```
logo

NTDB id 624 LCA RS00040 WP 011373726.1        MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 240906 CHR53 RS27895 WP 066389898.1  MMNRVVLVGRLTKDPELRYTPSGVAVATFTLAVNRPFSNQQGEREADFINCVWWRKPAENVANFLKKGSMAGVDGRIQTR   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 624 LCA RS00040 WP 011373726.1        NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSN........GSQQSGFTSPQQTGNAPAANNTQAD  152
NTDB id 240906 CHR53 RS27895 WP 066389898.1  NYEGQDGRRVYVTEVLAESVQFLEPKNSSGNTGGGGRSN.....DFYGAPPREPQGSSYGGGNQNQRQNSNQGFTRVDDD  155
NTDB id 113 BSU 40900 NP 391970.1            NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQYFGGG...QNDNPFGGNQNNQRRNQGN...SFNDD  154
NTDB id 112 BSU 36310 NP 391512.2            SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.............................................  113
consensus                                    *!!***!**!*!!!!*****************  ***  ***     *****      ***  ***  *****  *****     ***

logo

NTDB id 624 LCA RS00040 WP 011373726.1        PFANNGQAIDISDDDLPF   170
NTDB id 240906 CHR53 RS27895 WP 066389898.1  PFAGSG.QIDISDDDLPF   172
NTDB id 113 BSU 40900 NP 391970.1            PFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2            ..................   113
consensus                                    **** *  **********
```

X non conserved

X similar

X $\geq$ 50% conserved