!!!!!!
```

```
logo                                                  TGLVTRVRTDKSQYEFLFPSVKIKEEKRDKKEEVATDSSEKVEKKKSEEKPEKKENS
NTDB id 276 KZH43 RS09235 WP 000265622.1              TGLVTRVRTDKSQYEFLFPSVKIKEEKRDKKEEVATDSSEKVEKKKSEEKPEKKENS   137
NTDB id 235 SPD RS09865 WP 000265622.1                TGLVTRVRTDKSQYEFLFPSVKIKEEKRDKKEEVATDSSEKVEKKKSEEKPEKKENS   137
NTDB id 201 SPR RS09400 WP 000265622.1                TGLVTRVRTDKSQYEFLFPSVKIKEEKRDKKEEVATDSSEKVEKKKSEEKPEKKENS   137
NTDB id 166 SP RS10350 WP 000265622.1                 TGLVTRVRTDKSQYEFLFPSVKIKEEKRDKKEEVATDSSEKVEKKKSEEKPEKKENS   137
NTDB id 46439 UKS RS01020 WP 156011421.1              TSLVTRVRTTKSQYEFLFPSVKIKEEKTDKKEEVVTDSSNQAEKNKSEEKSEKKENS   137
NTDB id 534 SMSK321 RS0102610 WP 000265640.1          TSLVTRVRTPKSQYEFIFPSVKLKEEKTAKKEKVVTDSSNQAEKKKSEEKVEKKENS   137
NTDB id 506 SM12261 RS00975 WP 000265657.1            TSLVTTVRTPKSQYEFIFPSVKIKEEKTDKKEKVVTDSSNQAEKKKSEEKVEKKENF   137
consensus                                             !*!!!*!!!*!!!!!!!*!!!!!*!!!!**!!!*!*!!!!***!!*!!!!!*!!!!!*
```

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