```
logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1     MSKWTINKTLGCAAIVGAFILSGCQTVPT.TKDPEKGVKVRTQLAAEYIKSGDLDSAKRALDQALKVNPKDSSANMMMGV    79
NTDB id 269195 C3F34 RS09320 WP 171285000.1  ......MSLVGC......ITTTTSSAPGFKKDPEKAVEVRTQLAAEYIRKGDLDAAKRALDQALEMEPRDSTANMMMGV    67
NTDB id 1051 ABD1 RS02465 WP 004738086.1     .MSTPKLKIMLCMGVAVALLASGCQTSQTVKKDPEKAVKVRTQLAAEYIRSGDLDSAKRSLDQALSVDSRDATANMMMGI    79
consensus                                          *****! **  * * ***** ** *!!!!!*!*!!!!!!!!!!**!!!!*!!!*!!!!! ****!**!!!!!!*

logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1     LLQQEGSRPNLEKADAYFERAVQLDPENAQAHNNYGTYLYQMKRYHDAIQQLTLAGSSLGYDQRYRALENIGRIYLHLGG   159
NTDB id 269195 C3F34 RS09320 WP 171285000.1  LLQQEGSPANMEKAETHFKRAISADPNNAQARNNYGTYLYVVERYNEAIEQLAIAGSTLGYDQRFKALENLGRIYLKLGD   147
NTDB id 1051 ABD1 RS02465 WP 004738086.1     LLQQEGSKPNLEKAEHYFKRAISSEPDNAQARNNYGTYLYQMERYNDAIEQFRIAGATLGYDQRYQALENLGRIYLKLGD   159
consensus                                    !!!!!!!**!*!!!* *!*!!** *!*!!!!*!!!!!!!!***!!**!!*!* *!!**!!!!!!*!*!!!!*!!!!!*!!*

logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1     VANAEKMFSQALQANRDSSVSMLELAEIYYLQQRIPAATGMYEQYVRTVGQKNQGARALWIGIRVARANADRTGVQVLVN   239
NTDB id 269195 C3F34 RS09320 WP 171285000.1  TANAEKSFKQALQVNPNSYVSMLELSEIFYLRQQIPAATQLYEQFVRLVGQKNQSARALWIGIRLARANGDQMGMQVLVN   227
NTDB id 1051 ABD1 RS02465 WP 004738086.1     IASAEKTFKQALLANRDSYISMLELAEIFYLQQQIPAATQMYEQYVRTVGQKNQGARALWIGLRVARANADKMGMQVLVN   239
consensus                                    *!*!!!*!*!!!**!**!**!!!!!*!!*!!*!*!!!!!**!!!*!!*!!!!!!!*!!!!!!!!*!*!!!!*!**!*!!!!!

logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1     QLRIFYPDSSEYQRYLKLQYSTEAVWK   266
NTDB id 269195 C3F34 RS09320 WP 171285000.1  QLRALFPDSQEYTRYLQLQYSTEAVWK   254
NTDB id 1051 ABD1 RS02465 WP 004738086.1     QLRALFPESPEYQRYLQLQYSTEAVWK   266
consensus                                    !!!***!*! !!*!!!*!!!!!!!!!!
```

X non conserved

X similar

X ≥ 50% conserved