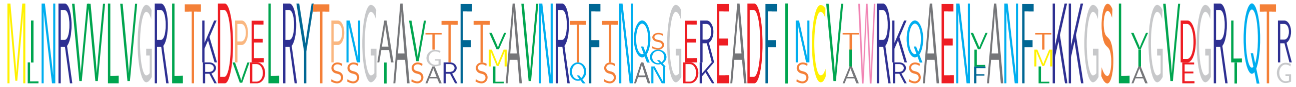
logo



```
NTDB id 1080027 ACKVEV RS16925 WP 024364645.1   MINRVVLVGRLTKDPELRYTPNGIASTRFTVAVNRTFSNQQGEKEADFISCVAWRKQAENLANFMKKGSLIGVEGRIQTG   80
NTDB id 113 BSU 40900 NP 391970.1               MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1          MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                       !*!!!!!!!!!!*!**!!!!**!*!***!**!!!!*!*!**!**!!!!!*!! !!**!!!*!!!*!!!!!*!!*!!*!!*
```

logo

```
NTDB id 1080027 ACKVEV RS16925 WP 024364645.1   SYEGQDGKRVYTTDVVADSVQFLEPRSGGGAPASNQYGGQS...YANSQPSYGGGQPQQQYGGAMPQQGSFGGGASYQQN   157
NTDB id 113 BSU 40900 NP 391970.1               NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGS.....GGYNEGNSGGGQYFGGGQNDNPFGG................N   139
NTDB id 624 LCA RS00040 WP 011373726.1          NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ.......QSGFTS................P   137
consensus                                       *!!*!*!*!!**!*!*******!!******        ****  **** * ***** ** ***                *
```

logo

```
NTDB id 1080027 ACKVEV RS16925 WP 024364645.1   QPPMNQPNYTRVDEDPFANSKGPIEVSEDDLPF   190
NTDB id 113 BSU 40900 NP 391970.1               QNNQRRNQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 624 LCA RS00040 WP 011373726.1          QQTGNAPAANNTQADPFANNGQAIDISDDDLPF   170
consensus                                       !*  * ****  **!!!!! * *!**!*!!!!!
```

X non conserved

X similar

X $\geq$50% conserved