```
logo
NTDB id 217856 BXP28 RS16855 WP 036655661.1  ..MLNRVILIGRLTRDPELRYTPSGVAVTQFTLAVDRPYMNQQTRER..ETDFINIVTWRQLAETCANYLRKGRLTAVEG   76
NTDB id 624 LCA RS00040 WP 011373726.1       ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNA.NGDR..EADFINCVIWRKSAENFANFTKKGSLVGVDG   75
NTDB id 113 BSU 40900 NP 391970.1            ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQ.SGER..EADFINCVTWRRQAENVANFLKKGSLAGVDG   75
NTDB id 112 BSU 36310 NP 391512.2            ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNA.SGEI..EADYVNCTLWRKTAENTALYCQKGSLVGVSG   75
NTDB id 1131 NGFG RS05740 WP 003695064.1     .MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEG   78
NTDB id 1103 NMB RS07590 WP 002212976.1      .MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEG   78
NTDB id 1390 A4U84 RS00055 WP 021115958.1    MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEG   80
consensus                                      **!*!***!*!**!***!****! !!* ***!* *** *  ****  *********!* !!  *****!!******!

logo
NTDB id 217856 BXP28 RS16855 WP 036655661.1  RIQVRNYENNEGRKVYVTEIVADNVRFLESNNAGNRNNDEGSYS...NA...............GYG.....GGSRSG..   131
NTDB id 624 LCA RS00040 WP 011373726.1       RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ.......QSGFTSPQQTGNAPAA..   146
NTDB id 113 BSU 40900 NP 391970.1            RLQTRNYENQQGQRVRVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQG..   148
NTDB id 112 BSU 36310 NP 391512.2            RIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.........................................   113
NTDB id 1131 NGFG RS05740 WP 003695064.1     RIQSRKYQGKDGIERTAYDIVANEMKMLGGRNENSG.GA.PYDEGYGQSQ.............EAYQRPAQQSRQPAPDA   143
NTDB id 1103 NMB RS07590 WP 002212976.1      RIQSRKYQGKDGIERTAYDIVANEMKMLGGRNENSG.GA.PYEEGYGQSQ.............EAYQRPAQQSRQPASDA   143
NTDB id 1390 A4U84 RS00055 WP 021115958.1    KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGG.NQGSGWNQAPA..QTNYN....QGGYSDNYAQNNNFNGGN   153
consensus                                    ****! *****!  ********* ***** **       *      ** * *               **    **     *

logo
NTDB id 217856 BXP28 RS16855 WP 036655661.1  .......GSQQQDPFLDDSKPIDISDDDLPF   155
NTDB id 624 LCA RS00040 WP 011373726.1       .......NNTQADPFANNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1            .......NSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2            ................................   113
NTDB id 1131 NGFG RS05740 WP 003695064.1     PSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1      PSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ....ATRPQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                                *     * ***   ******
```

X non conserved

X similar

X $\geq$ 50% conserved