```
logo

NTDB id 113 BSU 40900 NP 391970.1          MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 1045106 ACEPST RS05625 WP 204120635.1 MINRVVLTGRLTRDVDLRYTQGGAAVATFTLAVDRRFTNKSGEREADFVSCVIWRKSAENFANFFHKGSLVGIEGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1     MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                  !*!!!!!*!!!!*!**!!!!  !!!!*!!**!!*! !!! *!*!!!!!**!!*!!**!!!*!!! *!!!!!*!**!!*!!!

logo

NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNS...........GGGQYFGGG.....QNDNPFGGNQNNQR   144
NTDB id 1045106 ACEPST RS05625 WP 204120635.1 NYENQQGQRVYVTEVVVEDFSFLEPRSRNANNDGGNYNGGSANNAPQQNQNQNANPYTSGNTASAAPTQNTNPNPVNNNQ   160
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNF...NSN....QSNG...........SQQSGFTSPQQTGN   142
consensus                                  !!!!!!!!!!*!!!!*** ***!!***  **  !*   ***     *    * ** *  *       *** *  ******

logo

NTDB id 113 BSU 40900 NP 391970.1          RNQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 1045106 ACEPST RS05625 WP 204120635.1 GNAGNNNSADPFANSGDSIDISDDDLPF   188
NTDB id 624 LCA RS00040 WP 011373726.1     APAANNTQADPFANNGQAIDISDDDLPF   170
consensus                                  ****!* **!!!!! !  !!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved