```
logo
NTDB id 1166 A1552VC RS00795 WP 000168289.1      MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 624 LCA RS00040 WP 011373726.1           ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG...DREADFINCVIWRKSAENFANFTKKGSLVGV   73
NTDB id 44172 SAMSHR1132 RS09720 WP 000934772.1 ....MLNRTILVGRLTRDPELRTTQSGVNVASFTLAVNRTFTNAQG...EREADFINVIVFKKQAENVNKYLSKGSLTGV   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 44172 SAMSHR1132 RS09720 WP 000934772.1 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 44172 SAMSHR1132 RS09720 WP 000934772.1 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