```
logo

NTDB id 113 BSU 40900 NP 391970.1          MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 1067963 ACIA4G RS04550 WP 011543464.1 MINNVVLVGRLTRDPELRTTGSGISVATFTLAVDRQFTNASGQREADFISCVIWRKAAENFCNFTSKGSLVGIQGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1     MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                  !*!*!!!!!!!!*!**!!*! *!**!*!!**!!*!*!!!**!*!!!!!!*!!*!!* !!!**!!**!!!!*!**!!*!!!

logo

NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGGGS.............GSGGYNEGNSGGGQYFGGGQN.....DNP.FGGNQN  141
NTDB id 1067963 ACIA4G RS04550 WP 011543464.1 NYDNKDGQRVYVTEVLVDNFSLLESRRERESRQQNSGFGGQGQSQNTGFNTGFGGGSGYANNAFGSPAQSNGPANAGFNE  160
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGA......SQN..FNSNQS..NGSQQSGFTSPQQTG........  141
consensus                                  !!*!**!!!!*!!!!*******!!**   ****   *      *** **!****** ** * ** ** **  *  ** *

logo

NTDB id 113 BSU 40900 NP 391970.1          NQRRNQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 1067963 ACIA4G RS04550 WP 011543464.1 DNKKDAGGDTNTNPFDSSDDAINVSNDDLPF   191
NTDB id 624 LCA RS00040 WP 011373726.1     ..NAPAANNTQADPFANNGQAIDISDDDLPF   170
consensus                                   *** *** ** *!!** * *!**!*!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved