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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 84482 L6410 RS06220 WP 237395115.1  MAKKNVKKQAMSLLSLLATIVVVAGGYLLSDNKSSNVADYSYYVNQSKASEGTPSQELASSVLTEDVKKQLGNSIEWNGAGAFII   85
NTDB id 262 KZH43 RS08770 WP 001036779.1    ....MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNS.PKTNLSQKKQASEAPSQALAESVLTDAVKSQIKGSLEWNGSGAFIV   80
NTDB id 221 SPD RS09380 WP 001036779.1      ....MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNS.PKTNLSQKKQASEAPSQALAESVLTDAVKSQIKGSLEWNGSGAFIV   80
NTDB id 187 SPR RS08930 WP 001036779.1      ....MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNS.PKTNLSQKKQASEAPSQALAESVLTDAVKSQIKGSLEWNGSGAFIV   80
NTDB id 152 SP RS09870 WP 001036779.1       ....MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNS.PKTNLSQKKQASEAPSQALAESVLTDAVKSQIKGSLEWNGSGAFIV   80
consensus                                       **!!****!**!!*******!*!******!**** ******!*!*****!!!*!!*!!!!**!!*!***!*!!!!*!!!!*

logo

NTDB id 84482 L6410 RS06220 WP 237395115.1  NGNQTDLDASVASVPYGDNKTKTVQGETVPTVANALLAKSTRQYKDREETGNGRTSWTPAGWHQIHDLTGEYDHAVDRGHLLGYA   170
NTDB id 262 KZH43 RS08770 WP 001036779.1    NGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTHAVDRGHLLGYA   165
NTDB id 221 SPD RS09380 WP 001036779.1      NGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTHAVDRGHLLGYA   165
NTDB id 187 SPR RS08930 WP 001036779.1      NGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTHAVDRGHLLGYA   165
NTDB id 152 SP RS09870 WP 001036779.1       NGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTHAVDRGHLLGYA   165
consensus                                   !!!*!*!!!*!*!*!!*!!!!!!!!**!!!!!!!!!!!!*!*!!!!!*!*!!!!!*!!!!!*!!!!***!*!*!*!!!!!!!!!!!

logo

NTDB id 84482 L6410 RS06220 WP 237395115.1  LIGGLSGFDASTSNPKNIAVQTAWSNQANDQTSTGQNYFESQIRRALDKNKRVRYRVTLVYAESEDLVPVGSHLEAKAADGSLEF   255
NTDB id 262 KZH43 RS08770 WP 001036779.1    LIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVPSASQIEAKSSDGELEF   250
NTDB id 221 SPD RS09380 WP 001036779.1      LIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVPSASQIEAKSSDGELEF   250
NTDB id 187 SPR RS08930 WP 001036779.1      LIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVPSASQIEAKSSDGELEF   250
NTDB id 152 SP RS09870 WP 001036779.1       LIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVPSASQIEAKSSDGELEF   250
consensus                                   !!!!!*!!!!!!!!!!!!!!!!!!!!*!!!****!!!!!!*!!**!*!!!*!!!!!!!!!!!*!!**!!!!!**!**!!!**!!*!!!

logo

NTDB id 84482 L6410 RS06220 WP 237395115.1  NVFVPNVQSGLSINYRSGEITVNE   279
NTDB id 262 KZH43 RS08770 WP 001036779.1    NVLVPNVQKGLQLDYRTGEVTVTQ   274
NTDB id 221 SPD RS09380 WP 001036779.1      NVLVPNVQKGLQLDYRTGEVTVTQ   274
NTDB id 187 SPR RS08930 WP 001036779.1      NVLVPNVQKGLQLDYRTGEVTVTQ   274
NTDB id 152 SP RS09870 WP 001036779.1       NVLVPNVQKGLQLDYRTGEVTVTQ   274
consensus                                   !!*!!!!!*!!***!!*!!*!!**
```

X non conserved

X similar

X ≥50% conserved