```
logo

NTDB id 113 BSU 40900 NP 391970.1          MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 1143629 BN3853 RS10555 WP 005690377.1 MLNSVALTGRLTRDVDLRYTQSGTAVGSFTLAVDRQFRSANGERETDFINCVIWRKSAENFANFTKKGSLVGVEGHIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1     MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                  !*!*!*!*!!!!*!**!!!!  *!*!!**!**!!*!*!****!*!!*!!!!!!*!!**!!!*!!!*!!!!!*!!*!**!!!

logo

NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGGGS......GSGGYNEGNSGGGQYFGGGQNDNP..FGG.............N  139
NTDB id 1143629 BN3853 RS10555 WP 005690377.1 TYDNAQGQKVYVTEVVVENFALLESRATTQQRPSEPANPAGQGNQNYGGGQQFGNNQPQNPPSFGSQGAPSNAPSSNPGQ  160
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSN.GSQQSGFTSPQ................QTGN  142
consensus                                  *!*!*!!!*!*!!!!***** *!!** ** **  * *  *** *** *!*!**!  *****  **           * **

logo

NTDB id 113 BSU 40900 NP 391970.1          ...QNNQRRNQGNSFNDDPFANDGKPIDISDDDLPF  172
NTDB id 1143629 BN3853 RS10555 WP 005690377.1 SPAAGQNQGNNGNAANPDPFANNGKPIDISDDDLPF  196
NTDB id 624 LCA RS00040 WP 011373726.1     A........PAANNTQADPFANNGQAIDISDDDLPF  170
consensus                                       **  ***!  * !!!!!*!**!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved