```
logo

NTDB id 181234 A3K93 RS01840 WP 081408495.1  MSK.....LALISTLCVSVALVACQTQDIAKKDPEKAIKVRTQMAVEFIKSGDLDSAKRVLDEALSIRSRDSQANMMMGV   75
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 181234 A3K93 RS01840 WP 081408495.1  LLQQEGSALNLQKADAYFKRAISSDSKNAQARNNYGTYLFQVGRYKEAAEQFEIAGTTLGYEQRGRALENLGQSYLKMND  155
NTDB id 1051 ABD1 RS02465 WP 004738086.1     LLQQEGSKPNLEKAEHYFKRAISSEPDNAQARNNYGTYLYQMERYNDAIEQFRIAGATLGYDQRYQALENLGRIYLKLGD  159
NTDB id 1017 ACIAD RS02540 WP 011182074.1    LLQQEGSRPNLEKADAYFERAVQLDPENAQAHNNYGTYLYQMKRYHDAIQQLTLAGSSLGYDQRYRALENIGRIYLHLGG  159
consensus                                    !!!!!!!**!!*!!**!!*!!*****!!!!*!!!!!!!*!* !! *!**!* *!!**!!!*!!**!!!!*!**!!****

logo

NTDB id 181234 A3K93 RS01840 WP 081408495.1  VVNAEKSFKQALQANRDSYVSMLELAEISYLKQDFQTASRMYQDFVRGVGQNNQNARALWIGIRTARAEGDQMGMQVLVN  235
NTDB id 1051 ABD1 RS02465 WP 004738086.1     IASAEKTFKQALLANRDSYISMLELAEIFYLQQQIPAATQMYEQYVRTVGQKNQGARALWIGLRVARANADKMGMQVLVN  239
NTDB id 1017 ACIAD RS02540 WP 011182074.1    VANAEKMFSQALQANRDSSVSMLELAEIYYLQQRIPAATGMYEQYVRTVGQKNQGARALWIGIRVARANADRTGVQVLVN  239
consensus                                    ***!!!*!*!!!*!!!!!**!!!!!!!!!*!!*! ***!* !!***!!*!!!*!!*!!!!!!!!*!*!!!**!**!*!!!!!

logo

NTDB id 181234 A3K93 RS01840 WP 081408495.1  QLRALFPESPEYQRYLQLQYSTEAVWK   262
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 ≥ 50% conserved