```
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 85545 WHT RS27190 WP 000981966.1   ..MMNRVILVGRLTKDPDLRYTPNGVAVATFTLAVNRAFANQQG.E..READFINCVIWRKQAENVANYLKKGSLAGVDGRLQTR   80
NTDB id 113 BSU 40900 NP 391970.1          ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG.E..READFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
consensus                                   **!*!**!!*!**!***!****!*!!*****!*****  *   *  *  *********!*!**!!* *****!!!***!*!***!!

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1  KWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGNA......TRPQPAQKPA   164
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDG..........ASQNFNSNQSNGSQQSGFTSPQQTGN.APAANNTQADPF   154
NTDB id 112 BSU 36310 NP 391512.2          SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................................   113
NTDB id 85545 WHT RS27190 WP 000981966.1   NYEGQDGKRVYVTEVLAESVQFLEPRNGGGEQRGSF....NQQPSGAGF...GNQG....SNPFGQSSNSGNQGNSGFTKNDDPF   154
NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGY....NEGNSGGGQYFGGGQN....DNPFGGNQNN.QRRNQGNSFNDDPF   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 85545 WHT RS27190 WP 000981966.1   SNVGQPIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1          ANDGKPIDISDDDLPF   172
consensus                                  ** * ***********
```

X non conserved

X similar

X $\geq$ 50% conserved