```
logo

NTDB id 113 BSU 40900 NP 391970.1          MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 1015069 ABXJ36 RS09510 WP 033626857.1 MINNVVLVGRLTKDPDLRYTASGSAVATFTLAVNRNFTNQNGDREADFINCVIWRKPAETMANYARKGTLLGVVGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1     MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                  !*!*!!!!!!!!*!**!!!! *!*!!*!!**!!!!*!!!**!*!!!!!!!!!*!!* !!**!!* *!!*!*!!*!!*!!!

logo

NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGGGS.....GSGGYNEGN.SGGGQYFGGGQNDNPFGG..........NQNNQR   144
NTDB id 1015069 ABXJ36 RS09510 WP 033626857.1 NYENQQGQRVYVTEVVCENFQLLESRSASEQRGTGGGSFNNNENGYQSQNRSFGNNYAGSGFNNNNNSFNPSSSQSQNNN   160
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSN........GSQQSGFTS..........PQQTGN   142
consensus                                  !!!!!!!!!!*!!!!* *****!!********   **! **!*** *      ** * * **!            ******

logo

NTDB id 113 BSU 40900 NP 391970.1          RNQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 1015069 ABXJ36 RS09510 WP 033626857.1 GMPDFDKDSDPFGGSGSSIDISDDDLPF   188
NTDB id 624 LCA RS00040 WP 011373726.1     APAANNTQADPFANNGQAIDISDDDLPF   170
consensus                                  *  **  * !!!** !  !!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved