```
logo

NTDB id 128293 PDUR RS26685 WP 025701889.1  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 128293 PDUR RS26685 WP 025701889.1  EGKRVYVTEVIADNVRFLESSSQSREGGNASGGGNM.....PEPPSYGGGGRGN........SGNGGFSRNNNQDPFSGDGKPIDI  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 128293 PDUR RS26685 WP 025701889.1  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