```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMP.SGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVY   79
NTDB id 583 DLJ51 RS09560 WP 002962590.1     ....MYNKVILIGRLTAAPEMVKTP.SNKSVTHITLAVNRRFKTQD...GERQADFVNVVFWGKLAESLVSYAGKGSLVS   72
NTDB id 409 SMU RS08940 WP 002263454.1       ....MYNKVILIGRLVATPEMVKTP.KDKSVTRVTLAVNRRFKSQD...GEKQADFVNVVLWGRLAETIASYGSKGSLIS   72
NTDB id 223583 B5S50 RS10825 WP 013240841.1  .....MNKVVLIGRLTKDPELRFTPGNGTAVTTFTIAVDRRFSK.D...GQKEADFIPIVVWGKQAESTANYMSKGKLIG   71
NTDB id 624 LCA RS00040 WP 011373726.1       ....MINRVVLVGRLTRDVDLRYTS.SGAAVGTFSMAVNRQFTNAN...GDREADFINCVIWRKSAENFANFTKKGSLVG   72
NTDB id 113 BSU 40900 NP 391970.1            ....MLNRVVLVGRLTKDPELRYTP.NGAAVATFTLAVNRTFTNQS...GEREADFINCVTWRRQAENVANFLKKGSLAG   72
NTDB id 112 BSU 36310 NP 391512.2            ....MFNQVMLVGRLTKDPDLRYTS.AGAAVAHVTLAVNRSFKNAS...GEIEADYVNCTLWRKTAENTALYCQKGSLVG   72
consensus                                        **!*!*!*!*!*!**********  ***!* ***!*** **      ************** !!  * *  !!****

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1166 A1552VC RS00795 WP 000168289.1  IEGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMNVPAQ...........QGSWGQPQQPAKQH  148
NTDB id 583 DLJ51 RS09560 WP 002962590.1     LDGEIRTRHYE.KDGQTHYVTEILAQSFQLLESRAQRALREN.NGAS................................  117
NTDB id 409 SMU RS08940 WP 002263454.1       LDGELRTRKYE.KDGVTHFVTEVLGHSFQLLESRAQRAMREN.NSEN................................  117
NTDB id 223583 B5S50 RS10825 WP 013240841.1  ISGRIQTRNYEAKDGTRRYVTEVIAEEVQFLEWGEKSAKNS........YNQT...SSENFGK.........T.......  124
NTDB id 624 LCA RS00040 WP 011373726.1       VDGRLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQG.DGASQNFNSNQSNGSQ.......QSGFTSPQQTGNAP  144
NTDB id 113 BSU 40900 NP 391970.1            VDGRLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG......GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRN  146
NTDB id 112 BSU 36310 NP 391512.2            VSGRIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................  113
consensus                                    **!***!! **  *!*  **!!******* ** *   *            *

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1166 A1552VC RS00795 WP 000168289.1  QPMQQSAPQQYSQPQYN...EPPMDFDDDIPF   177
NTDB id 583 DLJ51 RS09560 WP 002962590.1     ..................DLTDLVLEEEELPF   131
NTDB id 409 SMU RS08940 WP 002263454.1       ..................DLADLVLEEEELPF   131
NTDB id 223583 B5S50 RS10825 WP 013240841.1  ........QNFDENIYGEDI..TPVDDGDIPF   146
NTDB id 624 LCA RS00040 WP 011373726.1       ......AANNTQADPFANNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1            ......QGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2            ................................   113
consensus                                            *      *  *   * * ******
```

X non conserved

X similar

X $\geq$ 50% conserved