```
logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1        MSKWTINKTLGCAAIVGAFILSGCQTVPT.TKDPEKGVKVRTQLAAEYIKSGDLDSAKRALDQALKVNPKDSSANMMMGV   79
NTDB id 1017202 AB0T70 RS16310 WP 188137546.1   MS.TPKLKIMLCMGVAVALLASGCQTSQTVKKDPEKAVKVRTQLAAEYIRSGDLDSAKRSLDQALSVDSRDATANMMMGI   79
NTDB id 1051 ABD1 RS02465 WP 004738086.1        MS.TPKLKIMLCMGVAVALLASGCQTSQTVKKDPEKAVKVRTQLAAEYIRSGDLDSAKRSLDQALSVDSRDATANMMMGI   79
consensus                                        !! ****!***!*****!***!!!!!**!**!!!!!*!!!!!!!!!!!!*!!!!!!!!*!!!!!*!***!**!!!!!!*

logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1        LLQQEGSRPNLEKADAYFERAVQLDPENAQAHNNYGTYLYQMKRYHDAIQQLTLAGSSLGYDQRYRALENIGRIYLHLGG   159
NTDB id 1017202 AB0T70 RS16310 WP 188137546.1   LLQQEGSKPNLEKAEHYFKRAISSEPDNAQARNNYGTYLYQMERYNDAIEQFRIAGATLGYDQRYQALENLGRIYLKLGD   159
NTDB id 1051 ABD1 RS02465 WP 004738086.1        LLQQEGSKPNLEKAEHYFKRAISSEPDNAQARNNYGTYLYQMERYNDAIEQFRIAGATLGYDQRYQALENLGRIYLKLGD   159
consensus                                        !!!!!!!*!!!!!!**!!*!!****!*!!!!*!!!!!!!!!!*!!*!!!!*!***!!**!!!!!!!*!!!!*!!!!!*!!*

logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1        VANAEKMFSQALQANRDSSVSMLELAEIYYLQQRIPAATGMYEQYVRTVGQKNQGARALWIGIRVARANADRTGVQVLVN   239
NTDB id 1017202 AB0T70 RS16310 WP 188137546.1   IASAEKTFKQALLANRDSYISMLELAEIFYLQQQIPAATQMYEQYVRTVGQKNQGARALWIGLRVARANADKTGMQVLVN   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 1017202 AB0T70 RS16310 WP 188137546.1   QLRALFPESPEYQRYLQLQYSTEAVWK   266
NTDB id 1051 ABD1 RS02465 WP 004738086.1        QLRALFPESPEYQRYLQLQYSTEAVWK   266
consensus                                        !!!***!*!*!!!!!!*!!!!!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved