```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 316 STER RS05545 WP 011681210.1    MAKRKTSLTNKQKRQLVTLIIAALIAVLGYLGTSNKLSPDNPIRQVASLVSGKSNKSIKSNGSTNSQSTPQEQLAETVMTSSVKS   85
NTDB id 262 KZH43 RS08770 WP 001036779.1   .......MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTN...............LSQKKQASEAPSQALAESVLTDAVKS   64
NTDB id 221 SPD RS09380 WP 001036779.1     .......MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTN...............LSQKKQASEAPSQALAESVLTDAVKS   64
NTDB id 187 SPR RS08930 WP 001036779.1     .......MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTN...............LSQKKQASEAPSQALAESVLTDAVKS   64
NTDB id 152 SP RS09870 WP 001036779.1      .......MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTN...............LSQKKQASEAPSQALAESVLTDAVKS   64
consensus                                        ***!****!**!****!*****!********!**!***                 **********!***!!!*!*!**!!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 316 STER RS05545 WP 011681210.1    QLGNSLEWNGAGAYIINRNKTNLNAKVSSQPYANNQVKTVQGQTVPTVANALLSKATRQYKNRQETGNGSTSWTPAGWHQVQNLS   170
NTDB id 262 KZH43 RS08770 WP 001036779.1   QIKGSLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLK   149
NTDB id 221 SPD RS09380 WP 001036779.1     QIKGSLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLK   149
NTDB id 187 SPR RS08930 WP 001036779.1     QIKGSLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLK   149
NTDB id 152 SP RS09870 WP 001036779.1      QIKGSLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLK   149
consensus                                  !***!!!!!!*!!*!*!*!!!!!*!!!!!*!!!*!**!!!***!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!*!!!!!*!!*

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 316 STER RS05545 WP 011681210.1    GEYSHAVDRGHLLGYALIGGLKGFDASTSNPENIAVQTAWANQAYSDSSTGQNYYESLVRKALDKNKRVRYRVTLIYEG.ENLIP   254
NTDB id 262 KZH43 RS08770 WP 001036779.1   GSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVP   234
NTDB id 221 SPD RS09380 WP 001036779.1     GSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVP   234
NTDB id 187 SPR RS08930 WP 001036779.1     GSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVP   234
NTDB id 152 SP RS09870 WP 001036779.1      GSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVP   234
consensus                                  !*!*!!!!!!!!!!!!!!!!!!*!!!!!!!!!!*!!!!!!!!!!!!!****!!!!!!!!!*!!!!!!!*!!!!!!!!!!!*!***!*!*!

logo
                                                                                                
NTDB id 316 STER RS05545 WP 011681210.1    SGTHLEAKSADGSLEFNVFVPNVQEGITLDYYSGKVTVN.   293
NTDB id 262 KZH43 RS08770 WP 001036779.1   SASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ   274
NTDB id 221 SPD RS09380 WP 001036779.1     SASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ   274
NTDB id 187 SPR RS08930 WP 001036779.1     SASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ   274
NTDB id 152 SP RS09870 WP 001036779.1      SASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ   274
consensus                                  !****!!!!*!!*!!!!!!*!!!!!!*!**!!!**!*!!!**
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X non conserved

X similar

X ≥ 50% conserved