```
logo
```

```
NTDB id 624 LCA RS00040 WP 011373726.1          MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 1102527 ACM641 RS00100 WP 008177953.1   MINRVVLVGRLTKDPELRYTPNGIASTRFTVAVNRAFSNQQGEREADFINCVAWRKQAENLANFMRKGSLIGVEGRIQTG   80
NTDB id 113 BSU 40900 NP 391970.1               MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
consensus                                       !*!!!!!!!!!!*!**!!!!**!*!***!*!!!!  !*!**!*!!!!!!!!!!  !!**!!!*!!!*!!!!*!!*!*!!*
```

```
logo
```

```
NTDB id 624 LCA RS00040 WP 011373726.1          NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQQ.........................SGFTS   136
NTDB id 1102527 ACM641 RS00100 WP 008177953.1   SYEGQDGKRVYTTDVVADSVQFLEPRNGSGAPAP.....QYGGGQTYGNNQPSYGGGQPQQQFGGAMPGQGSYGGDAYQQ   155
NTDB id 113 BSU 40900 NP 391970.1               NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGG..GQYFGGGQNDNPFGGNQNNQRRN.......   146
consensus                                       *!!*!*!*!!**!*!*******!!******  *     *** *** ! **  *****  * ***    *      **
```

```
logo
```

```
NTDB id 624 LCA RS00040 WP 011373726.1          PQQTGNAPAANNTQADPFANNGQAIDISDDDLPF   170
NTDB id 1102527 ACM641 RS00100 WP 008177953.1   NQPPMNQPNYTRVDEDPFANSKGPIEVSEDDLPF   189
NTDB id 113 BSU 40900 NP 391970.1               ........QGNSFNDDPFANDGKPIDISDDDLPF   172
consensus                                        *    * ****  **!!!!! * *!**!*!!!!!
```

X non conserved
X similar
X ≥ 50% conserved