```
logo

NTDB id 113 BSU 40900 NP 391970.1              MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 1009749 ABN019 RS00075 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 1009749 ABN019 RS00075 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 1009749 ABN019 RS00075 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