```
logo
NTDB id 1111686 HMPREF9319 RS03160 WP 003064105.1  MAKKSKLSKQIKSLLSL.VILLVGIGTGWVTISDSNDPLNQVVSLITGDSSSEITSNQSGSDSATPTQALAETVL   74
NTDB id 262 KZH43 RS08770 WP 001036779.1           MNKKT.....RQTLIGLLVLLLLSTGSYYIKQMP............SAPNSPKTNLSQKKQASEAPSQALAESVL   58
NTDB id 221 SPD RS09380 WP 001036779.1             MNKKT.....RQTLIGLLVLLLLSTGSYYIKQMP............SAPNSPKTNLSQKKQASEAPSQALAESVL   58
NTDB id 187 SPR RS08930 WP 001036779.1             MNKKT.....RQTLIGLLVLLLLSTGSYYIKQMP............SAPNSPKTNLSQKKQASEAPSQALAESVL   58
NTDB id 152 SP RS09870 WP 001036779.1              MNKKT.....RQTLIGLLVLLLLSTGSYYIKQMP............SAPNSPKTNLSQKKQASEAPSQALAESVL   58
consensus                                          !*!!*     ***!**!*!*!!***!********             ****!******!****!**!*!!!!!*!!

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NTDB id 1111686 HMPREF9319 RS03160 WP 003064105.1  TDSVKEQLGTNIEWNGAGAYIINNNQTSLNAKVSSQPYANNKTKTVQGQTVPTVANALLSKSTRQYKSREETGNG  149
NTDB id 262 KZH43 RS08770 WP 001036779.1           TDAVKSQIKGSLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNG  133
NTDB id 221 SPD RS09380 WP 001036779.1             TDAVKSQIKGSLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNG  133
NTDB id 187 SPR RS08930 WP 001036779.1             TDAVKSQIKGSLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNG  133
NTDB id 152 SP RS09870 WP 001036779.1              TDAVKSQIKGSLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNG  133
consensus                                          !!*!!*!*****!!!!*!!*!*!*!*!*!*!!!!!*!!!*!!!!!!***!!!!!!!!!!!!!*!!!!!*!*!!!!!

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NTDB id 1111686 HMPREF9319 RS03160 WP 003064105.1  STSWKPAGWHQVQDLSGTYSHAVDRGHLLGYALVGGLKGFDASTSNPDNVATQTAWANEANSESSTGQNYYECLV  224
NTDB id 262 KZH43 RS08770 WP 001036779.1           STSWTPPGWHQVKNLKGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKV  208
NTDB id 221 SPD RS09380 WP 001036779.1             STSWTPPGWHQVKNLKGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKV  208
NTDB id 187 SPR RS08930 WP 001036779.1             STSWTPPGWHQVKNLKGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKV  208
NTDB id 152 SP RS09870 WP 001036779.1              STSWTPPGWHQVKNLKGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKV  208
consensus                                          !!!!*!*!!!!!**!*!*!*!!!!!!!!!!!!!!*!!!*!!!!!!!!!*!*!*!!!!!!*!**!*!!!!!!!!**!

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NTDB id 1111686 HMPREF9319 RS03160 WP 003064105.1  RKALDQNKRVRYRVTLIYDGD.NLLASGTHLEAKSSDGSLEFNVFIPNVQSGLTFDYYSGQVSVN.  288
NTDB id 262 KZH43 RS08770 WP 001036779.1           RKALDQNKRVRYRVTLYYASNEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ  274
NTDB id 221 SPD RS09380 WP 001036779.1             RKALDQNKRVRYRVTLYYASNEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ  274
NTDB id 187 SPR RS08930 WP 001036779.1             RKALDQNKRVRYRVTLYYASNEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ  274
NTDB id 152 SP RS09870 WP 001036779.1              RKALDQNKRVRYRVTLYYASNEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ  274
consensus                                          !!!!!!!!!!!!!!!!!*!*****!**!****!!!!!!!*!!!!!**!!!!*!!**!!**!*!*!**
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X non conserved

X similar

X ≥50% conserved