```
logo

NTDB id 113 BSU 40900 NP 391970.1          MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTRNYENQ   85
NTDB id 61167 LBPG RS00050 WP 003568462.1  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 61167 LBPG RS00050 WP 003568462.1  QGQKVYVTEVVVENFALLESRATTQQRPSEPANPAGQGNQNYGGGQQFGNNQPQNPPSFGSQGAPNNASSSNPGQNPAASQNQGG   170
NTDB id 624 LCA RS00040 WP 011373726.1     QGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQN............FNSNQSNGSQQ................SGFTSPQQTGN   142
consensus                                  !!!*!*!!!!***** *!!** ** **  ***  **    * **** !* *! ***                     * !***

logo

NTDB id 113 BSU 40900 NP 391970.1          RNQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 61167 LBPG RS00050 WP 003568462.1  NSAANPANPDPFANNGKPIDISDDDLPF   198
NTDB id 624 LCA RS00040 WP 011373726.1     APAANNTQADPFANNGQAIDISDDDLPF   170
consensus                                    **!  * !!!!!*!**!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved