```
logo

NTDB id 113 BSU 40900 NP 391970.1          MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 1056182 ACFCS9 RS00050 WP 003568462.1 MLNSVALTGRLTRDVDLRYTQSGTAVGSFTLAVDRQFRSANGERETDFINCVIWRKSAENFANFTKKGSMVGVEGHIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1     MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                  !*!*!*!*!!!!*!**!!!! *!*!!**!**!!*!*!****!*!!*!!!!!!*!!**!!!*!!!*!!!!**!!*!**!!!

logo

NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGG......GSGSGGYNEGNSGGGQYFGGGQNDNPFG.................  137
NTDB id 1056182 ACFCS9 RS00050 WP 003568462.1 TYDNAQGQKVYVTEVVVENFALLESRATTQQRPSEPANPAGQGNQNYGGGQQFGNNQPQNPPSFGSQGAPNNASSSNPGQ  160
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQN............FNSNQSNGSQQ................S  132
consensus                                  *!*!*!!!*!*!!!!***** *!!** ** **  ***  **    * **** !* *! ***

logo

NTDB id 113 BSU 40900 NP 391970.1          ...GNQNNQRRNQGNSFNDDPFANDGKPIDISDDDLPF  172
NTDB id 1056182 ACFCS9 RS00050 WP 003568462.1 NPAASQNQGGNSAANPANPDPFANNGKPIDISDDDLPF  198
NTDB id 624 LCA RS00040 WP 011373726.1     GFTSPQQTGNAPAANNTQADPFANNGQAIDISDDDLPF  170
consensus                                     * !***   **!  * !!!!!*!**!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved