```
logo
NTDB id 1166 A1552VC RS00795 WP 000168289.1   MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 624 LCA RS00040 WP 011373726.1        ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG...DREADFINCVIWRKSAENFANFTKKGSLVGV   73
NTDB id 112 BSU 36310 NP 391512.2             ....MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASG...EIEADYVNCTLWRKTAENTALYCQKGSLVGV   73
NTDB id 1147350 CKV71 RS12165 WP 095107126.1  ....MLNRVVLVGRLTRDPEYRTTPSGVSVATFTLAVNRTFTNAQG...EREADFINCVVFRKQAENVNNYLFKGSLAGV   73
NTDB id 113 BSU 40900 NP 391970.1             ....MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG...EREADFINCVTWRRQAENVANFLKKGSLAGV   73
consensus                                         **!*!*!*!*!**!***!****!**!*****!******** *    ************ !!* *****!!!****

logo
NTDB id 1166 A1552VC RS00795 WP 000168289.1   EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMNVPAQ.QGSWGQPQQPAKQHQPMQ....QSA   155
NTDB id 624 LCA RS00040 WP 011373726.1        DGRLQTRNYENQQGQRVYVTEVVVDNFSLLESFTTTEQRQG.DGASQNFNS....NQSNGSQQS..GFTSPQQTGNAPAA   146
NTDB id 112 BSU 36310 NP 391512.2             SGRIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................   113
NTDB id 1147350 CKV71 RS12165 WP 095107126.1  DGRLQSRSYENQEGRRIFVTEVVCDSVQFLEPKSQNQRHGG.QQSGGGNNQFQDYGQSYGGQQQGQNTSSYQNQ..NSSK   150
NTDB id 113 BSU 40900 NP 391970.1             DGRLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGS.....GSGGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQG   148
consensus                                     *!**!*! **** !*****!!!* *********       *     *  *      ****  **        **      *

logo
NTDB id 1166 A1552VC RS00795 WP 000168289.1   PQQYSQP..QYNEPPMDFDDDIPF   177
NTDB id 624 LCA RS00040 WP 011373726.1        NNTQADPFANNGQAIDISDDDLPF   170
NTDB id 112 BSU 36310 NP 391512.2             ........................   113
NTDB id 1147350 CKV71 RS12165 WP 095107126.1  SGQSDNPFANANGPIDISDDDLPF   174
NTDB id 113 BSU 40900 NP 391970.1             NSFNDDPFANDGKPIDISDDDLPF   172
consensus                                           ****   ***********
```

X non conserved

X similar

X $\geq$ 50% conserved