```
logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1   MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEGKLKTR   85
NTDB id 1471 ASU2 RS04565 WP 014991634.1   MAGINKVIIVGNLGNDPEMRTMPNGEAVANISVATSESWTDKNTGERREVTEWHRIVFYRRQAEVAGQYLRKGSQVYVEGRLKTR   85
NTDB id 624 LCA RS00040 WP 011373726.1     ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG.DR..EADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 112 BSU 36310 NP 391512.2          ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASG.EI..EADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
NTDB id 107399 DA68 RS23275 WP 000981966.1 ..MMNRVILVGRLTKDPDLRYTPNGVAVATFTLAVNRAFANQQG.ER..EADFINCVIWRKQAENVANYLKKGSLAGVDGRLQTR   80
NTDB id 113 BSU 40900 NP 391970.1          ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG.ER..EADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
consensus                                    **!*!**!!*!**!***!****! !!** **!***** *  * **  ******** *!**!!* *****!!!***!*!***!!

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1   KWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPA.QTNYNQGGYS.....DNYAQNNNFNGGNATRPQPAQKPA   164
NTDB id 1471 ASU2 RS04565 WP 014991634.1   KWQDQNGQDRYTTEIQGDVLQMLGGRNQGGDFGGNQGGWGNSAPAPQQSYNQGNSG.....YGYDQTASRPA...QQAAKQAAKP   162
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDG..........ASQNFNSNQSNGSQQSGFTSPQQTGN.APAANNTQADPF   154
NTDB id 112 BSU 36310 NP 391512.2          SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.................................................   113
NTDB id 107399 DA68 RS23275 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 1471 ASU2 RS04565 WP 014991634.1   AQAEPPMDNFDDDIPF   178
NTDB id 624 LCA RS00040 WP 011373726.1     ANNGQAIDISDDDLPF   170
NTDB id 112 BSU 36310 NP 391512.2          ................   113
NTDB id 107399 DA68 RS23275 WP 000981966.1 SNVGQPIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1          ANDGKPIDISDDDLPF   172
consensus                                  **   ***  ******
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X non conserved
X similar
X $\geq$ 50% conserved