```
logo
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 624 LCA RS00040 WP 011373726.1       ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG...DREADFINCVIWRKSAENFANFTKKGSLVGV   73
NTDB id 416821 E3S67 RS14305 WP 075111488.1  ....MLNRTILVGRLTRDPELRTTQSGVNVASFTLAVNRTFTNAQG...EREADFINVIVFKKQAENVNKYLSKGSLAGV   73
NTDB id 113 BSU 40900 NP 391970.1            ....MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG...EREADFINCVTWRRQAENVANFLKKGSLAGV   73
NTDB id 112 BSU 36310 NP 391512.2            ....MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASG...EIEADYVNCTLWRKTAENTALYCQKGSLVGV   73
consensus                                        **!***!*!*!**!***!** *!**!*****!******** *   ************ !!* * ***!!!****

logo
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMN.....VPAQQGSWGQPQQPAKQHQPMQQSA  155
NTDB id 624 LCA RS00040 WP 011373726.1       DGRLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQS..NGSQQSGFTSPQQTGNAP....AAN  147
NTDB id 416821 E3S67 RS14305 WP 075111488.1  DGRLQTRNYENKEGQRVYVTEVIADSIQFLEPKNSNDTQQDLYQQQVQQT.................RGQSQYS....NNK  133
NTDB id 113 BSU 40900 NP 391970.1            DGRLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRN....QGN  149
NTDB id 112 BSU 36310 NP 391512.2            SGRIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................  113
consensus                                    *!**!!!***** !*****!!!*********** **    *            *   *   **         *

logo
NTDB id 1166 A1552VC RS00795 WP 000168289.1  PQQYSQPQYNEPPM.DFDDDIPF  177
NTDB id 624 LCA RS00040 WP 011373726.1       NTQADPFANNGQAIDISDDDLPF  170
NTDB id 416821 E3S67 RS14305 WP 075111488.1  PVKDNPFANANGPIEIDDNDLPF  156
NTDB id 113 BSU 40900 NP 391970.1            SFNDDPFANDGKPIDISDDDLPF  172
NTDB id 112 BSU 36310 NP 391512.2            ........................  113
consensus                                      *  ****   **** ******
```

X non conserved

X similar

X $\geq$ 50% conserved