

logo

NTDB id 1123629 EL254 RS04740 WP 000162649.1	MTKKKQITASIVTLLFSLLAICLGESKSLPNDHILKQVTDLIISNESGKNISLKNVSGTPSRELSESVLTSNVKKQIGT	80
NTDB id 262 KZH43 RS08770 WP 001036779.1	MNKKTRQTLIGLLV..LLLLSTGSYYIKQMPSAPN.....SPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKG	68
NTDB id 221 SPD RS09380 WP 001036779.1	MNKKTRQTLIGLLV..LLLLSTGSYYIKQMPSAPN.....SPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKG	68
NTDB id 187 SPR RS08930 WP 001036779.1	MNKKTRQTLIGLLV..LLLLSTGSYYIKQMPSAPN.....SPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKG	68
NTDB id 152 SP RS09870 WP 001036779.1	MNKKTRQTLIGLLV..LLLLSTGSYYIKQMPSAPN.....SPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKG	68
consensus	!***** **!!!!*****!***** *****!*****!*****!*****	

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NTDB id 1123629 EL254 RS04740 WP 000162649.1	NIAWNQSGAFIVNGNKTNLDAKVSSKPYADNKTCTVCKETVPTVANALLSKATROYKNRKETGNGSTSWTPPGWHQVKNL	160
NTDB id 262 KZH43 RS08770 WP 001036779.1	SLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTCTVCKETVPTVANALLSKATROYKNRKETGNGSTSWTPPGWHQVKNL	148
NTDB id 221 SPD RS09380 WP 001036779.1	SLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTCTVCKETVPTVANALLSKATROYKNRKETGNGSTSWTPPGWHQVKNL	148
NTDB id 187 SPR RS08930 WP 001036779.1	SLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTCTVCKETVPTVANALLSKATROYKNRKETGNGSTSWTPPGWHQVKNL	148
NTDB id 152 SP RS09870 WP 001036779.1	SLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTCTVCKETVPTVANALLSKATROYKNRKETGNGSTSWTPPGWHQVKNL	148
consensus	***!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****	

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NTDB id 1123629 EL254 RS04740 WP 000162649.1	KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIATQAAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYAS	240
NTDB id 262 KZH43 RS08770 WP 001036779.1	KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIATQAAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYAS	228
NTDB id 221 SPD RS09380 WP 001036779.1	KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIATQAAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYAS	228
NTDB id 187 SPR RS08930 WP 001036779.1	KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIATQAAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYAS	228
NTDB id 152 SP RS09870 WP 001036779.1	KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIATQAAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYAS	228
consensus	!!!!*!!!!!!!!*!!!!*!*!!!!!!!!!!!!!!!!!!!!*!*!!!!!!!!!!!!*!!!!!!!!*!*!!!!!!!!!!!!*!*	

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NTDB id 1123629 EL254 RS04740 WP 000162649.1	.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