```
logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1        ..MSKWTINKTLGCAAIVGAFILSGCQTVPTTKDPEKGVKVRTQLAAEYIKSGDLDSAKRALDQALKVNPKDSSANMMMG   78
NTDB id 313005 AhaeAN59 RS03060 WP 026056343.1   MNTTRLKTTIAI..TVVLMAGGLTACQSTPSTKDPEKAVQVRTQLAAEYIRTRDLDSAKRSLDQALKLNSRDANANMMMG   78
NTDB id 1051 ABD1 RS02465 WP 004738086.1         MSTPKLKIMLCMGVAVALLASGC..QTSQTVKKDPEKAVKVRTQLAAEYIRSGDLDSAKRSLDQALSVDSRDATANMMMG   78
consensus                                        * ****** * ** *****! ******* ***!!!!!*!*!!!!!!!!!!***!!!!!!!*!!!!!*****!**!!!!!!

logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1        VLLQQEGSRPNLEKADAYFERAVQLDPENAQAHNNYGTYLYQMKRYHDAIQQLTLAGSSLGYDQRYRALENIGRIYLHLG   158
NTDB id 313005 AhaeAN59 RS03060 WP 026056343.1   ILLQQEGSKLNMEKADAYFKRAISSEPDNAQARNNYGTYLYQMQRYNEAIEQFTRAGATLGYDQRFQSLENLGRIYLLLG   158
NTDB id 1051 ABD1 RS02465 WP 004738086.1         ILLQQEGSKPNLEKAEHYFKRAISSEPDNAQARNNYGTYLYQMERYNDAIEQFRIAGATLGYDQRYQALENLGRIYLKLG   158
consensus                                        *!!!!!!!**!*!!!**!!*!!****!*!!!!*!!!!!!!!!! !!**!!*!***!!**!!!!!!***!!!*!!!!! !!

logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1        GVANAEKMFSQALQANRDSSVSMLELAEIYYLQQRIPAATGMYEQYVRTVGQKNQGARALWIGIRVARANADRTGVQVLV   238
NTDB id 313005 AhaeAN59 RS03060 WP 026056343.1   DVTNAEKSFKQALQANRNATISMLELSEIFYLQQNNRDASQLYEQYVRSVGQRNQGARALWIGIRIARANADQLGMQVLV   238
NTDB id 1051 ABD1 RS02465 WP 004738086.1         DIASAEKTFKQALLANRDSYISMLELAEIFYLQQQIPAATQMYEQYVRTVGQKNQGARALWIGLRVARANADKMGMQVLV   238
consensus                                        ****!!!*!*!!!*!!!***!!!!!*!!*!!!!*****!***!!!!!!*!!!*!!!!!!!!!!*!*!!!!!!**!*!!!!

logo

NTDB id 1017 ACIAD RS02540 WP 011182074.1        NQLRIFYPDSSEYQRYLKLQYSTEAVWK   266
NTDB id 313005 AhaeAN59 RS03060 WP 026056343.1   NQLRALFPDSPEYQRYLQLQYSTEAVWK   266
NTDB id 1051 ABD1 RS02465 WP 004738086.1         NQLRALFPESPEYQRYLQLQYSTEAVWK   266
consensus                                        !!!!***!*!*!!!!!!*!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved