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logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1     MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEG   80
NTDB id 583 DLJ51 RS09560 WP 002962590.1      ..MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQDG...ERQADFVNVVFWGKLAESLVSYAGKGSLVSLDG   75
NTDB id 409 SMU RS08940 WP 002263454.1        ..MYNKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKSQDG...EKQADFVNVVLWGRLAETIASYGSKGSLISLDG   75
NTDB id 624 LCA RS00040 WP 011373726.1        ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG...DREADFINCVIWRKSAENFANFTKKGSLVGVDG   75
NTDB id 198042 BI282 RS07975 WP 106421052.1  ..MLNRVVLVGRLTKDPEFRTTQSGVDVATFTLAVNRNFKSKNG...EQQADFINCVVFRKQAENVNNYLNKGSLAGIDG   75
NTDB id 113 BSU 40900 NP 391970.1             ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG...EREADFINCVTWRRQAENVANFLKKGSLAGVDG   75
NTDB id 112 BSU 36310 NP 391512.2             ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASG...EIEADYVNCTLWRKTAENTALYCQKGSLVGVSG   75
consensus                                       **!*!***!*!******* ** * *!*****!*** **    *    ** ********** !!*****  !!!*****!

logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1     KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGNAT.....   155
NTDB id 583 DLJ51 RS09560 WP 002962590.1      EIRTRHYEK.DGQTHYVTEILAQSFQLLESRAQRALRENNGASDL.....................................   119
NTDB id 409 SMU RS08940 WP 002263454.1        ELRTRKYEK.DGVTHFVTEVLGHSFQLLESRAQRAMRENNSENDL.....................................   119
NTDB id 624 LCA RS00040 WP 011373726.1        RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQN...FNSNQSNG..S.....QQSGFTSPQQTGNAPA   145
NTDB id 198042 BI282 RS07975 WP 106421052.1  RLQSRSYENAEGQRVFVTEVVCDSVQFLEPKNAQASNNNQSNNQV...Q...QREKALQ.....SE...............   130
NTDB id 113 BSU 40900 NP 391970.1             RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGN...SGGGQYFGGGQ.....NDNPFGGNQNNQRRNQ   147
NTDB id 112 BSU 36310 NP 391512.2             RIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.............................................   113
consensus                                     ****!  ***  *!*  ***!!************    *     *             *

logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1     RPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 583 DLJ51 RS09560 WP 002962590.1      .............TDLVLEEEELPF   131
NTDB id 409 SMU RS08940 WP 002263454.1        .............ADLVLEEEELPF   131
NTDB id 624 LCA RS00040 WP 011373726.1        ANNTQADPFANNGQAIDISDDDLPF   170
NTDB id 198042 BI282 RS07975 WP 106421052.1  ......NPF.NNSNNFDMDTDDLPF   148
NTDB id 113 BSU 40900 NP 391970.1             GNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2             ........................   113
consensus                                             *  *     *** ******
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X non conserved

X similar

X $\geq$ 50% conserved