```
logo

NTDB id 113 BSU 40900 NP 391970.1          MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 261230 CYG41 RS00070 WP 005709832.1 MLNSVALTGRLTRDVDLRYTQSGTAVGSFTLAVDRQFRSANGERETDFINCVIWRKSAENFANFTKKGSLVGVEGHIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1     MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                  !*!*!*!*!!!!*!**!!!! *!*!!**!**!!*!*!****!*!!*!!!!!!*!!**!!!*!!!!*!!!!!*!!*!**!!!

logo

NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVYVTEVVVENFSLLESRTTTEQRQGDGASQNFNSNQSN.GSQQSGFTSPQ.....GSGGYNEGNSGGGQYFGGGQNDNP..FGGN.....   139
NTDB id 261230 CYG41 RS00070 WP 005709832.1 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 261230 CYG41 RS00070 WP 005709832.1 NPAAGQNQGNNGNAANPDPFANNGKPIDISDDDLPF   196
NTDB id 624 LCA RS00040 WP 011373726.1     .......APAANNTQADPFANNGQAIDISDDDLPF   170
consensus                                       ** ****!  * !!!!!*!**!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved