```
logo

NTDB id 624 LCA RS00040 WP 011373726.1          MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 112 BSU 36310 NP 391512.2               MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
NTDB id 121341 LMXYSN RS13625 WP 085645125.1   MMNRVVLVGRLTKDPDLRYTPAGAAVATFTLAVNRPFKNTQGEQEADFINCVVWRKPAENAANFLKKGSMAGVDGRVQTR   80
NTDB id 113 BSU 40900 NP 391970.1               MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
consensus                                       !*!*!*!!!!!!*!**!!!!**!!!!*****!!!!*! !**!**!!!**!!**!!**!!! !****!!!* !!*!!*!!!

logo

NTDB id 624 LCA RS00040 WP 011373726.1          NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSN.......GSQQSGFTSPQQTGNAPAANNTQADP   153
NTDB id 112 BSU 36310 NP 391512.2               SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................................   113
NTDB id 121341 LMXYSN RS13625 WP 085645125.1   NYEDGDGKRVFVTEVVAESVQFLEPKNNNTGGS.....TSNN........YQG....EVNYSNNNQTSSYRADTSQKSDS   143
NTDB id 113 BSU 40900 NP 391970.1               NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGS.....GGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDP   155
consensus                                       *!!***!**!*!!!!************   ***       **  **    * * * **  ** ****    **** * **

logo

NTDB id 624 LCA RS00040 WP 011373726.1          FANNGQAIDISDDDLPF   170
NTDB id 112 BSU 36310 NP 391512.2               .................   113
NTDB id 121341 LMXYSN RS13625 WP 085645125.1   FANEGNPIDINPDDLPF   160
NTDB id 113 BSU 40900 NP 391970.1               FANDGKPIDISDDDLPF   172
consensus                                       ****************
```

X non conserved

X similar

X $\geq$ 50% conserved