```
logo
NTDB id 583 DLJ51 RS09560 WP 002962590.1      MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQDGERQADFVNVVFWGKLAESLVSYAGKGSLVSLDGEIRTR   80
NTDB id 1117835 ELZ47 RS09585 WP 002896496.1 MINNVVLVGRMTRDAELRYTPQNQAVATFTLAVNRNFKNQSGEREADFINVVIWRQQAENLANWAKKGALIGITGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1        MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 113 BSU 40900 NP 391970.1             MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 112 BSU 36310 NP 391512.2             MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
consensus                                     !*!*!*!*!!*!*******!* ***!*****!!!! !****!***!!**!***!** !!***** *!!*!****!***!!
```

```
logo
NTDB id 583 DLJ51 RS09560 WP 002962590.1      HYEK.DGQTHYVTEILAQSFQLLESRAQRALRENNGASDLTD.......................................   121
NTDB id 1117835 ELZ47 RS09585 WP 002896496.1 NYENQQGQRVYVTEVVADNFQLLESRSNREGQSSG....GYG......GNSFGGSS.APSYGSADSS.NQVPNFSRDESP   148
NTDB id 624 LCA RS00040 WP 011373726.1        NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ.......QSGFTSPQQTGNAPAANNTQADP   153
NTDB id 113 BSU 40900 NP 391970.1             NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDP   155
NTDB id 112 BSU 36310 NP 391512.2             SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................   113
consensus                                     *!!***!****!!!************             *         *           *                 *
```

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logo
NTDB id 583 DLJ51 RS09560 WP 002962590.1      .......LVLEEEELPF   131
NTDB id 1117835 ELZ47 RS09585 WP 002896496.1  F.GNSNPMDISDDDLPF   164
NTDB id 624 LCA RS00040 WP 011373726.1        FANNGQAIDISDDDLPF   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