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logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1     MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEG    80
NTDB id 113 BSU 40900 NP 391970.1             ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQS.GE..READFINCVTWRRQAENVANFLKKGSLAGVDG    75
NTDB id 112 BSU 36310 NP 391512.2             ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNAS.GE..IEADYVNCTLWRKTAENTALYCQKGSLVGVSG    75
NTDB id 315843 LLW34 RS12240 WP 011677241.1   ..MINNVVLVGRITRDPELRYTPQNQAVATFSLAVNRQFKNAN.GE..READFINCVIWRQQAENLANWAKKGALIGVTG    75
NTDB id 624 LCA RS00040 WP 011373726.1        ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNAN.GD..READFINCVIWRKSAENFANFTKKGSLVGVDG    75
consensus                                       **!*!**!!****!***!******!!*****!***** **  !*  **********!**!!* *** *!!****!*!

logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1     KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQT..NYNQGGYSDNYAQNNNFNGGNATRPQ   158
NTDB id 113 BSU 40900 NP 391970.1             RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGS.....GGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNS   150
NTDB id 112 BSU 36310 NP 391512.2             RIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.........................................   113
NTDB id 315843 LLW34 RS12240 WP 011677241.1   RIQTRNYENQQGQRVYVTEVVADSFQMLESRSARDGMGGGASAGSYSAPS....QSTN.....NTPRPQTNNNSATPNFG   146
NTDB id 624 LCA RS00040 WP 011373726.1        RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQQSG.....FTSPQQTGNAPAA..NN   148
consensus                                     ***!!******!*****!!*************       *     * **        *         *    *  *

logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1     PAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 113 BSU 40900 NP 391970.1             FNDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2             ......................   113
NTDB id 315843 LLW34 RS12240 WP 011677241.1   RDADPFG..SSPMEISDDDLPF   166
NTDB id 624 LCA RS00040 WP 011373726.1        TQADPFANNGQAIDISDDDLPF   170
consensus                                        *****   ***********
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X non conserved

X similar

X $\geq$ 50% conserved