```
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 624 LCA RS00040 WP 011373726.1       ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNAN.GD..READFINCVIWRKSAENFANFTKKGSLVGVDG    75
NTDB id 241562 CHF41 RS03365 WP 119875985.1  ..MINNVVLVGRMTRDAELRYTPSNQAVATFTLAVNRNFKNQN.GE..READFINVVIWRQQAENLANWAKKGALVGITG    75
NTDB id 113 BSU 40900 NP 391970.1            ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQS.GE..READFINCVTWRRQAENVANFLKKGSLAGVDG    75
consensus                                     **!*!***!*************** *!*****!*** * **  !*  ********! ****!!***** *!!******!

logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1    KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGNA.....T   155
NTDB id 583 DLJ51 RS09560 WP 002962590.1     EIRTRHYEK.DGQTHYVTEILAQSFQLLESRAQRALRENNGASDLT.......................................   120
NTDB id 624 LCA RS00040 WP 011373726.1       RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNF........NSNQ..SNGSQQSGFTSPQQTGNAPA   145
NTDB id 241562 CHF41 RS03365 WP 119875985.1  RIQTRNYENQQGQRVYVTEVVAENFQLLESRTAREGQGGGYQAGNS............FAGGNEYNSPYQAPAQS....T   139
NTDB id 113 BSU 40900 NP 391970.1            RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNS........GGGQYFGGGQNDNPFGGNQNNQRRNQ   147
consensus                                    ***!!******!!****!!**** ***!****  *   *  *****            *     **  * * **

logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1    RPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 583 DLJ51 RS09560 WP 002962590.1     ..............DLVLEEEELPF   131
NTDB id 624 LCA RS00040 WP 011373726.1       ANNTQADPFANNGQAIDISDDDLPF   170
NTDB id 241562 CHF41 RS03365 WP 119875985.1  PNFARDESPFGTTNPMDISDDDLPF   164
NTDB id 113 BSU 40900 NP 391970.1            GNSFNDDPFANDGKPIDISDDDLPF   172
consensus                                     *    ** **   *********!!
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X non conserved

X similar

X $\geq$ 50% conserved