```
logo

NTDB id 113 BSU 40900 NP 391970.1          MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 230915 S101174 RS00230 WP 011666823.1 MINRVVLTGRLTRDVDLRYTQGGAAVATFTLAVDRRFTNQQGEREADFVSCVIWRKSAENFANFFHKGSLVGIEGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1     MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                  !*!!!!!*!!!!*!**!!!!  !!!!*!!**!!*! !!!*!*!!!!!**!!*!!**!!!*!!! *!!!!*!**!!*!!!

logo

NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.GYNEGNSGG..........GQYFGGGQ.NDNPFGGNQ....NNQR   144
NTDB id 230915 S101174 RS00230 WP 011666823.1 NYENQQGQRVYVTEVVVENFSFLEPRSRNENNGGGNYNGGSMNNNAPQNQNQNANPYTSGNPAPAAPSQGMAPNSGSNNQ   160
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQ...NFNSNQSN....GSQQSGFTSPQ..........QTGN   142
consensus                                  !!!!!!!!!!*!!!!*******!!***  **  ! *** *  * *  * *    * * *!   *  *  *      ****

logo

NTDB id 113 BSU 40900 NP 391970.1          RNQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 230915 S101174 RS00230 WP 011666823.1 NSNANNNAADPFANSGDSIDISDDDLPF   188
NTDB id 624 LCA RS00040 WP 011373726.1     APAANNTQADPFANNGQAIDISDDDLPF   170
consensus                                    **!* **!!!!! !  !!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved