

logo

NTDB id 144588 SAHN016 RS04635 WP 000163020.1	MTKKQKQITASIVTLLFSLAIGLGESKSLPNDHILKQVTDLIISNESGKNTSLINVTGTRELSISNKKLGT	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 144588 SAHN016 RS04635 WP 000163020.1	NIAWNQSGAFITNQKTDLNAKVSSAPYAINIENIKVNNQIVPTKANALLTKATRQYRNREETGNGRTYWKPAAGWHQINGL	160
NTDB id 262 KZH43 RS08770 WP 001036779.1	SLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL	148
NTDB id 221 SPD RS09380 WP 001036779.1	SLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL	148
NTDB id 187 SPR RS08930 WP 001036779.1	SLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL	148
NTDB id 152 SP RS09870 WP 001036779.1	SLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL	148
consensus	*****!***!***!***!***!***!***!***!***!***!***!***!***!***!***!***!***!***	

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NTDB id 144588 SAHN016 RS04635 WP 000163020.1	KGSYNHAVDRGHLLGYALIGGLDGFDASTSNPKNIATQAAWANQANSNSTGQNYEYTLVRKALDRHKTVRVRYRVTLYYAS	240
NTDB id 262 KZH43 RS08770 WP 001036779.1	KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYAS	228
NTDB id 221 SPD RS09380 WP 001036779.1	KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYAS	228
NTDB id 187 SPR RS08930 WP 001036779.1	KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYAS	228
NTDB id 152 SP RS09870 WP 001036779.1	KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYAS	228
consensus	!!!!*!!!!!!!!!!*!!!!*!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*	

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NTDB id 144588 SAHN016 RS04635 WP 000163020.1	.DNLLSSGSHIEAKSSDGSLEFNVLFPNVQSGLLFDYATGKVKQTK	285
NTDB id 262 KZH43 RS08770 WP 001036779.1	NEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ	274
NTDB id 221 SPD RS09380 WP 001036779.1	NEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ	274
NTDB id 187 SPR RS08930 WP 001036779.1	NEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ	274
NTDB id 152 SP RS09870 WP 001036779.1	NEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ	274
consensus	***!***!***!***!***!***!***!***!***!***!***!***!***!***!***!***!***!***	

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