```
logo

NTDB id 113 BSU 40900 NP 391970.1                MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 304028 UCCLBBS449 RS00040 WP 042520603.1 MINRVVLTGRLTRDVDLRYTQGGAAVATFTLAVDRRFTNQQGEREADFVSCVIWRKSAENFANFFHKGSLVGIEGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1           MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                        !*!!!!!*!!!!*!**!!!!  !!!!*!!**!!*! !!!*!*!!!!!**!!*!!**!!!*!!! *!!!!*!**!!*!!!

logo

NTDB id 113 BSU 40900 NP 391970.1                NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.GYNEGNSGGGQYFGGGQNDNPFGGN................QNNQR   144
NTDB id 304028 UCCLBBS449 RS00040 WP 042520603.1 NYENQQGQRVYVTEVVVENFSFLEPRSRNENNGGGNYNGGSMNNNAPQNQNQNANPYTSGNPAQAAPSQGMAPNSGSNNQ   160
NTDB id 624 LCA RS00040 WP 011373726.1           NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQ...NFNSNQSNGSQQSGFTS.............P..QQTGN   142
consensus                                        !!!!!!!!!!*!!!!*******!!***  **  ! *** *  * *  * **** *****             *  *****

logo

NTDB id 113 BSU 40900 NP 391970.1                RNQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 304028 UCCLBBS449 RS00040 WP 042520603.1 NSNANNNAADPFANSGDSIDISDDDLPF   188
NTDB id 624 LCA RS00040 WP 011373726.1           APAANNTQADPFANNGQAIDISDDDLPF   170
consensus                                          **!* **!!!!! !  !!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved