```
logo

NTDB id 624 LCA RS00040 WP 011373726.1        MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 984998 MKX52 RS18550 WP 003215157.1  MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   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        NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDG......ASQNFNSNQS......NGSQQSGFTSPQQTGNAPAANN  148
NTDB id 984998 MKX52 RS18550 WP 003215157.1  NYENQQGQRVFVTEVQAESVQFLEPKSG.GAGSGGYSGGGNSGGQYYGGSQNDQNPFGNEPSQNPYGNQSNQQNRNQGNS  159
NTDB id 113 BSU 40900 NP 391970.1            NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGQYFGGGQND..........NPFGGNQNNQRRNQGNS  150
NTDB id 112 BSU 36310 NP 391512.2            SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................  113
consensus                                    *!!!**!**!*!!!!*********** *******  *   ******* ***     *   ***** ***********

logo

NTDB id 624 LCA RS00040 WP 011373726.1        TQADPFANNGQAIDISDDDLPF   170
NTDB id 984998 MKX52 RS18550 WP 003215157.1  FNDDPFANDGKPIDISDDDLPF   181
NTDB id 113 BSU 40900 NP 391970.1            FNDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2            ......................   113
consensus                                    **********************
```

X non conserved

X similar

X $\geq$ 50% conserved