```
logo

NTDB id 113 BSU 40900 NP 391970.1          MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 401487 GKC17 RS10685 WP 003616385.1 MINNVVLVGRLTRDPELRTTGSGISVATFTLAVDRQFTNASGQREADFISCVIWRKAAENFCNFTSKGSLVGIQGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1     MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                  !*!*!!!!!!!!*!**!!*! *!**!*!!**!!*!*!!!**!*!!!!!!*!!*!!* !!!**!!**!!!!*!**!!*!!!

logo

NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGGGSG.............SGGYNEGNSGGGQYFGGGQNDNPFGGNQ.......  140
NTDB id 401487 GKC17 RS10685 WP 003616385.1 NYDNKDGQRVYVTEVLVDNFSLLESRRERESRQQNGGFGGQGQSQNTGFNTGFGGGSGYA....NDNAFGSPAQSNGPAN  156
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQ........SNGS.......QQSGFTSPQQT.....  140
consensus                                  !!*!**!!!!*!!!!*******!!**   ****  **       *  *** * **!* *     ****!******

logo

NTDB id 113 BSU 40900 NP 391970.1          ....NNQRRNQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 401487 GKC17 RS10685 WP 003616385.1 AGFNEDNKKDAGGDTNTNPFDSSDDAINVSNDDLPF   192
NTDB id 624 LCA RS00040 WP 011373726.1     ......GNAPAANNTQADPFANNGQAIDISDDDLPF   170
consensus                                        *** *** ** *!** * *!**!*!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved