```
logo
NTDB id 400511 GJS33 RS01795 WP 111689845.1  MINNVVLVGRMTKDAELRYTPSQVAVATFTLAVNRAFKSQNGEREADFINCVIWRQQAENLANWAKKGALIGITGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1       MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 113 BSU 40900 NP 391970.1            MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 112 BSU 36310 NP 391512.2            MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
consensus                                    !*!*!*!!!!*!*!**!!!!****!!*****!!!!*! *  !**!!!**!!**!!**!!!*!** *!!*!*!**!!*!!!
```

```
logo
NTDB id 400511 GJS33 RS01795 WP 111689845.1  NYENQQGQRVYVTEVVADNFQMLESRATREASSSGSYGGGFNGSP...........TANSYSAPTQQ....TPNFGRDES   145
NTDB id 624 LCA RS00040 WP 011373726.1       NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ.......QSGFTSPQQTGNAPAANN.TQAD   152
NTDB id 113 BSU 40900 NP 391970.1            NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNS.FNDD   154
NTDB id 112 BSU 36310 NP 391512.2            SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................   113
consensus                                    *!!!**!**!*!!!!**** ****** * *****     ***  ** * *        * *******     **   ***
```

```
logo
NTDB id 400511 GJS33 RS01795 WP 111689845.1  PF.GGSNPMDISDDDLPF   162
NTDB id 624 LCA RS00040 WP 011373726.1       PFANNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1            PFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2            ................     113
consensus                                    **** *************
```

X non conserved

X similar

X $\geq$ 50% conserved