```
logo

NTDB id 113 BSU 40900 NP 391970.1          MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 1045043 ACEPSO RS11810 WP 020090297.1 MINRVVLTGRLTRDVDLRYTQGGAAVATFTLAVDRRFTNKSGEREADFVSCVIWRKSAENFANFFHKGSLVGIEGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1     MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                  !*!!!!!*!!!!*!**!!!!  !!!!*!!**!!*! !!! *!*!!!!!**!!*!!**!!!*!!! *!!!!!*!**!!*!!!

logo

NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQY.....FGGGQNDNPFGGNQ.............N   141
NTDB id 1045043 ACEPSO RS11810 WP 020090297.1 NYENQQGQRVYVTEVVVEDFSFLEPRSRNANNNGGNA..NYGGNPANNAPQQNQNQNANPFTSGNPSPAAPSQNSNPAPS   158
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGS..........QQSGFTSPQ.........Q   139
consensus                                  !!!!!!!!!!*!!!!*** ***!!***  ** *!* *  !***** *        ** *** *** **          *

logo

NTDB id 113 BSU 40900 NP 391970.1          NQRRNQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 1045043 ACEPSO RS11810 WP 020090297.1 NNNGNNAGNNSADPFANTGDSIDISDDDLPF   189
NTDB id 624 LCA RS00040 WP 011373726.1     TGNAPAANNTQADPFANNGQAIDISDDDLPF   170
consensus                                  ********* **!!!!! !  !!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved