```
logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1  MSKWTINKTLGCAAIVGAFILSGCQTV....PTTKDPEKGVKVRTQLAAEYIKSGDLDSAKRALDQALKVNPKDSSANMMMGVLL   81
NTDB id 66374 AS4 RS18870 WP 096735174.1   ..MYQKAVVILAIGL.SALVVQGCQTTNSDTIIKKDPEKAVKVRTQLAAEYIRTGDLDAAKRALDQALETDSRDSAANMMMGVLL   82
NTDB id 1051 ABD1 RS02465 WP 004738086.1   .MSTPKLKIMLCMGVAVALLASGCQTS...QTVKKDPEKAVKVRTQLAAEYIRSGDLDSAKRSLDQALSVDSRDATANMMMGILL   81
consensus                                     * * *******  !****!!!!*     **!!!!!!*!!!!!!!!!!!!**!!!!*!!!!*!!!!! ****!**!!!!!!*!!

logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1  QQEGSRPNLEKADAYFERAVQLDPENAQAHNNYGTYLYQMKRYHDAIQQLTLAGSSLGYDQRYRALENIGRIYLHLGGVANAEKM   166
NTDB id 66374 AS4 RS18870 WP 096735174.1   QQEGSKISMEKADGYFKRAISSDSKNAQARNNYGTYLFVSERYNDAIEQLSIAGAALGYDQRYKALENLGRVYLKVGDVANAEKA   167
NTDB id 1051 ABD1 RS02465 WP 004738086.1   QQEGSKPNLEKAEHYFKRAISSEPDNAQARNNYGTYLYQMERYNDAIEQFRIAGATLGYDQRYQALENLGRIYLKLGDIASAEKT   166
consensus                                  !!!!!****!!!**!!*!!*****!!!!*!!!!!!!****!!*!!!*!***!!**!!!!!!!*!!!!*!!*!!**!**!*!!!

logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1  FSQALQANRDSSVSMLELAEIYYLQQRIPAATGMYEQYVRTVGQKNQGARALWIGIRVARANADRTGVQVLVNQLRIFYPDSSEY   251
NTDB id 66374 AS4 RS18870 WP 096735174.1   FKQALQVNRDSIISLVELSEIFYLQQKSAQASQLYEQYVRLVGQDKQGARALWIGLRIARANNDQMGMQVLVNQLRALFPDSKEY   252
NTDB id 1051 ABD1 RS02465 WP 004738086.1   FKQALLANRDSYISMLELAEIFYLQQQIPAATQMYEQYVRTVGQKNQGARALWIGLRVARANADKMGMQVLVNQLRALFPESPEY   251
consensus                                  !*!!!**!!!!  *!**!!*!!*!!!!*****!***!!!!!!*!!!**!!!!!!!!!!*!*!!!!!*!**!*!!!!!!!!!***!*!  !!

logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1  QRYLKLQYSTEAVWK   266
NTDB id 66374 AS4 RS18870 WP 096735174.1   QRYLQLQYSTEAVWK   267
NTDB id 1051 ABD1 RS02465 WP 004738086.1   QRYLQLQYSTEAVWK   266
consensus                                  !!!!*!!!!!!!!!!
```

X non conserved

X similar

X ≥ 50% conserved