```
logo

NTDB id 624 LCA RS00040 WP 011373726.1          MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 112 BSU 36310 NP 391512.2               MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
NTDB id 1092941 ACMGFA RS12190 WP 414042060.1  MLNRVVLVGRLTKDPEYRVTPSGVSVATFTLAVNRTFTNAQGERQADFINCVVFRKQAENVNNFLNKGSLAGVDGRLQSR   80
NTDB id 113 BSU 40900 NP 391970.1               MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
consensus                                       !*!*!*!!!!!!*!***!*!**!**!*****!!!!*!*!**!***!!**!!*****!!!!!******!!!! !!*!!*!*!

logo

NTDB id 624 LCA RS00040 WP 011373726.1          NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ..........QSGFTSPQQTGNAPAANNTQ  150
NTDB id 112 BSU 36310 NP 391512.2               SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................................  113
NTDB id 1092941 ACMGFA RS12190 WP 414042060.1  SYDNQEGRRVYVTEVICDSVQFLEPKNANQSRSNNDPSQDYSSYDQGNYG.....QQSQGQNYQPSNNNNQQQSNASTPS  155
NTDB id 113 BSU 40900 NP 391970.1               NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGG........YNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFN  152
consensus                                        !*!* !**!*!!!!************  ****   ** * *** ****        * ** * *******  **** *

logo

NTDB id 624 LCA RS00040 WP 011373726.1          ADPFANNGQAIDISDDDLPF   170
NTDB id 112 BSU 36310 NP 391512.2               ......................   113
NTDB id 1092941 ACMGFA RS12190 WP 414042060.1  TNPFANATGPIDISDDDLPF   175
NTDB id 113 BSU 40900 NP 391970.1               DDPFANDGKPIDISDDDLPF   172
consensus                                        ***** * ***********
```

X non conserved

X similar

X $\geq$ 50% conserved