```
logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1     MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEG   80
NTDB id 624 LCA RS00040 WP 011373726.1        ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDR...EADFINCVIWRKSAENFANFTKKGSLVGVDG   75
NTDB id 112 BSU 36310 NP 391512.2             ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEI...EADYVNCTLWRKTAENTALYCQKGSLVGVSG   75
NTDB id 236884 CEH05 RS20330 WP 014645360.1   ..MLNRVVLVGRLTKDPDLRYTPNGVAVANFTIAVNRPFSNNQGGQ...DADFLNCVVWRRAAENLANFMNKGSLVGVDG   75
NTDB id 113 BSU 40900 NP 391970.1             ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGER...EADFINCVTWRRQAENVANFLKKGSLAGVDG   75
consensus                                       **!*!**!!*!**!***!****!*!!****!*******  **    **********!* !!* *****!!!***!*!

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1     KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAP..AQTNYNQGGYSDNYAQNNNFNGGNATRPQ  158
NTDB id 624 LCA RS00040 WP 011373726.1        RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQG......DGASQNFNSNQSNGSQQSGFTSPQQ.TGNAPAANN  148
NTDB id 112 BSU 36310 NP 391512.2             RIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................  113
NTDB id 236884 CEH05 RS20330 WP 014645360.1   RLQSRSFDNQEGKRVFVTEVVADSVQFLESKGSSSQ..GGSNRGGSG....YQANQNGQPSGNNFGSNNN....NNNNNQ  145
NTDB id 113 BSU 40900 NP 391970.1             RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQYFGGGQNDNP....FGGNQN.NQRRNQGNS  150
consensus                                     ****! *****!*****!!************* *     *    *  **   ** ****      ** ***        **

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1     PAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 624 LCA RS00040 WP 011373726.1        TQADPFANNGQAIDISDDDLPF   170
NTDB id 112 BSU 36310 NP 391512.2             ......................   113
NTDB id 236884 CEH05 RS20330 WP 014645360.1   RDEDPFADNGEPIDISDDDLPF   167
NTDB id 113 BSU 40900 NP 391970.1             FNDDPFANDGKPIDISDDDLPF   172
consensus                                        ***** * ***********
```

X non conserved

X similar

X $\geq$ 50% conserved