```
logo

NTDB id 112 BSU 36310 NP 391512.2          MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTRSYENE   85
NTDB id 624 LCA RS00040 WP 011373726.1     MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTRNYENQ   85
NTDB id 115675 A433 RS12365 WP 012951949.1 MMNRVVLVGRLTKDPDLRYTPAGAAVATFTLAVNRTFTNQNGEREADFINCVVWRKPAENVANFLKKGSMAGVDGRVQTRNYEDS   85
NTDB id 113 BSU 40900 NP 391970.1          MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTRNYENQ   85
consensus                                  !*!*!*!!!!!!*!**!!!!**!!!!*****!!!!*!*!  !**!!!**!!*!*!!**!!!*!****!!!* !!*!!*!!!*!!**

logo

NTDB id 112 BSU 36310 NP 391512.2          EGVNVYVTEVLADTVRFMDPKPREKAAD...............................................   113
NTDB id 624 LCA RS00040 WP 011373726.1     QGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGS.......QQSGFTSPQQTGNAPAANNTQADPFANNGQAIDI   163
NTDB id 115675 A433 RS12365 WP 012951949.1 DGKRVFVTEVVAESVQFLESRNHAEGA....TSNNYQ.............NQVNYSNNSQTSSYRADTSQKSDSFANEGKPIDI   152
NTDB id 113 BSU 40900 NP 391970.1          QGQRVFVTEVQAESVQFLEPKNGGGSG....S.GGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFANDGKPIDI   165
consensus                                  *!**!*!!!!************ ****    ******  ** *         **  ** ****    **** * ************

logo

NTDB id 112 BSU 36310 NP 391512.2          .......   113
NTDB id 624 LCA RS00040 WP 011373726.1     SDDDLPF   170
NTDB id 115675 A433 RS12365 WP 012951949.1 NEDDLPF   159
NTDB id 113 BSU 40900 NP 391970.1          SDDDLPF   172
consensus                                  *******
```

X non conserved

X similar

X $\geq$ 50% conserved