```
logo

NTDB id 624 LCA RS00040 WP 011373726.1        MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 418481 GWG03 RS13800 WP 103147866.1  MINRTILVGRLTRDPELRTTQSGVNVASFTLAVNRTFTNAQGEREADFINVIVFKKQAENVNKYLSKGSLAGVDGRLQTR   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        NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQS..NGSQQSGFTSPQQTGNAPAANNTQADPFANNG  158
NTDB id 418481 GWG03 RS13800 WP 103147866.1  NYENKEGQRVFVTEVIADSIQFLEPKNSNDTQQDLYQQQVQQT................RGQSQYSNNKPVKDNPFANAN  144
NTDB id 113 BSU 40900 NP 391970.1            NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFANDG  160
NTDB id 112 BSU 36310 NP 391512.2            SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.........................................  113
consensus                                    *!!!* !**!*!!!!************ ***** ** ** ** *    * *   *   *** *  ***  ******* *

logo

NTDB id 624 LCA RS00040 WP 011373726.1        QAIDISDDDLPF   170
NTDB id 418481 GWG03 RS13800 WP 103147866.1  GPIEIDDNDLPF   156
NTDB id 113 BSU 40900 NP 391970.1            KPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2            ............   113
consensus                                     ***********
```

X non conserved

X similar

X $\geq$ 50% conserved