```
logo

NTDB id 113 BSU 40900 NP 391970.1          MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 1143095 DYY97 RS14510 WP 010490295.1 MLNSVALTGRLTRDVDLRYTQSGTAVGSFTLAVDRQFRSANGERETDFINCVIWRKSAENFANFTKKGSLVGIEGHIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1     MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                  !*!*!*!!!!!*!**!!!! *!*!!**!**!!*!*!****!*!!*!!!!!!*!!**!!!*!!!*!!!!!*!**!**!!!

logo

NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGGGSG......SGGYNEGNSGGGQYFGGGQND...NPFGGNQ...........  140
NTDB id 1143095 DYY97 RS14510 WP 010490295.1 SYDNAQGQKVYVTEVVVENFALLESRATTQQRPSEPANPAGQGNQNYGGGQQFGNNQQPQNPPSFGSQSAPNNAPSSNPG  160
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQ......SNGSQQ.....SGFTSPQQ........TG  141
consensus                                  *!*!*!!!*!*!!!!***** *!!** ** **  * *  *** *** **** *! *!*      !****         *

logo

NTDB id 113 BSU 40900 NP 391970.1          .....NNQRRNQGNSFNDDPFANDGKPIDISDDDLPF  172
NTDB id 1143095 DYY97 RS14510 WP 010490295.1 QNPAAGQSQGNNGNAANPDPFANNGKPIDISDDDLPF  197
NTDB id 624 LCA RS00040 WP 011373726.1     NA........PAANNTQADPFANNGQAIDISDDDLPF  170
consensus                                  *     *   ***!  * !!!!!*!**!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved