```
logo
NTDB id 142390 VK70 RS22075 WP 025694542.1  MLNRVILIGRLTRDPELRYTPAGVAVTQFTLAVDRPFTSQGGEREADFIPVVTWRQLAETCANYLRKGRLTAVEGRIQVRNYENN   85
NTDB id 624 LCA RS00040 WP 011373726.1      MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTRNYENQ   85
NTDB id 113 BSU 40900 NP 391970.1           MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTRNYENQ   85
NTDB id 112 BSU 36310 NP 391512.2           MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTRSYENE   85
consensus                                   !*!*!*!*!!!!*!**!!!!**!*!!*****!!*!*!** *!**!!!******!!**!!* !****!!*!**!*!!*!*!*!!!*
```

```
logo
NTDB id 142390 VK70 RS22075 WP 025694542.1  EGKRVYVTEVIADNVRFLESSSQSRESGNASGGGDMPE.....PPSYGGGGR........GNSGNSGFSRNNNQDPFSGDGKPIDI   157
NTDB id 624 LCA RS00040 WP 011373726.1      QGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ.......QSGFTSPQQTGNAPAANNTQADPFANNGQAIDI   163
NTDB id 113 BSU 40900 NP 391970.1           QGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFANDGKPIDI   165
NTDB id 112 BSU 36310 NP 391512.2           EGVNVYVTEVLADTVRFMDPKPREKAAD.........................................................   113
consensus                                    !**!*!!!!************ ***** **   **  ** * ** ***     *   *****   *** * ************
```

```
logo
NTDB id 142390 VK70 RS22075 WP 025694542.1  SDDDLPF   164
NTDB id 624 LCA RS00040 WP 011373726.1      SDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1           SDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2           .......   113
consensus                                   *******
```

X non conserved
X similar
X $\geq$ 50% conserved