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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 20091 SSU05 1168 ABP90134.1        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 20091 SSU05 1168 ABP90134.1        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 20091 SSU05 1168 ABP90134.1        LIGGLSGFDASTSNPKILQFKQLGPTKLTTKLQLGRIIFESQMRRALDKNKRVRYRVTLVYAESEDLVPVGSHLEAKAADGSLEF   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 20091 SSU05 1168 ABP90134.1        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                                  !!*!!!!!*!!***!**!!**!*!
```

X non conserved

X similar

X ≥ 50% conserved