```
logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1       MSKWTINKTLGCAAIVGAFILSGCQTVPT.TKDPEKGVKVRTQLAAEYIKSGDLDSAKRALDQALKVNPKDSSANMMMGV   79
NTDB id 1021121 ABZP31 RS02105 WP 005016505.1  MRKPVYKTFVLLTVTLSALLVTACQTPDTLSKDPEKAVKVRTQLAAEYIKSGDLDAAKRALDQALEVDSRDATANMMMGV   80
NTDB id 1051 ABD1 RS02465 WP 004738086.1       MSTPKLKIMLCMG.VAVALLASGCQTSQTVKKDPEKAVKVRTQLAAEYIRSGDLDSAKRSLDQALSVDSRDATANMMMGI   79
consensus                                      !*** **  * ** ** !*****!!!  !**!!!!!*!!!!!!!!!!!!*!!!!!*!!!*!!!!! !***!**!!!!!!*

logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1       LLQQEGSRPNLEKADAYFERAVQLDPENAQAHNNYGTYLYQMKRYHDAIQQLTLAGSSLGYDQRYRALENIGRIYLHLGG   159
NTDB id 1021121 ABZP31 RS02105 WP 005016505.1  LLQQEGSQLNLDKAESYFRRSISIEPKNAQARNNYGAYLYQIGRYKDAIEQLEIAGATLGYEQRYQALENLGRIYLKLGN   160
NTDB id 1051 ABD1 RS02465 WP 004738086.1       LLQQEGSKPNLEKAEHYFKRAISSEPDNAQARNNYGTYLYQMERYNDAIEQFRIAGATLGYDQRYQALENLGRIYLKLGD   159
consensus                                      !!!!!!!**!!*!!* !!*!*****!*!!!!*!!!!*!!!!* !! !!!*!* *!!**!!!*!!!*!!!!*!!!!!*!!

logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1       VANAEKMFSQALQANRDSSVSMLELAEIYYLQQRIPAATGMYEQYVRTVGQKNQGARALWIGIRVARANADRTGVQVLVN   239
NTDB id 1021121 ABZP31 RS02105 WP 005016505.1  VANAEKTFKQALQANRDSSISMLELAEIFYLRQQIPAATQLYEQYVRRVGQKNQGARALWIGIRIARANDDKMGTQVLVN   240
NTDB id 1051 ABD1 RS02465 WP 004738086.1       IASAEKTFKQALLANRDSYISMLELAEIFYLQQQIPAATQMYEQYVRTVGQKNQGARALWIGLRVARANADKMGMQVLVN   239
consensus                                      *!*!!!*!*!!!*!!!!!**!!!!!!!!*!!*!*!!!!!**!!!!!!*!!!!!!!!!!!!!!!*!*!!!!*!**!*!!!!!

logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1       QLRIFYPDSSEYQRYLKLQYSTEAVWK   266
NTDB id 1021121 ABZP31 RS02105 WP 005016505.1  QLRALFPDSQEYQRYLQLQHSTEAVWK   267
NTDB id 1051 ABD1 RS02465 WP 004738086.1       QLRALFPESPEYQRYLQLQYSTEAVWK   266
consensus                                      !!!***!*! !!!!!!*!!*!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved