```
logo
```



```
NTDB id 113 BSU 40900 NP 391970.1                MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVIWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 334817 EQJ03 RS00040 WP 003641634.1      MINRTILVGRLTRDPELRYTNGGAAVATFTIAVNRQFTNQNGEREADFISCVIWRKAAENFANFTHKGSLVGIDGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1           MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                        !*!!**!!!!!!*!**!!!!  !!!!*!!*!!!!*!!!**!*!!!!!!*!!*!!* !!!*!!!**!!!!*!*!!!*!!!
```

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logo
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```
NTDB id 113 BSU 40900 NP 391970.1                NYENQQGQRVFVTEVQAESVQFLEPKN........GGGSGSGGYNEGNSGGGQY..............FGGGQNDNPFGG   138
NTDB id 334817 EQJ03 RS00040 WP 003641634.1      NYENQQGVRVYVTEVVVENFSLLESRAESERHQSANGGSGNNNYNNGNSNYNNNNNGYSNQGQNAAPQQSSANNNNPFGN   160
NTDB id 624 LCA RS00040 WP 011373726.1           NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGAS...QNFNSNQS......NGS.QQSGFTSPQQ...........   139
consensus                                        !!!!!!!*!!*!!!!*******!!**  **  *  ***** ***! **!   *  **  **     ***  *** ****
```

```
logo
```



```
NTDB id 113 BSU 40900 NP 391970.1                NQNN......QRRNQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 334817 EQJ03 RS00040 WP 003641634.1      GNTGNASSAAPSSSANNNNQADPFANNGDQIDISDDDLPF   200
NTDB id 624 LCA RS00040 WP 011373726.1           .........TGNAPAANNTQADPFANNGQAIDISDDDLPF   170
consensus                                         *            **!* **!!!!!*!  !!!!!!!!!!
```

X non conserved

X similar

X ≥ 50% conserved