```
logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1  MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEGKLKTR   85
NTDB id 113 BSU 40900 NP 391970.1          ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQS.GE..READFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 112 BSU 36310 NP 391512.2          ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNAS.GE..IEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
NTDB id 47718 LLH RS12160 WP 011677241.1   ..MINNVVLVGRITRDPELRYTPQNQAVATFSLAVNRQFKNAN.GE..READFINCVIWRQQAENLANWAKKGALIGVTGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1     ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNAN.GD..READFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                   **!*!**!!****!***!******!!*****!***** **  !*  **********!*!!!* *** *!!****!*!***!!

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1  KWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQT..NYNQGGYSDNYAQNNNFNGGNATRPQPAQKPAAQAE   168
NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGS.....GGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFANDG   160
NTDB id 112 BSU 36310 NP 391512.2          SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................................   113
NTDB id 47718 LLH RS12160 WP 011677241.1   NYENQQGQRVYVTEVVADSFQMLESRSARDGMGGGASAGSYSAPS....QSTN.....NTPRPQTNNNSATPNFGRDADPFG..S   154
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQQSG.....FTSPQQTGNAPAA..NNTQADPFANNG   158
consensus                                  ******!*****!!*************       *     * **        *         *    *  *           *****

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1  PPMDNFDDDIPF   180
NTDB id 113 BSU 40900 NP 391970.1          KPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2          ............   113
NTDB id 47718 LLH RS12160 WP 011677241.1   SPMEISDDDLPF   166
NTDB id 624 LCA RS00040 WP 011373726.1     QAIDISDDDLPF   170
consensus                                   ***********
```

X non conserved

X similar

X $\geq$ 50% conserved