```
logo
NTDB id 113 BSU 40900 NP 391970.1          MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 112 BSU 36310 NP 391512.2          MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
NTDB id 1139713 DQM82 RS08120 WP 002993238.1 MINNVVLVGRMTKDAELRYTPSQVAVATFTLAVNRTFKSQNGEREADFINCVIWRQPAENLANWAKKGALIGITGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1     MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                  !*!*!*!!!!*!*!**!!!!****!!****!!!!*! *  !**!!!**!!**!!**!!!*!** *!!*!*!**!!*!!!
```

```
logo
NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDP  155
NTDB id 112 BSU 36310 NP 391512.2          SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................................  113
NTDB id 1139713 DQM82 RS08120 WP 002993238.1 NYENQQGQRVYVTEVVADNFQMLESRATREGGSTGSFNGGFNNNTSSS..........NSYSAPAQQTP...NFGRDDSP  147
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ.......QSGFISPQQTGNAPAANNTQADP  153
consensus                                  *!!!**!**!*!!!!**** ****** * *****     *** *** * *         * *******     **   ****
```

```
logo
NTDB id 113 BSU 40900 NP 391970.1          FANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2          .................   113
NTDB id 1139713 DQM82 RS08120 WP 002993238.1 F.GNSNPMDISDDDLPF   163
NTDB id 624 LCA RS00040 WP 011373726.1     FANNGQAIDISDDDLPF   170
consensus                                  *****************
```

X non conserved

X similar

X $\geq$ 50% conserved