```
logo

NTDB id 278498 AM480 RS08870 WP 002027454.1   MS.TPKLKIMLCMGVAVALLTSGCQTSQTVKKDPEKAVKVRTQLAAEYIRSGDLDSAKRSLDQALSVDSRDATANMMMGI   79
NTDB id 1051 ABD1 RS02465 WP 004738086.1      MS.TPKLKIMLCMGVAVALLASGCQTSQTVKKDPEKAVKVRTQLAAEYIRSGDLDSAKRSLDQALSVDSRDATANMMMGI   79
NTDB id 1017 ACIAD RS02540 WP 011182074.1     MSKWTINKTLGCAAIVGAFILSGCQTVPT.TKDPEKGVKVRTQLAAEYIKSGDLDSAKRALDQALKVNPKDSSANMMMGV   79
consensus                                     !! ****!***!*****!** !!!!!**!**!!!!!*!!!!!!!!!!!!*!!!!!!!!!*!!!!!*!***!**!!!!!!*

logo

NTDB id 278498 AM480 RS08870 WP 002027454.1   LLQQEGSKPNLEKAEHYFKRAISSEPDNAQARNNYGTYLYQMERYNDAIEQFRIAGATLGYDQRYQALENLGRIYLKLGD   159
NTDB id 1051 ABD1 RS02465 WP 004738086.1      LLQQEGSKPNLEKAEHYFKRAISSEPDNAQARNNYGTYLYQMERYNDAIEQFRIAGATLGYDQRYQALENLGRIYLKLGD   159
NTDB id 1017 ACIAD RS02540 WP 011182074.1     LLQQEGSRPNLEKADAYFERAVQLDPENAQAHNNYGTYLYQMKRYHDAIQQLTLAGSSLGYDQRYRALENIGRIYLHLGG   159
consensus                                     !!!!!!!*!!!!!!**!!*!!****!*!!!!*!!!!!!!!!!*!!*!!!!*!***!!**!!!!!!!*!!!!*!!!!!*!!*

logo

NTDB id 278498 AM480 RS08870 WP 002027454.1   IASAEKTFKQALLANRDSYISMLELAEIFYLQQQIPAATQMYEQYVRTVGQKNQGARALWIGLRVARANADKMGMQVLVN   239
NTDB id 1051 ABD1 RS02465 WP 004738086.1      IASAEKTFKQALLANRDSYISMLELAEIFYLQQQIPAATQMYEQYVRTVGQKNQGARALWIGLRVARANADKMGMQVLVN   239
NTDB id 1017 ACIAD RS02540 WP 011182074.1     VANAEKMFSQALQANRDSSVSMLELAEIYYLQQRIPAATGMYEQYVRTVGQKNQGARALWIGIRVARANADRTGVQVLVN   239
consensus                                     *!*!!!*!*!!!*!!!!!!**!!!!!!!!!*!!!!*!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!**!*!!!!!

logo

NTDB id 278498 AM480 RS08870 WP 002027454.1   QLRALFPESPEYQRYLQLQYSTEAVWK   266
NTDB id 1051 ABD1 RS02465 WP 004738086.1      QLRALFPESPEYQRYLQLQYSTEAVWK   266
NTDB id 1017 ACIAD RS02540 WP 011182074.1     QLRIFYPDSSEYQRYLKLQYSTEAVWK   266
consensus                                     !!!***!*!*!!!!!!*!!!!!!!!!!
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X non conserved
X similar
X ≥ 50% conserved