```
logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1       MSKWTINKTLGCAAIVGAFILSGCQTVPT.TKDPEKGVKVRTQLAAEYIKSGDLDSAKRALDQALKVNPKDSSANMMMGV    79
NTDB id 1002542 ABEF83 RS02440 WP 161788388.1  ....MTSKIALISTVCFSLALTACQTVDAGKKDPEKAIKVRTQLAVEYLKTGDLDSAKRALDEALKINSRDAQANMMMGV    76
NTDB id 1051 ABD1 RS02465 WP 004738086.1       MST.PKLKIMLCMGVAVALLASGCQTSQTVKKDPEKAVKVRTQLAAEYIRSGDLDSAKRSLDQALSVDSRDATANMMMGI    79
consensus                                      **     !*** **  ******!!!* * *!!!!!**!!!!!!*!!***!!!!!!!*!!*!!*****!**!!!!!!*

logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1       LLQQEGSRPNLEKADAYFERAVQLDPENAQAHNNYGTYLYQMKRYHDAIQQLTLAGSSLGYDQRYRALENIGRIYLHLGG   159
NTDB id 1002542 ABEF83 RS02440 WP 161788388.1  LLQQEGSKANLEKAESYFKKAISAEPKNAQARNNYGTYLYQLERYNDAIEQFEIAGATLGYDQRYRALENLGRIYLKKGD   156
NTDB id 1051 ABD1 RS02465 WP 004738086.1       LLQQEGSKPNLEKAEHYFKRAISSEPDNAQARNNYGTYLYQMERYNDAIEQFRIAGATLGYDQRYQALENLGRIYLKLGD   159
consensus                                      !!!!!!!**!!!!!* !!**!** *!*!!!!*!!!!!!!!!**!!*!!!*!* *!!**!!!!!!!*!!!!*!!!!!**!*

logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1       VANAEKMFSQALQANRDSSVSMLELAEIYYLQQRIPAATGMYEQYVRTVGQKNQGARALWIGIRVARANADRTGVQVLVN   239
NTDB id 1002542 ABEF83 RS02440 WP 161788388.1  LVNAEKSFKQALQANRDSYISMLELAEIFYLNQQFPAASKMYEQFVHAVGQKNQGARALWIGIRTARASGDQLGMQVLVN   236
NTDB id 1051 ABD1 RS02465 WP 004738086.1       IASAEKTFKQALLANRDSYISMLELAEIFYLQQQIPAATQMYEQYVRTVGQKNQGARALWIGLRVARANADKMGMQVLVN   239
consensus                                      ***!!!*!*!!!*!!!!!**!!!!!!!!!*!!*!**!!!* !!!!*!**!!!!!!!!!!!!!!!!*!*!!!**!**!*!!!!!

logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1       QLRIFYPDSSEYQRYLKLQYSTEAVWK   266
NTDB id 1002542 ABEF83 RS02440 WP 161788388.1  QLRALFPESQEYQRYLQLQYSTEAVWK   263
NTDB id 1051 ABD1 RS02465 WP 004738086.1       QLRALFPESPEYQRYLQLQYSTEAVWK   266
consensus                                      !!!***!*! !!!!!!*!!!!!!!!!!
```

X non conserved
X similar
X $\geq$ 50% conserved