```
NTDB id 58125 SPN994038 RS09865 WP 000250542.1  MVQNSCWQSKSHKVKAFTLLESLLALIVISGGLLLFQTMSQLLISEVRYQQQSEQKEWLLFVDQLEAELDRSQFEKVEGN  80
NTDB id 275 KZH43 RS09240 WP 000250534.1        MVQNSCWQSKSHKVKAFTLLESLLALIVISGGLLLFQAMSQLLISEVRYQQQSEQKEWLLFVDQLEVELDRSQFEKVEGN  80
NTDB id 234 SPD RS09870 WP 000250534.1          MVQNSCWQSKSHKVKAFTLLESLLALIVISGGLLLFQAMSQLLISEVRYQQQSEQKEWLLFVDQLEVELDRSQFEKVEGN  80
NTDB id 200 SPR RS09405 WP 000250534.1          MVQNSCWQSKSHKVKAFTLLESLLALIVISGGLLLFQAMSQLLISEVRYQQQSEQKEWLLFVDQLEVELDRSQFEKVEGN  80
NTDB id 165 SP RS10355 WP 000250534.1           MVQNSCWQSKSHKVKAFTLLESLLALIVISGGLLLFQAMSQLLISEVRYQQQSEQKEWLLFVDQLEVELDRSQFEKVEGN  80
NTDB id 533 SMSK321 RS09215 WP 000250512.1      MVQNSCWLSKSHKVKAFTLLESLIALIVISGSLLLFQAMSQLLISEVRYQQQSEQKEWLLFVDQLEAELDRSQFEKIEGN  80
NTDB id 505 SM12261 RS00970 WP 000250509.1      MVQNSCWLSKSHKIKAFTLLESLIALIVISGSLLLFQAMSQLLISEVRYQQQSEQKEWLLFVDQLEAELDRSQFEKVEGD  80
consensus                                       !!!!!!!*!!!!!*!!!!!!!!!*!!!!!!!*!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!*!!*
```

```
NTDB id 58125 SPN994038 RS09865 WP 000250542.1  RLYMKQDGKDIAIGKSKSDDFRKTNARGRGYQPMVYGLKSAQITEDNQLVHFRFQFQKGLEREFIYRVEKEKS  153
NTDB id 275 KZH43 RS09240 WP 000250534.1        RLYMKQDGKDIAIGKSKSDDFRKTNARGRGYQPMVYGLKSVRITEDNQLVRFHFQFQKGLEREFIYRVEKEKS  153
NTDB id 234 SPD RS09870 WP 000250534.1          RLYMKQDGKDIAIGKSKSDDFRKTNARGRGYQPMVYGLKSVRITEDNQLVRFHFQFQKGLEREFIYRVEKEKS  153
NTDB id 200 SPR RS09405 WP 000250534.1          RLYMKQDGKDIAIGKSKSDDFRKTNARGRGYQPMVYGLKSVRITEDNQLVRFHFQFQKGLEREFIYRVEKEKS  153
NTDB id 165 SP RS10355 WP 000250534.1           RLYMKQDGKDIAIGKSKSDDFRKTNARGRGYQPMVYGLKSVRITEDNQLVRFHFQFQKGLEREFIYRVEKEKS  153
NTDB id 533 SMSK321 RS09215 WP 000250512.1      RIYMKQDGKDISIGKLKSDDFRKTDASGRGYQPMVYGLKSAQITEDNQLVRFRFQFQKGLEREFIYRVEKAKS  153
NTDB id 505 SM12261 RS00970 WP 000250509.1      RIYMKQDGKEIAIGKSKSDDFRKTDASGRGYQPMVYGLKSAQITEENQVVRFRFQFQKGLEREFIYRVEKAKS  153
consensus                                       !*!!!!!!!!*!*!!!*!!!!!!!!!*!*!!!!!!!!!!!!!!!!**!!!*!!!*!*!*!!!!!!!!!!!!!!!!!*!!
```

X non conserved
X similar
X ≥ 50% conserved