logo

```
NTDB id 1066575 ACG3M1 RS06670 WP 040012764.1  MINRVVLVGRLTKDPVLRKTTNGASVVSFTVACNRLFK.QEGQPEADFINTVVWNKTADSVAKYMHKGSLVGVEGRIQTR  79
NTDB id 624 LCA RS00040 WP 011373726.1          MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR  80
NTDB id 113 BSU 40900 NP 391970.1              MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRQAENVANFLKKGSLAGVDGRLQTR  80
NTDB id 112 BSU 36310 NP 391512.2              MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR  80
consensus                                      !*!*!*!!!!!!*!**!!*!**!!*!*****!*!!*!  *  *!**!!!**!**!***!***!***!****!!!!*!!*!!*!!!
```

logo

```
NTDB id 1066575 ACG3M1 RS06670 WP 040012764.1  SYDDKGGKRVYVTEVVADNVRFLDSRNAGDMNSAY......VPGQ..........ENTQSSTAA..SNSAP.....SSSS  136
NTDB id 624 LCA RS00040 WP 011373726.1          NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ.......QSGFTSPQQTGNAPAANNTQADP  153
NTDB id 113 BSU 40900 NP 391970.1              NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDP  155
NTDB id 112 BSU 36310 NP 391512.2              SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD...............................................  113
consensus                                       !****!**!*!!!!************** ***      ** *** * *       * * *** **** ** **  * **
```

logo

```
NTDB id 1066575 ACG3M1 RS06670 WP 040012764.1  EFTSIAALDISDDDLPF  153
NTDB id 624 LCA RS00040 WP 011373726.1          FANNGQAIDISDDDLPF  170
NTDB id 113 BSU 40900 NP 391970.1              FANDGKPIDISDDDLPF  172
NTDB id 112 BSU 36310 NP 391512.2              .................  113
consensus                                      *** * ***********
```

X non conserved

X similar

X $\geq 50\%$ conserved