```
logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1   MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEGKLKTR   85
NTDB id 624 LCA RS00040 WP 011373726.1      ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG.D..READFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 112 BSU 36310 NP 391512.2           ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASG.E..IEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
NTDB id 141411 UP17 RS24980 WP 061465910.1  ..MMNRVVLVGRLTKDPELRYTPNGVPVATFTLAVNRGFTNQQG.E..READFINCVVWRKPAENVANFLKKGSLAGVDGRVQTR   80
NTDB id 113 BSU 40900 NP 391970.1           ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG.E..READFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
consensus                                    **!*!**!!*!**!***!****!**!*****!*******  * *  **********!* !!* *****!!!***!*!***!!

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1   KWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNY...NQGGYSDNYAQNNNFNGG.NATRPQPAQKPAAQ   166
NTDB id 624 LCA RS00040 WP 011373726.1      NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGD.......GASQNFNSNQSNGSQQSGFTSPQ..QTGNAPAANNTQADPFAN   156
NTDB id 112 BSU 36310 NP 391512.2           SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................................   113
NTDB id 141411 UP17 RS24980 WP 061465910.1  NYEGQDGKRVYVTEILAESVQFLEPRSSSAG...ERNEGGSYGGGQKSYGNNNNGNDNNSYGQNPNQNQRSNNNYTRVDDDPFAN   162
NTDB id 113 BSU 40900 NP 391970.1           NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNS.GGGQ.YFG...GGQNDNPFGGNQNN..QRRNQGNSFNDDPFAN   158
consensus                                   *****!*****!!*************** *    *    *   ****  *    **     ** *** *            *****

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1   AEPPMDNFDDDIPF   180
NTDB id 624 LCA RS00040 WP 011373726.1      NGQAIDISDDDLPF   170
NTDB id 112 BSU 36310 NP 391512.2           ..............   113
NTDB id 141411 UP17 RS24980 WP 061465910.1  DGKTIDISDDDLPF   176
NTDB id 113 BSU 40900 NP 391970.1           DGKPIDISDDDLPF   172
consensus                                    *  **********
```

X non conserved

X similar

X $\geq$ 50% conserved