```
logo

NTDB id 113 BSU 40900 NP 391970.1                MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 210270 FAM21731 RS04925 WP 057909426.1   MLNRAVLTGRLTRDVDLRYTQSGTAVGSFSLAVDRQFTNQQGEREADFINCVIWRKSAENFANFVHKGSLVGIDGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1           MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                        !*!!*!!*!!!!*!**!!!! *!*!!**!**!!*!*!!!*!*!!!!!!!!!!*!!**!!!*!!!**!!!!*!*!!!*!!!

logo

NTDB id 113 BSU 40900 NP 391970.1                NYENQQGQRVFVTEVQAESVQFLEPKNGGGSG....SGGYNEGNSGGGQYFGGGQN...........DNPFGGNQNNQRR   145
NTDB id 210270 FAM21731 RS04925 WP 057909426.1   NYENAQGQRIYVTEVVVENFALLEPRSVRNNSNGQQNGNAPQQNNGNANPFDNNSNSGNGGNVNTGSSNPTNNNNGGNNG   160
NTDB id 624 LCA RS00040 WP 011373726.1           NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGA.........SQNFNSNQSN...GSQQSGFTSPQQ....TGNA   143
consensus                                        !!!!*!!!!**!!!!***** *!!***   * **   *     * * ** !  ***    *  *** **! * **  ***

logo

NTDB id 113 BSU 40900 NP 391970.1                NQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 210270 FAM21731 RS04925 WP 057909426.1   NNGNNTPNDPFANSGDSIDISDDDLPF   187
NTDB id 624 LCA RS00040 WP 011373726.1           PAANNTQADPFANNGQAIDISDDDLPF   170
consensus                                        ***!*** !!!!! !  !!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved