```
logo

NTDB id 624 LCA RS00040 WP 011373726.1        MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 39513 SPSINT RS06510 WP 015729212.1  MINRVVLVGRLTKNPELRHTPNGISVSSFTLAVNRTFTNAKGEREADFINCIAFKKTAENINNYLSKGSLAGIDGHLQSR   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 39513 SPSINT RS06510 WP 015729212.1  SYENKEGQRVYVTEVICESVQFLESKSTNSNQSQG....GIASGQYQ................PKANHVAATSQNPFVNMN  141
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 39513 SPSINT RS06510 WP 015729212.1  DSIDISDDDLPF   153
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