```
logo
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 583 DLJ51 RS09560 WP 002962590.1     ....MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQDG...ERQADFVNVVFWGKLAESLVSYAGKGSLVSL   73
NTDB id 239398 CGZ53 RS08110 WP 037592710.1  ....MINNVVLVGRMTKDAELRYTPSQVAVATFTLAVNRTFKSQNG...EREADFINCVIWRQPAENLANWAKKGALIGI   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  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMN...........VPAQQGSWGQPQQPAKQHQ  149
NTDB id 583 DLJ51 RS09560 WP 002962590.1     DGEIRTRHYEK.DGQTHYVTEILAQSFQLLESRAQRALRENNG.ASDLTD..............................  121
NTDB id 239398 CGZ53 RS08110 WP 037592710.1  TGRIQTRNYENQQGQRVYVTEVVAENFQMLESRATREGGSSNS.YSN..........TGFGNDASSNSYSAPSQQT...P  139
NTDB id 624 LCA RS00040 WP 011373726.1       DGRLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDG.ASQNFNSNQSNGSQ.......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 583 DLJ51 RS09560 WP 002962590.1     ...................LVLEEEELPF   131
NTDB id 239398 CGZ53 RS08110 WP 037592710.1  HFG....REESPF.GNANPMDISDDDLPF   163
NTDB id 624 LCA RS00040 WP 011373726.1       ANN....TQADPFANNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1            GNS....FNDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2            ............................   113
consensus                                                     *** ******
```

X non conserved

X similar

X $\geq$ 50% conserved