```
logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1       MSKWTINKTLGCAAIVGAFILSGCQTVP...TTKDPEKGVKVRTQLAAEYIKSGDLDSAKRALDQALKVNPKDSSANMMM   77
NTDB id 109997 ABXS94 RS02785 WP 353675501.1    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 109997 ABXS94 RS02785 WP 353675501.1    GVLLQQEGSKLNLEKADAYFKRAIAADPQNAQARNNYGTYLYQVERYNDAIEQLSIAGATLGYDQRFRALENVGRIYLKL   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 109997 ABXS94 RS02785 WP 353675501.1    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 109997 ABXS94 RS02785 WP 353675501.1    VNQLRALFPNSQEYQRYLQLQYSTEAVWK   269
NTDB id 1051 ABD1 RS02465 WP 004738086.1        VNQLRALFPESPEYQRYLQLQYSTEAVWK   266
consensus                                       !!!!!***!*! !!!!!!*!!!!!!!!!!
```

X non conserved

X similar

X ≥ 50% conserved