```
logo

NTDB id 113 BSU 40900 NP 391970.1          MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 182729 A6B47 RS00040 WP 002379277.1 MINNVVLVGRLTKDPDLRYTASGSAVATFTLAVNRNFTNQNGDREADFINCVIWRKPAETMANYARKGTLLGVVGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1     MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                  !*!*!!!!!!!!*!**!!!! *!*!!*!!**!!!!*!!!**!*!!!!!!!!!*!!* !!**!!* *!!*!*!!*!!*!!!

logo

NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGGGS.....GSGGYNEG.NSGGGQYFGGGQNDNPFGGN..........QNNQR   144
NTDB id 182729 A6B47 RS00040 WP 002379277.1 NYENQQGQRVYVTEVVCENFQLLESRSASEQRGTGGGSFNNNENGYQSQNRSFGNNNASSGFNNNNNSFNPSSSQSQNNN   160
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQS........NGSQQSGFTSP..........QQTGN   142
consensus                                  !!!!!!!!!!*!!!!* *****!!********   **! **!**        ****** **!  *          *****

logo

NTDB id 113 BSU 40900 NP 391970.1          RNQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 182729 A6B47 RS00040 WP 002379277.1 GMPDFDKDSDPFGGSGSSIDISDDDLPF   188
NTDB id 624 LCA RS00040 WP 011373726.1     APAANNTQADPFANNGQAIDISDDDLPF   170
consensus                                  *  **  * !!!** !  !!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved