```
logo

NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 113 BSU 40900 NP 391970.1            ....MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG...EREADFINCVTWRRQAENVANFLKKGSLAGV   73
NTDB id 389079 F0M22 RS09625 WP 242755144.1 ....MINSVALTGRLTRNVDVRYTQSGTAVGSFTIAVDRQFRSANG...EHEADFINCVIWRKSAENLANFVKKGSLVGV   73
NTDB id 624 LCA RS00040 WP 011373726.1       ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG...DREADFINCVIWRKSAENFANFTKKGSLVGV   73
consensus                                        **!*!*!*!*!******!!***!*!!*****!*** * ****   ***************!!******!!!****

logo

NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMNV.....PAQQGSWGQPQQPAKQHQPMQQSA  155
NTDB id 113 BSU 40900 NP 391970.1            DGRLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGN....  149
NTDB id 389079 F0M22 RS09625 WP 242755144.1 EGRIQTRTYDNAQGQKVFITEVVVESFALLESRQASQNGTESQHATNRTAT.VISDGS..........HKKPKTSL....  138
NTDB id 624 LCA RS00040 WP 011373726.1       DGRLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNF.NS.NQSNGSQQSGFTSPQQTGNAPAAN....  147
consensus                                    *!**!!!******!!****!!!************** *****  ***  **   * ****  ** *** **  ***

logo

NTDB id 1166 A1552VC RS00795 WP 000168289.1  PQQYSQPQYNEPPMD.FDDDIPF   177
NTDB id 113 BSU 40900 NP 391970.1            SFNDDPFANDGKPIDISDDDLPF   172
NTDB id 389079 F0M22 RS09625 WP 242755144.1  SDSTDQFANNGKPIDISDDDLPF   161
NTDB id 624 LCA RS00040 WP 011373726.1       NTQADPFANNGQAIDISDDDLPF   170
consensus                                    * * **********!**!!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved