```
logo

NTDB id 113 BSU 40900 NP 391970.1          MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 175038 AYR55 RS10185 WP 068225916.1 MINRVVLVGRLTRDPDLRYTSGGAAVATFTVAVNRQFTNRNGDREADFISCVIWRKAAENFANFTHKGSLVGVDGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1     MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                  !*!!!!!!!!!!*!**!!!!* !!!!*!!*!!!!*!!! *!*!!!!!!*!!*!!* !!!*!!!**!!!!*!!!!!*!!!

logo

NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGG.....YNEGNSGGGQYFGGGQNDNPFGGNQ......NNQRRNQGN  149
NTDB id 175038 AYR55 RS10185 WP 068225916.1 NYDNAEGQRVYVTEVVVDNFSLLESRSTDERRQQNNANQNPGGYQDKPASNFGGNANNNPAPQSSSSQAPASGSTSNTPN  160
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNG.............SQQSGFTSPQQTGNAPAAN  147
consensus                                  !!*!**!!!!*!!!!*******!!**** * ***  * ****  ** **  ***  * **  ***    * *    * *!

logo

NTDB id 113 BSU 40900 NP 391970.1          SFNDDPFANDGKPIDISDDDLPF   172
NTDB id 175038 AYR55 RS10185 WP 068225916.1 SNPNDPFANNGDSIDISDDDLPF   183
NTDB id 624 LCA RS00040 WP 011373726.1     NTQADPFANNGQAIDISDDDLPF   170
consensus                                  * * !!!!!*!  !!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved