```
logo
```

```
NTDB id 113 BSU 40900 NP 391970.1          MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVIWRRQAENVANFLKKGSLAGVDGRLQTR  80
NTDB id 207348 LS838 RS00040 WP 050951859.1 MINNVVLVGRLTRDPELRTTGSGISVATFTLAVDRQFTNASGQREADFISCVIWRKAAENFCNFTSKGSLVGIQGRIQTR  80
NTDB id 624 LCA RS00040 WP 011373726.1     MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR  80
consensus                                  !*!*!!!!!!!!*!**!!*!  *!**!*!!**!!*!*!!!**!*!!!!!!*!!*!!* !!!**!!**!!!!*!**!!*!!!
```

```
logo
```

```
NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAPSVQFLEPKNGGGSG.....SG.........GYNEGNSGGGQYFGGGQNDNPFGGN........  139
NTDB id 207348 LS838 RS00040 WP 050951859.1 NYDNKDGQRVYVTEVLVDNFSLLESRRDRESRQQNGGFGGQGQSQNTGFNTGFGGDSGY....ANNNAFGSPAQSNGPAN  156
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNG..............SQQSGFTSPQQT.....  140
consensus                                  !!*!**!!!!*!!!!*******!!**   ****  ****     *  !** *  *   *     ****!***  **
```

```
logo
```

```
NTDB id 113 BSU 40900 NP 391970.1          ...QNNQRRNQGNSFNDDPFANDGKPIDISDDDLPF  172
NTDB id 207348 LS838 RS00040 WP 050951859.1 AGFNEDNKKDAGGDTNTNPFDSSDDAINVSNDDLPF  192
NTDB id 624 LCA RS00040 WP 011373726.1     ......GNAPAANNTQADPFANNGQAIDISDDDLPF  170
consensus                                     *  *** *** ** *!!** * *!**!*!!!!!
```

X non conserved

X similar

X ≥ 50% conserved