```
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 39755 N288 RS24090 WP 022544627.1  ..MMNRVVLVGRLTKDPELRYTPNGVPVASFTLAVNRTFTNQQG.E..READFINCVIWRRPAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 113 BSU 40900 NP 391970.1          ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG.E..READFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
consensus                                   **!*!**!!*!**!***!****!**!*****!*******  * *  **********!* !!* *****!!!***!*!***!!

logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1  KWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGN......QGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGNATRPQPAQKPA   164
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQ.NFNSNQSNGSQQSG..FTSP.....QQTG...NAPAANNTQADPF   154
NTDB id 112 BSU 36310 NP 391512.2          SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................................   113
NTDB id 39755 N288 RS24090 WP 022544627.1  SYEGQDGKRVYVTEVMADSVQFLEPRNASGGAPSGGRNDGNYGGPS....REQDFPYGNNDQNQRQNNN...RNQGYTRVDEDPF   158
NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGGG.SGSGGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRN.......Q.GNSFNDDPF   156
consensus                                   *****!*****!!************   *     *    * *     *  *    **    *  **            ***

logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1  AQAEPPMDNFDDDIPF   180
NTDB id 624 LCA RS00040 WP 011373726.1     ANNGQAIDISDDDLPF   170
NTDB id 112 BSU 36310 NP 391512.2          ................   113
NTDB id 39755 N288 RS24090 WP 022544627.1  ANDG.QIDISDDDLPF   173
NTDB id 113 BSU 40900 NP 391970.1          ANDGKPIDISDDDLPF   172
consensus                                  ** *  **********
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X non conserved

X similar

X $\geq$ 50% conserved