```
logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1      MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEG   80
NTDB id 624 LCA RS00040 WP 011373726.1         ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNAN.GD..READFINCVIWRKSAENFANFTKKGSLVGVDG   75
NTDB id 1137956 DQM92 RS10585 WP 000934770.1   ..MLNRTILVGRLTRDPELRTTQSGVNVASFTLAVNRTFTNAQ.GE..READFINIIVFKKQAENVNKYLSKGSLTGVDG   75
NTDB id 113 BSU 40900 NP 391970.1              ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQS.GE..READFINCVTWRRQAENVANFLKKGSLAGVDG   75
NTDB id 112 BSU 36310 NP 391512.2              ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNAS.GE..IEADYVNCTLWRKTAENTALYCQKGSLVGVSG   75
consensus                                        **!****!!*!**!***!**  !**!*****!********  !*  *************!!* ****!!!***!*!

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1      KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGNAT.....  155
NTDB id 624 LCA RS00040 WP 011373726.1         RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQ........NFNSNQS..NGSQQSGFTSPQQTGNAPA  145
NTDB id 1137956 DQM92 RS10585 WP 000934770.1   RLQTRNYENKEGQRVYVTEVIADSIQFLEPKNSNDTQQDLYQQQ........VQQT................RGQSQYSN  131
NTDB id 113 BSU 40900 NP 391970.1              RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEG........NSGGGQYFGGGQNDNPFGGNQNNQRRNQ  147
NTDB id 112 BSU 36310 NP 391512.2              RIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................  113
consensus                                      ***!!******!*****!!*************  *     *            * *         *   *   *

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1      RPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 624 LCA RS00040 WP 011373726.1         ANNTQADPFANNGQAIDISDDDLPF   170
NTDB id 1137956 DQM92 RS10585 WP 000934770.1   NKPVKDNPFANANVPIEIDDNDLPF   156
NTDB id 113 BSU 40900 NP 391970.1              GNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2              ........................   113
consensus                                                ****   **** ******
```

X non conserved
X similar
X $\geq$ 50% conserved