```
logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1     MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEG    80
NTDB id 583 DLJ51 RS09560 WP 002962590.1      ..MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQD.GE..RQADFVNVVFWGKLAESLVSYAGKGSLVSLDG    75
NTDB id 195968 BFP66 RS08475 WP 014638587.1  ..MINNVVLVGRMTRDAELRYTPSNQAVATFTLAVNRNFKNQN.GE..READFINVVIWRQQAENLANWAKKGALIGVTG    75
NTDB id 624 LCA RS00040 WP 011373726.1       ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNAN.GD..READFINCVIWRKSAENFANFTKKGSLVGVDG    75
NTDB id 113 BSU 40900 NP 391970.1            ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQS.GE..READFINCVTWRRQAENVANFLKKGSLAGVDG    75
consensus                                      **!*!***!*************** *!*****!*** * **  !*  ********! ****!!***** *!!******!

logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1     KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWN.QAP.AQTNYNQGGYSDNYAQNNNFNGGNATRPQ   158
NTDB id 583 DLJ51 RS09560 WP 002962590.1      EIRTRHYEK.DGQTHYVTEILAQSFQLLESRAQRALRENNGASDLT.................................   120
NTDB id 195968 BFP66 RS08475 WP 014638587.1  RIQTRSYDNQQGQRVYVTEVVAESFQLLESRTAREGQG.....GGY....SAGNSFAGGNDSNSPYQAPAQSTPN...FA   143
NTDB id 624 LCA RS00040 WP 011373726.1       RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ.......QSGFTSPQQTGNAPAANN   148
NTDB id 113 BSU 40900 NP 391970.1            RLQTRNYENQQGQRVRVTEVQAESVQFLEPKNGGGSGS.....GGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNS   150
consensus                                    ***!! *****!!****!!********!****  *       *** *    *** **  *       *   **

logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1     PAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 583 DLJ51 RS09560 WP 002962590.1      ...........DLVLEEEELPF   131
NTDB id 195968 BFP66 RS08475 WP 014638587.1  REESPF.GASNPMDISDDDLPF   164
NTDB id 624 LCA RS00040 WP 011373726.1       TQADPFANNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1            FNDDPFANDGKPIDISDDDLPF   172
consensus                                        ****   *********!!
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X non conserved

X similar

X $\geq$ 50% conserved