```
logo
NTDB id 139828 NY10 RS00475 WP 058918143.1  MMNNTVLVGRLTKDADLRYTANGIAVASFTVAVNRAYKKENDEQKADFINCVVWRKTAEALANYTKKGSLIGVEGSIQTRSYDNQ   85
NTDB id 624 LCA RS00040 WP 011373726.1      MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTRNYENQ   85
NTDB id 113 BSU 40900 NP 391970.1           MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTRNYENQ   85
NTDB id 112 BSU 36310 NP 391512.2           MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTRSYENE   85
consensus                                   !*!***!!!!!!*!**!!!!**!*!!*****!!!!** ** ****!!**!!*!!**!!*!****!!!!*!!*!**!!! !*!*
```

```
logo
NTDB id 139828 NY10 RS00475 WP 058918143.1  QGQRVYVTEVNAREITFLESKKTSAGEGSTNQQTNSQSYSSNSTI..............G..........SSQSQTTGYDAGGTP  146
NTDB id 624 LCA RS00040 WP 011373726.1      QGQRVYVTEVVVDNFSLLESRTTTEQRQGD...GASQNFNSNQSNGSQ.......QSGFTSPQQTGNAPAANNTQADPFANNGQA  160
NTDB id 113 BSU 40900 NP 391970.1           QGQRVFVTEVQAESVQFLEPKNGGGSGSG........GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFANDGKP  162
NTDB id 112 BSU 36310 NP 391512.2           EGVNVYVTEVLADTVRFMDPKPREKAAD.......................................................  113
consensus                                   *!**!*!!!! ********** ***** *       ** ****** * *           **  **       ***** ***** * *
```

```
logo
NTDB id 139828 NY10 RS00475 WP 058918143.1  ADISDDDLPF   156
NTDB id 624 LCA RS00040 WP 011373726.1      IDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1           IDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2           ..........   113
consensus                                   **********
```

X non conserved
X similar
X ≥ 50% conserved