```
logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1      MSKWTINKTLGCAAIVGAFILSGCQTVP...TTKDPEKGVKVRTQLAAEYIKSGDLDSAKRALDQALKVNPKDSSANMMM   77
NTDB id 1107006 ACLKM3 RS02755 WP 019836295.1  MNKPVFKFAQITTVCISAIFAAACQTTAPTLGQKDPEKAVQVRTQLAAEYLKNGDLDSAKRALDQALESDSRDSSANMMM   80
NTDB id 1051 ABD1 RS02465 WP 004738086.1       MSTPKLKIMLCMGV.AVALLASGCQTSQ..TVKKDPEKAVKVRTQLAAEYIRSGDLDSAKRSLDQALSVDSRDATANMMM   77
consensus                                      !*** **  *  ** * !*****!!!*      !!!!!*!*!!!!!!!!!***!!!!!!!!*!!!!! ****!**!!!!!

logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1      GVLLQQEGSRPNLEKADAYFERAVQLDPENAQAHNNYGTYLYQMKRYHDAIQQLTLAGSSLGYDQRYRALENIGRIYLHL  157
NTDB id 1107006 ACLKM3 RS02755 WP 019836295.1  GVLLQQEGSKLNLEKADAYFKRAIAADPQNAQARNNYGTYLYQVERYNEAIEQLSIAGATLGYDQRFRALENVGRIYLKL  160
NTDB id 1051 ABD1 RS02465 WP 004738086.1       GILLQQEGSKPNLEKAEHYFKRAISSEPDNAQARNNYGTYLYQMERYNDAIEQFRIAGATLGYDQRYQALENLGRIYLKL  157
consensus                                      !*!!!!!!!**!!!!!**!!*!!*  *!*!!!!*!!!!!!!!!**!!**!!*!***!!**!!!!!!**!!!!*!!!!!*!

logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1      GGVANAEKMFSQALQANRDSSVSMLELAEIYYLQQRIPAATGMYEQYVRTVGQKNQGARALWIGIRVARANADRTGVQVL  237
NTDB id 1107006 ACLKM3 RS02755 WP 019836295.1  GDVANAEKSFKQALQANRDSYVSMLELSEILYLRQQFAPARQLYEQFVRAVGQKNQGARALWIGIRLARANGDQLGTQVL  240
NTDB id 1051 ABD1 RS02465 WP 004738086.1       GDIASAEKTFKQALLANRDSYISMLELAEIFYLQQQIPAATQMYEQYVRTVGQKNQGARALWIGLRVARANADKMGMQVL  237
consensus                                      !**!*!!!*!*!!!*!!!!!**!!!!!*!!*!!*!****!***!!!*!!*!!!!!!!!!!!!!!!*!*!!!!*!**!*!!!

logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1      VNQLRIFYPDSSEYQRYLKLQYSTEAVWK   266
NTDB id 1107006 ACLKM3 RS02755 WP 019836295.1  VNQLRALFPNSQEYQRYLQLQYSTEAVWK   269
NTDB id 1051 ABD1 RS02465 WP 004738086.1       VNQLRALFPESPEYQRYLQLQYSTEAVWK   266
consensus                                      !!!!!***!*! !!!!!!*!!!!!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved