```
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 669165 MRZ06 RS05230 WP 243367126.1  ..MINRVVLTGRLTKDPEFRVTPSGVSVATFTLAVNRMFTNDQG.E..RQADFINCVTFRKQAENVNNFLSKGSLVGVDG    75
NTDB id 113 BSU 40900 NP 391970.1             ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG.E..READFINCVTWRRQAENVANFLKKGSLAGVDG    75
consensus                                       **!*!***!*!**!***!***  !**!*!***!******* **  *   ********!**!**!!*******!!!***!*!

logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1     KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNG......GNA   154
NTDB id 624 LCA RS00040 WP 011373726.1        RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDG........ASQNFNSNQSNGSQQ..SGFTSP....QQTG   141
NTDB id 669165 MRZ06 RS05230 WP 243367126.1  RLQSRSYDNQQGQRVFVTEVICDSVQFLEPKNSQNQQNNGA........QQTNYN........QANNNYQNNQNVIRGGQN   139
NTDB id 113 BSU 40900 NP 391970.1             RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGY........NEGNSGGGQYFGGGQNDNPFGGNQN....NQ   143
consensus                                     *!**!****!*!!****!!********!******** ****         ***!** *** *  **********    **

logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1     TR...PQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 624 LCA RS00040 WP 011373726.1        NAPAANNTQADPFANNGQAIDISDDDLPF   170
NTDB id 669165 MRZ06 RS05230 WP 243367126.1  NANNGYAQKQDPFANATGPIDISDDDLPF   168
NTDB id 113 BSU 40900 NP 391970.1             RRNQGNSFNDDPFANDGKPIDISDDDLPF   172
consensus                                     *  ***** ***!*!*** **!**!!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved