```
logo

NTDB id 583 DLJ51 RS09560 WP 002962590.1        MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQDGERQADFVNVVFWGKLAESLVSYAGKGSLVSLDGEIRTR   80
NTDB id 1146011 BUC38 RS10295 WP 044691714.1    MINNVVLVGRMTRDAELRYTPSNQAVATFTLAVNRNFKNQNGEREADFINVVIWRQQAENLANWAKKGALIGVTGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1          MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 113 BSU 40900 NP 391970.1               MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
consensus                                       !*!*!*!*!!*!*******!** **!*****!!!!*! ***!*!*!!!*!*!*!***!!*******!!*!****!***!!

logo

NTDB id 583 DLJ51 RS09560 WP 002962590.1        HYEK.DGQTHYVTEILAQSFQLLESRAQRALRENNGASDLTD.......................................  121
NTDB id 1146011 BUC38 RS10295 WP 044691714.1    SYDNQQGQRVYVTEVVAESFQLLESRTAREGQG.....GGYS....AGNSYASGNDYNSPYQAPAQSTPN...FAREESP  148
NTDB id 624 LCA RS00040 WP 011373726.1          NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ.......QSGFTSPQQTGNAPAANNTQADP  153
NTDB id 113 BSU 40900 NP 391970.1               NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGS.....GGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDP  155
consensus                                       *!****!!***!!!********!!****** *   *******  **** **  *   **** *****     **  ****

logo

NTDB id 583 DLJ51 RS09560 WP 002962590.1        .......LVLEEEELPF   131
NTDB id 1146011 BUC38 RS10295 WP 044691714.1    F.GASNPMDISDDDLPF   164
NTDB id 624 LCA RS00040 WP 011373726.1          FANNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1               FANDGKPIDISDDDLPF   172
consensus                                       *** **********!!!
```

X non conserved

X similar

X $\geq$ 50% conserved