```
logo

NTDB id 334876 EQJ92 RS00040 WP 002829316.1   MINRAVLVGRLTRDPELRYTSSGAAVVSFTVAVNRQFTNSQGEREADFINCVMWRKAAENFANFTRKGSLVGIDGRIQTR   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 334876 EQJ92 RS00040 WP 002829316.1   SYENQQGQRVYVTEVVADNFSLLESRSASERRQENEGFNNGQSAPSQ....SSAGNPFDSGQANNNGAASQPNNSNPNDP   156
NTDB id 624 LCA RS00040 WP 011373726.1        NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSN....GSQQSGFTSPQQTGN...APAANNTQADP   153
NTDB id 113 BSU 40900 NP 391970.1             NYENQQGQRVFVTEVQAESVQFLEPKNGGG..SGSGGYNEGNSGGGQYFGGGQNDNPFGGNQN...NQRRNQGNSFNDDP   155
NTDB id 112 BSU 36310 NP 391512.2             SYENEEGVNVYVTEVLADTVRFMDPKPREK..AAD.......................................   113
consensus                                      !!!**!**!*!!!!**** * ********* ************* **    *** *** * **  *    * *** * **

logo

NTDB id 334876 EQJ92 RS00040 WP 002829316.1   FANGGQSIDISDDDLPF   173
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