```
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 112 BSU 36310 NP 391512.2           ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASG.E..IEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
NTDB id 130844 EP23 RS22410 WP 037565084.1  ..MLNRVVLVGRLTKDPEYRTTPSGVGVATFTLAVNRTFTNNQG.E..READFINCVVFRKQAENVSNFLFKGSLAGVDGRLQSR   80
NTDB id 113 BSU 40900 NP 391970.1           ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG.E..READFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
consensus                                    **!*!**!!*!**!***!***  !**!*****!*******  * *  **********!**!!* *****!!!***!*!****!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1390 A4U84 RS00055 WP 021115958.1   KWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSD.NYAQNNNFNGGNATRPQPAQKPAAQAEP   169
NTDB id 624 LCA RS00040 WP 011373726.1      NYENQQGQRVYVTEVVVDNFSLLESRITTEQRQGDGASQNFNSNQ...SNGSQQ..SGFTSPQQ.TGNAPAANNTQADPFANNGQ   159
NTDB id 112 BSU 36310 NP 391512.2           SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................................   113
NTDB id 130844 EP23 RS22410 WP 037565084.1  SYENQEGRRVYVTEVVCDSVQFLEPKSQNQRHSNNQGNDFQSYGQ...SFGGQQQ....GQNSS.YQNNNNHSSNNDNPFANANG   157
NTDB id 113 BSU 40900 NP 391970.1           NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQ...YFGGGQNDNPFGGNQN.NQRRNQGNSFNDDPFANDGK   161
consensus                                    *****!*****!!*************       *  *        *      ** *    ** ***           *  ****

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1390 A4U84 RS00055 WP 021115958.1   PMDNFDDDIPF   180
NTDB id 624 LCA RS00040 WP 011373726.1      AIDISDDDLPF   170
NTDB id 112 BSU 36310 NP 391512.2           ...........   113
NTDB id 130844 EP23 RS22410 WP 037565084.1  PIDISDDDLPF   168
NTDB id 113 BSU 40900 NP 391970.1           PIDISDDDLPF   172
consensus                                   ***********
```

X non conserved

X similar

X $\geq$ 50% conserved