```
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 35933 LLKF RS12235 WP 003131953.1  ..MINNVVLVGRITRDPELRYTPQNQAVATFSLAVNRQFKNAN.GE..READFINCVIWRQQAENLANWAKKGALIGVTGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1     ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNAN.GD..READFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                   **!*!**!!****!***!******!!*****!***** **  !*  **********!*!!!* *** *!!****!*!***!!
```

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logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1  KWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGNATRPQPAQKPAAQAEPP   170
NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQYFGGGQNDNPF...GGNQNNQRRNQGNSFNDDPFANDGKP   162
NTDB id 112 BSU 36310 NP 391512.2          SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................................   113
NTDB id 35933 LLKF RS12235 WP 003131953.1  NYENQQGQRVYVTEVVADSFQMLESRSAREGMGGGTSAGSYSAPSQS...TNNTP....RPQTNNNNATPNFGRDADPFG..SSP   156
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQQSGFT....SPQQT.GNAPAANNTQADPFANNGQA   160
consensus                                  ******!*****!!*************       *    *   *        *          ** *           *****   *
```

```
logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1  MDNFDDDIPF   180
NTDB id 113 BSU 40900 NP 391970.1          IDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2          ..........   113
NTDB id 35933 LLKF RS12235 WP 003131953.1  MEISDDDLPF   166
NTDB id 624 LCA RS00040 WP 011373726.1     IDISDDDLPF   170
consensus                                  **********
```

X non conserved
X similar
X ≥ 50% conserved