```
logo

NTDB id 624 LCA RS00040 WP 011373726.1        MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTRNYENQ   85
NTDB id 144182 XM37 RS00040 WP 002288368.1   MINNVVLVGRLTKDPDLRYTASGTAVATFTLAVNRNFTNQSGNREADFINCVIWRKSAETLANYARKGTLLGVTGRIQTRSYDNQ   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 624 LCA RS00040 WP 011373726.1        QGQRVYVTEVVADNFSLLESRTTTEQRQGDGASQNFNSNQ....SNGSQQSGFT.......SPQQTGNAPAANNTQADPFANNGQ   159
NTDB id 144182 XM37 RS00040 WP 002288368.1   QGQRVYVTEVVADNFQLLESRSASENRQQSGGFQ..........SSGQSAGGFGGNNNSNQTSQSSNGMPDFDRDTSDPFG.SSS   159
NTDB id 113 BSU 40900 NP 391970.1            QGQRVFVTEVQAESVQFLEPKNGGGS..GSGGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQG....NSF...NDDPFANDGK   161
NTDB id 112 BSU 36310 NP 391512.2            EGVNVYVTEVLADTVRFMDPKPREKA..AD.............................................................   113
consensus                                    *!**!*!!!!**** * ************* ****  **      * ***  ******* * * * *   * *   * ***** *

logo

NTDB id 624 LCA RS00040 WP 011373726.1        AIDISDDDLPF   170
NTDB id 144182 XM37 RS00040 WP 002288368.1   TIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1            PIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2            ...........   113
consensus                                     **********
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X non conserved

X similar

X $\geq$ 50% conserved