```
logo

NTDB id 113 BSU 40900 NP 391970.1                MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 197079 FAM18149p RS12780 WP 016378371.1  MLNSVALTGRLTRDVDLRYTQSGTAVGSFTLAVDRQFRSANGERETDFINCVIWRKSAENFANFTKKGSMVGVEGHIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1           MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                        !*!*!*!*!!!!*!**!!!! *!*!!**!**!!*!*!****!*!!*!!!!!!*!!**!!!*!!!!*!!!!**!!*!**!!!

logo

NTDB id 113 BSU 40900 NP 391970.1                NYENQQGQRVFVTEVQAESVQFLEPKNGGGS......GSGGYNEGNSGGGQYFGGGQNDNPFG.................  137
NTDB id 197079 FAM18149p RS12780 WP 016378371.1  TYDNAQGQKVYVTEVVVENFALLESRATTQQRPSEPANPAGQGNQNYGGGQQFGNNQPQNPPKNPPSFGSQGAPNNASSS  160
NTDB id 624 LCA RS00040 WP 011373726.1           NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSN.GSQQSGF........................  134
consensus                                        *!*!*!!!*!*!!!!***** *!!** ** **  * *  *** *** *!*!**!  *  **

logo

NTDB id 113 BSU 40900 NP 391970.1                .......GNQNNQRRNQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 197079 FAM18149p RS12780 WP 016378371.1  NPGQNPAASQNQGGNSAANPANPDPFANNGKPIDISDDDLPF   202
NTDB id 624 LCA RS00040 WP 011373726.1           ......TSPQQTGNAPAANNTQADPFANNGQAIDISDDDLPF   170
consensus                                               * !***   **!  * !!!!!*!**!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved