```
logo
NTDB id 1017 ACIAD RS02540 WP 011182074.1      MSKWTINKTLGCAAIVGAFILSGCQTVPT.TKDPEKGVKVRTQLAAEYIKSGDLDSAKRALDQALKVNPKDSSANMMMGV   79
NTDB id 220101 OTEC02 RS16250 WP 201783225.1   .MSIPKLKTVLCMGIAVAFLASGCQTTHTQKKDPEKAVKVRTQLAAEHIRSGDLDSAKRALDQALSVDSRDATANMMMGI   79
NTDB id 1051 ABD1 RS02465 WP 004738086.1       .MSTPKLKIMLCMGVAVALLASGCQTSQTVKKDPEKAVKVRTQLAAEYIRSGDLDSAKRSLDQALSVDSRDATANMMMGI   79
consensus                                       **  ***!***!*****!***!!!!!* ! *!!!!!*!!!!!!!!!!*!*!!!!!!!!!!*!!!!!*!***!**!!!!!!*

logo
NTDB id 1017 ACIAD RS02540 WP 011182074.1      LLQQEGSRPNLEKADAYFERAVQLDPENAQAHNNYGTYLYQMKRYHDAIQQLTLAGSSLGYDQRYRALENIGRIYLHLGG   159
NTDB id 220101 OTEC02 RS16250 WP 201783225.1   LLQQEGSKTNLEKAEHYFKRAISSEPDNAQAHNNYGTYLYQMGRYNDAIEQFRIAGATLGYDQRYQALENLGRIYLKLGD   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 220101 OTEC02 RS16250 WP 201783225.1   VVNAEKTFKQALLANRDSYISMLELAEIFYLQQQIPAATQMYEQYVRTVGQKNQGARALWIGLRVARANADKMGMQALVN   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 220101 OTEC02 RS16250 WP 201783225.1   QLRALFPESPEYQRYLQLQYSTEAVWK   266
NTDB id 1051 ABD1 RS02465 WP 004738086.1       QLRALFPESPEYQRYLQLQYSTEAVWK   266
consensus                                      !!!***!*!*!!!!!!*!!!!!!!!!!
```

X non conserved

X similar

X ≥ 50% conserved