```
logo

NTDB id 59663 BJAB07104 RS02855 WP 002027454.1  MS.TPKLKIMLCMGVAVALLTSGCQTSQTVKKDPEKAVKVRTQLAAEYIRSGDLDSAKRSLDQALSVDSRDATANMMMGI   79
NTDB id 1051 ABD1 RS02465 WP 004738086.1        MS.TPKLKIMLCMGVAVALLASGCQTSQTVKKDPEKAVKVRTQLAAEYIRSGDLDSAKRSLDQALSVDSRDATANMMMGI   79
NTDB id 1017 ACIAD RS02540 WP 011182074.1       MSKWTINKTLGCAAIVGAFILSGCQTVPT.TKDPEKGVKVRTQLAAEYIKSGDLDSAKRALDQALKVNPKDSSANMMMGV   79
consensus                                       !! ****!***!*****!** !!!!!**!**!!!!!*!!!!!!!!!!!!*!!!!!!!!!*!!!!!*!***!**!!!!!!*

logo

NTDB id 59663 BJAB07104 RS02855 WP 002027454.1  LLQQEGSKPNLEKAEHYFKRAISSEPDNAQARNNYGTYLYQMERYNDAIEQFRIAGATLGYDQRYQALENLGRIYLKLGD  159
NTDB id 1051 ABD1 RS02465 WP 004738086.1        LLQQEGSKPNLEKAEHYFKRAISSEPDNAQARNNYGTYLYQMERYNDAIEQFRIAGATLGYDQRYQALENLGRIYLKLGD  159
NTDB id 1017 ACIAD RS02540 WP 011182074.1       LLQQEGSRPNLEKADAYFERAVQLDPENAQAHNNYGTYLYQMKRYHDAIQQLTLAGSSLGYDQRYRALENIGRIYLHLGG  159
consensus                                       !!!!!!!*!!!!!!**!!*!!****!*!!!!*!!!!!!!!!!*!!*!!!*!***!!**!!!!!!!*!!!!*!!!!!*!!*

logo

NTDB id 59663 BJAB07104 RS02855 WP 002027454.1  IASAEKTFKQALLANRDSYISMLELAEIFYLQQQIPAATQMYEQYVRTVGQKNQGARALWIGLRVARANADKMGMQVLVN  239
NTDB id 1051 ABD1 RS02465 WP 004738086.1        IASAEKTFKQALLANRDSYISMLELAEIFYLQQQIPAATQMYEQYVRTVGQKNQGARALWIGLRVARANADKMGMQVLVN  239
NTDB id 1017 ACIAD RS02540 WP 011182074.1       VANAEKMFSQALQANRDSSVSMLELAEIYYLQQRIPAATGMYEQYVRTVGQKNQGARALWIGIRVARANADRTGVQVLVN  239
consensus                                       *!*!!!*!*!!!!*!!!!!!**!!!!!!!!*!!!!!*!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!**!*!!!!!

logo

NTDB id 59663 BJAB07104 RS02855 WP 002027454.1  QLRALFPESPEYQRYLQLQYSTEAVWK  266
NTDB id 1051 ABD1 RS02465 WP 004738086.1        QLRALFPESPEYQRYLQLQYSTEAVWK  266
NTDB id 1017 ACIAD RS02540 WP 011182074.1       QLRIFYPDSSEYQRYLKLQYSTEAVWK  266
consensus                                       !!!***!*!*!!!!!!*!!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved