```
logo

NTDB id 113 BSU 40900 NP 391970.1          MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 1116083 E7X43 RS00055 WP 071419607.1 MINRVVLVGRLTRDVELRYTGNGDAVGSFTIAVERNFTNRAGEREADFISCVIWRKPAENFANFTGKGAMVGVEGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1     MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                  !*!!!!!!!!!!*!**!!!! *!*!!**!**!!*!*!!!  !*!!!!!*!!*!!* !!!*!!!**!!***!!*!!*!!!

logo

NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGGGSG.....SGGYNEGNSGG...GQYFGGGQNDNPFGGNQN....NQRRNQG  148
NTDB id 1116083 E7X43 RS00055 WP 071419607.1 TYDNNQGQKVYVTEVVVDNFQLLETRAQSEARRSQNGSAGNTGNT.APQSQSNFNIPNQQSNPFDSQFNNNASSASTNSQ  159
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQQSGFTSPQQTGNA..............PAA  146
consensus                                  *!*!*!!!*!*!!!!*******!!**  ** *    *!**** *****  ****  **!* !**  * *        * *

logo

NTDB id 113 BSU 40900 NP 391970.1          NSFNDDPFA..NDGKPIDISDDDLPF   172
NTDB id 1116083 E7X43 RS00055 WP 071419607.1 TSSSSSPFNTDAGNDSLDISDDDLPF   185
NTDB id 624 LCA RS00040 WP 011373726.1     NNTQADPFA..NNGQAIDISDDDLPF   170
consensus                                  **** *!!*  * *  *!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved