```
logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1      MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEG   80
NTDB id 1119744 EL077 RS01810 WP 126436329.1   ..MINNVVLVGRMTKDAELRYTPSQVAVATFTLAVNRAFKSQNG.E..READFINCVIWRQQAENLANWAKKGALIGITG   75
NTDB id 624 LCA RS00040 WP 011373726.1         ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG.D..READFINCVIWRKSAENFANFTKKGSLVGVDG   75
NTDB id 113 BSU 40900 NP 391970.1              ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG.E..READFINCVTWRRQAENVANFLKKGSLAGVDG   75
NTDB id 112 BSU 36310 NP 391512.2              ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASG.E..IEADYVNCTLWRKTAENTALYCQKGSLVGVSG   75
consensus                                        **!*!**!!****!***!*** **!!*****!***** *  * *  **********!**!!* *** *!!******!

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1      KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGG.NQGSGWNQAPAQ.TNYNQGGYSD.NYAQNNNFNGGNATRP   157
NTDB id 1119744 EL077 RS01810 WP 126436329.1   RIQTRNYENQQGQRVYVTEVVADNFQMLESRATREASSSGSYGGGFNGS...........PATNSYSAPTQQ....TPNF   140
NTDB id 624 LCA RS00040 WP 011373726.1         RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ.......QSGFTSPQQTGNAPAANN   148
NTDB id 113 BSU 40900 NP 391970.1              RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNS   150
NTDB id 112 BSU 36310 NP 391512.2              RIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................   113
consensus                                      ***!!******!*****!!**** ******* *     *     ***       *           *   **       *

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1      QPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1119744 EL077 RS01810 WP 126436329.1   GRDESPF.GGSNPMDISDDDLPF   162
NTDB id 624 LCA RS00040 WP 011373726.1         .TQADPFANNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1              .FNDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2              .......................   113
consensus                                           ****   ***********
```

X non conserved

X similar

X $\geq$ 50% conserved