```
logo
NTDB id 583 DLJ51 RS09560 WP 002962590.1        MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQDGERQADFVNVVFWGKLAESLVSYAGKGSLVSLDGEIRTR   80
NTDB id 624 LCA RS00040 WP 011373726.1          MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 1159673 QOR57 RS08565 WP 000609584.1   MINNVVLVGRMTRDAELRYTPSNQAVATFSLAVNRNFKNQSGEREADFINCVIWRQQAENLANWAKKGALVGITGRIQTR   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 624 LCA RS00040 WP 011373726.1          NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ...........QSGFTSPQQTGNAPAANNT   149
NTDB id 1159673 QOR57 RS08565 WP 000609584.1   NYENQQGQRVYVTEVVAESFQLLESRATREGGSP....NSYN..........NGGYNNAPSNNSYSAPSQ...QTPNFSR   143
NTDB id 113 BSU 40900 NP 391970.1               NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGS.....GGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRR...NQGN.SF   151
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 624 LCA RS00040 WP 011373726.1          QADPFANNGQAIDISDDDLPF   170
NTDB id 1159673 QOR57 RS08565 WP 000609584.1   DESPF.GNSNPMDISDDDLPF   163
NTDB id 113 BSU 40900 NP 391970.1               NDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2               ......................   113
consensus                                          **       **********
```

X non conserved

X similar

X $\geq$ 50% conserved