```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1390 A4U84 RS00055 WP 021115958.1   MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEGKLKTR   85
NTDB id 624 LCA RS00040 WP 011373726.1      ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG.D..READFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 420415 M654 RS00625 WP 026589474.1 ..MLNRVVLVGRLTKDPELRYTPSGAAVATFTLAVNRTFTNQQG.E..READFINCVVWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 113 BSU 40900 NP 391970.1           ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG.E..READFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 112 BSU 36310 NP 391512.2           ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASG.E..IEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
consensus                                     **!*!**!!*!**!***!***  !*!!*****!*******  *  *  **********!**!!* *****!!!***!*!***!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1390 A4U84 RS00055 WP 021115958.1   KWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQG.SGWNQAPAQ.TNYNQGGYSDNYAQNNNFNGGNAT.....RPQPAQKP   163
NTDB id 624 LCA RS00040 WP 011373726.1      NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ............QSGFTSPQQTGNAPAANNTQADP   153
NTDB id 420415 M654 RS00625 WP 026589474.1 NYENQQGQRVYVTEVQAESVQFLEPKG.GGSGSG.....GYSGG..QGGQYFGGGQNE....PNPFGGSQNNQNRNQGNSFNDDP   153
NTDB id 113 BSU 40900 NP 391970.1           NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQN.....DNPFGGNQNNQRRNQGNSFNDDP   155
NTDB id 112 BSU 36310 NP 391512.2           SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................................   113
consensus                                   ******!*****!!*************  ** * *     *** *  ** **  **        * * * **      **  * **

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1390 A4U84 RS00055 WP 021115958.1   AAQAEPPMDNFDDDIPF   180
NTDB id 624 LCA RS00040 WP 011373726.1      FANNGQAIDISDDDLPF   170
NTDB id 420415 M654 RS00625 WP 026589474.1 FANDGKPIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1           FANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2           .................   113
consensus                                   *** * ***********
```

X non conserved

X similar

X $\geq$ 50% conserved