

logo

NTDB id 1159715 OW033 RS05210 WP 000163020.1	MTKKKQKITASIVTLLFSLLAICLGESKSLPNDHILKQVTDLIISNESGKNISLKNVSGTPSRELSESVLTSNVKKQIGT	80
NTDB id 262 KZH43 RS08770 WP 001036779.1	MNKKTRQTLIGLLV..LLLLSTGSYYIKQMPSAP.....NSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKG	68
NTDB id 221 SPD RS09380 WP 001036779.1	MNKKTRQTLIGLLV..LLLLSTGSYYIKQMPSAP.....NSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKG	68
NTDB id 187 SPR RS08930 WP 001036779.1	MNKKTRQTLIGLLV..LLLLSTGSYYIKQMPSAP.....NSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKG	68
NTDB id 152 SP RS09870 WP 001036779.1	MNKKTRQTLIGLLV..LLLLSTGSYYIKQMPSAP.....NSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKG	68
consensus	!***** **!!!!*****!***** *****!*****!*****	

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NTDB id 1159715 OW033 RS05210 WP 000163020.1	NIAWNQSGAFINQNKTDLNAKVSSAPYALNEIKKVNQIVPTKANALLSKATRQYRNRKETGNGRITYWKPAGWHOINGL	160
NTDB id 262 KZH43 RS08770 WP 001036779.1	SLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTCTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL	148
NTDB id 221 SPD RS09380 WP 001036779.1	SLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTCTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL	148
NTDB id 187 SPR RS08930 WP 001036779.1	SLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTCTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL	148
NTDB id 152 SP RS09870 WP 001036779.1	SLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTCTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL	148
consensus	***!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!	

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NTDB id 1159715 OW033 RS05210 WP 000163020.1	KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIATQAAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLIYAS	240
NTDB id 262 KZH43 RS08770 WP 001036779.1	KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIATQAAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLIYAS	228
NTDB id 221 SPD RS09380 WP 001036779.1	KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIATQAAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLIYAS	228
NTDB id 187 SPR RS08930 WP 001036779.1	KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIATQAAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLIYAS	228
NTDB id 152 SP RS09870 WP 001036779.1	KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIATQAAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLIYAS	228
consensus	!!!!*!!!!!!!!*!!!!*!*!!!!!!!!!!!!!!!!!!!!!!!!*!*!!!!!!!!*****!!!!!!!!*!*!!!!!!!!*!*!!!!*!*!!!!	

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NTDB id 1159715 OW033 RS05210 WP 000163020.1	.DNLLSSGSHIEAKSSDGSLEFNVLVPNVQSGLLFDYATCKVKQTK	285
NTDB id 262 KZH43 RS08770 WP 001036779.1	NEDLVPSASQIEAKSSDGELEFNVLVPNVQSGLLFDYATCKVKQTK	274
NTDB id 221 SPD RS09380 WP 001036779.1	NEDLVPSASQIEAKSSDGELEFNVLVPNVQSGLLFDYATCKVKQTK	274
NTDB id 187 SPR RS08930 WP 001036779.1	NEDLVPSASQIEAKSSDGELEFNVLVPNVQSGLLFDYATCKVKQTK	274
NTDB id 152 SP RS09870 WP 001036779.1	NEDLVPSASQIEAKSSDGELEFNVLVPNVQSGLLFDYATCKVKQTK	274
consensus	***!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!	

- ☐ non conserved
- ☒ similar
- ☒ ≥ 50% conserved