```
logo
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 404873 GE024 RS09000 WP 003045179.1  ....MINNVVLVGRMTKDAELRYTPSQVAVATFTLAVNRNFKSQNG...EREADFISCVIWRQPAENLANWAKKGALIGI   73
NTDB id 624 LCA RS00040 WP 011373726.1       ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG...DREADFINCVIWRKSAENFANFTKKGSLVGV   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  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMNVPAQQ.G..........SWGQPQQPAKQHQ  149
NTDB id 404873 GE024 RS09000 WP 003045179.1  TGRIQTRNYENQQGQRVYVTEVVADNFQMLESRATREGGSTGSF.NGGFNNNAPSSNSYSAPAQQTPNF...........  141
NTDB id 624 LCA RS00040 WP 011373726.1       DGRLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGA.SQNFNSNQSNGSQ.......QSGFTSPQQTGNAPA  145
NTDB id 113 BSU 40900 NP 391970.1            DGRLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG......GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQ  147
NTDB id 112 BSU 36310 NP 391512.2            SGRIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.....................................  113
consensus                                    *!**!!!******!*****!!!*** ** ** *    ** *      ***                   *   **

logo
NTDB id 1166 A1552VC RS00795 WP 000168289.1  PMQQSAPQQYSQPQYNEPPMD.FDDDIPF   177
NTDB id 404873 GE024 RS09000 WP 003045179.1  ......GRDDSPF.GNSNPMDISDDDLPF   163
NTDB id 624 LCA RS00040 WP 011373726.1       A....NNTQADPFANNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1            G....NSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2            ..............................   113
consensus                                            *  **  *  ***********
```

X non conserved

X similar

X $\geq$ 50% conserved