logo

```
NTDB id 624 LCA RS00040 WP 011373726.1      MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 112 BSU 36310 NP 391512.2           MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
NTDB id 280611 C7K38 RS04385 WP 123935013.1 MINNVVLVGRLTKDPDLRYTANGVAVATFTLAVNRTFTNQNGEREADFINCVIWRKAAENLANLGRKGALIGATGRIQTR   80
NTDB id 113 BSU 40900 NP 391970.1           MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
consensus                                   !*!*!*!!!!!!*!**!!!!**!*!!*****!!!!*!*!  !**!!!**!!**!!**!!!*!** *!!*!*!**!!*!!!
```

logo

```
NTDB id 624 LCA RS00040 WP 011373726.1      NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQ...SNGSQQSGFTSPQQTGNAPAANNTQADPFANN  157
NTDB id 112 BSU 36310 NP 391512.2           SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD...............................................  113
NTDB id 280611 C7K38 RS04385 WP 123935013.1 NYENQQGQRVFVTEVVAENFQLLEPRSVTEQRR..SSDGNSGGNQPNFGDNYNQ.....NQASQSSETPNFDRDNSDPFG  153
NTDB id 113 BSU 40900 NP 391970.1           NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQ.YFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFAND  159
consensus                                   *!!!**!**!*!!!!**** * ***** **** *   ********  ** * **  *  *****    **  *******
```

logo

```
NTDB id 624 LCA RS00040 WP 011373726.1      GQAIDISDDDLPF  170
NTDB id 112 BSU 36310 NP 391512.2           .............  113
NTDB id 280611 C7K38 RS04385 WP 123935013.1 GSSIDISDDDLPF  166
NTDB id 113 BSU 40900 NP 391970.1           GKPIDISDDDLPF  172
consensus                                   *  **********
```

X non conserved

X similar

X $\geq$ 50% conserved