```
logo

NTDB id 113 BSU 40900 NP 391970.1              MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 1033591 AB9G72 RS11540 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 1033591 AB9G72 RS11540 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 1033591 AB9G72 RS11540 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