```
logo

NTDB id 113 BSU 40900 NP 391970.1          MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTRNYENQ   85
NTDB id 116375 AF91 RS13785 WP 003662304.1 MLNSVALTGRLTRDVDLRYTQSGTAVGSFTLAVDRQFRSANGERETDFINCVIWRKSAENFANFTKKGSMVGVEGHIQTRTYDNA   85
NTDB id 624 LCA RS00040 WP 011373726.1     MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTRNYENQ   85
consensus                                  !*!*!*!*!!!!*!**!!!! *!*!!**!**!!*!*!****!*!!*!!!!!!*!!**!!!*!!!*!!!!**!!*!**!!!*!*!*

logo

NTDB id 113 BSU 40900 NP 391970.1          QGQRVFVTEVQAESVQFLEPKNGG......GSGSGGYNEGNSGGGQYFGGGQNDNPFG.....................GNQNNQR   144
NTDB id 116375 AF91 RS13785 WP 003662304.1 QGQKVYVTEVVVENFALLESRATTQQRPSEPANPAGQGNQNYGGGQQFGNNQPQNPPSFGSQGAPNNASSPNPGQNPAASQNQGG   170
NTDB id 624 LCA RS00040 WP 011373726.1     QGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQ............NFNSNQSNGSQQS................GFTSPQQTGN   142
consensus                                  !!!*!*!!!!***** *!!** ** **  ***  **    * *****!* *! ***                      * !***

logo

NTDB id 113 BSU 40900 NP 391970.1          RNQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 116375 AF91 RS13785 WP 003662304.1 NSAANPANPDPFANNGKPIDISDDDLPF   198
NTDB id 624 LCA RS00040 WP 011373726.1     APAANNTQADPFANNGQAIDISDDDLPF   170
consensus                                    **!  * !!!!!*!**!!!!!!!!!!
```

X non conserved

X similar

X ≥50% conserved