```
logo

NTDB id 113 BSU 40900 NP 391970.1          MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 112 BSU 36310 NP 391512.2          MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
NTDB id 294228 CNQ40 RS04635 WP 057086515.1 MINQVVLVGRLTKDIDLRYTASGSAVGSFTLAVNRNFTNQNGEREADFINCVIWRKPAETMANYARKGTLLGVVGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1     MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                  !*! !*!!!!!!*!**!!!!**!*!!*****!!!! !*!  !**!!!**!!**!!**!!**!** *!!*!*!!*!!*!!!

logo

NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQYFG....GGQNDNPFGGNQNNQRRNQGNSFNDDPF  156
NTDB id 112 BSU 36310 NP 391512.2          SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.................................................  113
NTDB id 294228 CNQ40 RS04635 WP 057086515.1 NYDNQQGQRVYVTEVVCESFQLLESKSTNENRNSIQTSQNSGTSVQNN.FESNYATNQNKGLNQQNNSQQMSFGGDVDPF  159
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQQSGFTSP......QQTGNAPAANNTQADPF  154
consensus                                  *!*!**!**!*!!!!**** * ****** *****   ****** * **   *** * *  * *****  * **  * ***

logo

NTDB id 113 BSU 40900 NP 391970.1          ANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2          ................   113
NTDB id 294228 CNQ40 RS04635 WP 057086515.1 AGAGNSIDISDDDLPF   175
NTDB id 624 LCA RS00040 WP 011373726.1     ANNGQAIDISDDDLPF   170
consensus                                  ** ** **********
```

X non conserved

X similar

X $\geq$ 50% conserved