```
logo

NTDB id 158 SP RS09595 WP 000282442.1        MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTRRFEK.    84
NTDB id 113 BSU 40900 NP 391970.1            MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTRNYENQ    85
NTDB id 112 BSU 36310 NP 391512.2            MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTRSYENE    85
NTDB id 54321 SDSE RS19775 WP 002983122.1    MINNVVLVGRMTKDAELRYTPSQVAVATFTLAVNRTFKSQNGEREADFINCVIWRQPAENLANWAKKGALIGVTGRIQTRNYENQ    85
NTDB id 624 LCA RS00040 WP 011373726.1       MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTRNYENQ    85
consensus                                    !*!*!*!*!!*!****!**!  ***!*****!!!!*****!**!!!**!***!** !!**!** *!!*!**!*!***!!**!**

logo

NTDB id 158 SP RS09595 WP 000282442.1        NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.......................................DLADLVL   124
NTDB id 113 BSU 40900 NP 391970.1            QGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFANDGKPIDI   165
NTDB id 112 BSU 36310 NP 391512.2            EGVNVYVTEVLADTVRFMDPKPREKAAD.......................................................   113
NTDB id 54321 SDSE RS19775 WP 002983122.1    QGQRVYVTEVVADNFQMLESRATREGGSTGSFNGGFNNNTSSS..........NSYSAPAQQTP...NFGRDDSPF.GNSNPMDI   156
NTDB id 624 LCA RS00040 WP 011373726.1       QGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ.......QSGFTSPQQTGNAPAANNTQADPFANNGQAIDI   163
consensus                                    *!****!!!!*** *******     *         **   *               *    *             **      ***

logo

NTDB id 158 SP RS09595 WP 000282442.1        EEEELPF   131
NTDB id 113 BSU 40900 NP 391970.1            SDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2            .......   113
NTDB id 54321 SDSE RS19775 WP 002983122.1    SDDDLPF   163
NTDB id 624 LCA RS00040 WP 011373726.1       SDDDLPF   170
consensus                                    *******
```

X non conserved

X similar

X $\geq$ 50% conserved