logo

```
NTDB id 1017 ACIAD RS02540 WP 011182074.1    MSKWTINKTLGCAAIVGAFILSGCQTVPT.TKDPEKGVKVRTQLAAEYIKSGDLDSAKRALDQALKVNPKDSSANMMMGV   79
NTDB id 277713 AM462 RS11940 WP 005136899.1  MS.TPKLKIMLCMGVAVALLASGCQTSQTVKKDPEKAVKVRTQLAAEYIRSGDLDSAKRSLDQALSVDSRDATANMMMGI   79
NTDB id 1051 ABD1 RS02465 WP 004738086.1     MS.TPKLKIMLCMGVAVALLASGCQTSQTVKKDPEKAVKVRTQLAAEYIRSGDLDSAKRSLDQALSVDSRDATANMMMGI   79
consensus                                    !! ****!***!*****!***!!!!!**!**!!!!!*!!!!!!!!!!!!!*!!!!!!!!!*!!!!!*!***!**!!!!!!*
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logo

```
NTDB id 1017 ACIAD RS02540 WP 011182074.1    LLQQEGSRPNLEKADAYFERAVQLDPENAQAHNNYGTYLYQMKRYHDAIQQLTLAGSSLGYDQRYRALENIGRIYLHLGG   159
NTDB id 277713 AM462 RS11940 WP 005136899.1  LLQQEGSKSNLEKAEHYFKRAISSEPDNAQARNNYGTYLYQMERYNDAIEQFRIAGATLGYDQRYQALENLGRIYLKLGN   159
NTDB id 1051 ABD1 RS02465 WP 004738086.1     LLQQEGSKPNLEKAEHYFKRAISSEPDNAQARNNYGTYLYQMERYNDAIEQFRIAGATLGYDQRYQALENLGRIYLKLGD   159
consensus                                    !!!!!!!**!!!!!**!!*!!****!*!!!!*!!!!!!!!!!!*!!*!!!*!***!!**!!!!!!!*!!!!*!!!!!*!!
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logo

```
NTDB id 1017 ACIAD RS02540 WP 011182074.1    VANAEKMFSQALQANRDSSVSMLELAEIYYLQQRIPAATGMYEQYVRTVGQKNQGARALWIGIRVARANADRTGVQVLVN   239
NTDB id 277713 AM462 RS11940 WP 005136899.1  IASAEKTFKQALLANRDSYISMLELAEIFYLQQQIPAATQMYEQYVRTVGQKNQGARALWIGLRVARANADKMGMQVLVN   239
NTDB id 1051 ABD1 RS02465 WP 004738086.1     IASAEKTFKQALLANRDSYISMLELAEIFYLQQQIPAATQMYEQYVRTVGQKNQGARALWIGLRVARANADKMGMQVLVN   239
consensus                                    *!*!!!*!*!!!*!!!!!**!!!!!!!!!*!!!!*!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!**!*!!!!!
```

logo

```
NTDB id 1017 ACIAD RS02540 WP 011182074.1    QLRIFYPDSSEYQRYLKLQYSTEAVWK   266
NTDB id 277713 AM462 RS11940 WP 005136899.1  QLRALFPESPEYQRYLQLQYSTEAVWK   266
NTDB id 1051 ABD1 RS02465 WP 004738086.1     QLRALFPESPEYQRYLQLQYSTEAVWK   266
consensus                                    !!!***!*!*!!!!!!*!!!!!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved