```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 49686 SSU12 RS05440 WP 012028260.1  MAKKNVKKQAMSLLSLLATIVVVAGGYLLSDNKSSNVADYSYYVNQSKASEGTPNQELASSVLTEDVKKQLGNSIEWNSAGAFII   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 49686 SSU12 RS05440 WP 012028260.1  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 49686 SSU12 RS05440 WP 012028260.1  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 49686 SSU12 RS05440 WP 012028260.1  NVFVPNVQSGLSINYHSGEIAVNQ   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                                   !!*!!!!!*!!***!**!!**!*!
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X non conserved

X similar

X ≥ 50% conserved