```
logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1       MSKWTINKTLGCAAIVGAFILSGCQTVPT.TKDPEKGVKVRTQLAAEYIKSGDLDSAKRALDQALKVNPKDSSANMMMGV   79
NTDB id 1090412 ACJQW4 RS07570 WP 241627615.1  ......MSLVGC......ITTTTSSAPGFKKNPEKAVEVRTQLAAEYIRKGDLDAAKRALDQALEMEPRDSTANMMMGV   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 1090412 ACJQW4 RS07570 WP 241627615.1  LLQQEGSPANMEKAEAHFKRAISADPKNAQARNNYGTYLYVVERYNEAIEQLTIAGSTLGYDQRFRALENLGRIYLKLGD   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 1090412 ACJQW4 RS07570 WP 241627615.1  TANAEKSFKQALQANPNSYVSMLELSEIFYLRQQIPAATQLYEQFVRLVGQKNQSARALWIGIRLARANGDKMGMQVLVN   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 1090412 ACJQW4 RS07570 WP 241627615.1  QLRALFPDSQEYTRYLQLQYSTEAVWK   254
NTDB id 1051 ABD1 RS02465 WP 004738086.1        QLRALFPESPEYQRYLQLQYSTEAVWK   266
consensus                                       !!!***!*! !!*!!!*!!!!!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved