```
logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1      MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEG   80
NTDB id 624 LCA RS00040 WP 011373726.1         ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG.D..READFINCVIWRKSAENFANFTKKGSLVGVDG   75
NTDB id 1082811 ACK1LH RS20940 WP 029282948.1 ..MMNRVVLVGRLTKDPELRYTPAGAAVATFTLAVNRAFTNQQG.E..READFINCVVWRRPAENVANFLKKGSLAGVDG   75
NTDB id 113 BSU 40900 NP 391970.1              ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG.E..READFINCVTWRRQAENVANFLKKGSLAGVDG   75
NTDB id 112 BSU 36310 NP 391512.2              ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASG.E..IEADYVNCTLWRKTAENTALYCQKGSLVGVSG   75
consensus                                        **!*!**!!*!**!***!***  !*!!*****!*******  * *  **********!*!* !!* *****!!!***!*!

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1      KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSDN......YA..QNNNFNGG  152
NTDB id 624 LCA RS00040 WP 011373726.1         RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQ........NFNSNQSNG..SQQSGFTSPQ...QTGN  142
NTDB id 1082811 ACK1LH RS20940 WP 029282948.1 RLQSRSYEDQTGKRVYVTEVVAESVQFLEPKSSGGGNSGGGGNN........NYYGGGQGGQGGQQNPFSQNQNQNQNQR  147
NTDB id 113 BSU 40900 NP 391970.1              RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEG........NSGGGQYFGGGQNDNPFGGNQNN...QR  144
NTDB id 112 BSU 36310 NP 391512.2              RIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................  113
consensus                                      ****!  ****!*****!!*************   *  *          **  *   *   *   *   ***

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1      NATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 624 LCA RS00040 WP 011373726.1         APAANNTQADPFANNGQATIDISDDDLPF   170
NTDB id 1082811 ACK1LH RS20940 WP 029282948.1 NQGRSNFDDDPFANDGKPIDISDDDLPF   175
NTDB id 113 BSU 40900 NP 391970.1              RNQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2              ............................   113
consensus                                           *   ***** * ***********
```

X non conserved

X similar

X ≥ 50% conserved