

logo

NTDB id 601 KW2 RS02615 WP 021036805.1	MLCQNCNINEAT.....	12
NTDB id 378 SMU RS02690 WP 002263569.1	MLCQNCNINEAT.....	12
NTDB id 241 SP RS04015 WP 000882523.1	MLCQNCNINEAT.....	12
NTDB id 281 KZH43 RS03550 WP 000882517.1	MLCQNCNINEAT.....	12
NTDB id 245 SPD RS03860 WP 000882517.1	MLCQNCNINEAT.....	12
NTDB id 243 SPR RS03635 WP 000882517.1	MLCQNCNINEAT.....	12
NTDB id 983649 NST09 RS00585 WP 007496263.1	..MMFGRFTERAQKVLALAQEEAIRLGHKNIGTEHILLGLVREGEGIAAKALEALGLVSDKIQKEVESLIGRG.....	71
NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTERAQKVLALAQEEAIRLGHKNIGTEHILLGLVREGEGIAAKALQALGLGSEKIQKEVESLIGRG.....	71
NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYPTLDRILEKAEYAHQYQYGTIESAHLLAAMATTSGSIAYSLLAGMNVDSDDLIDL.....EDLSSH	72
NTDB id 290 KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNSYSVAGATLNDYPYEMDRLE.....EVALELTETDYS	70
NTDB id 289 SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNSYSVAGATLNDYPYEMDRLE.....EVALELTETDYS	70
NTDB id 287 SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNSYSVAGATLNDYPYEMDRLE.....EVALELTETDYS	70
NTDB id 377 SMU RS09275 WP 002262344.1	MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRFEDYQAAAILAIGKKPKSSS	76
NTDB id 297 STER RS00545 WP 011680614.1	MTIYSRKMQAIFHRAQLEAERFESPFLLETWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLS	76
NTDB id 329 STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLEAERFESPFLLETWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLS	76
consensus	*** * *	

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NTDB id 601 KW2 RS02615 WP 021036805.1	IHLYTSVNGQKQKIDLCQNCYQ...IMKSGGQEALEFGAGNASNGNSD.....EPFNP.FNDIFSALQGGQ	72
NTDB id 378 SMU RS02690 WP 002263569.1	IHLYANVNGQKQKIDLCQNCYQ...IMKTDPENGPLNHLSSQNSSS.....INPFFDFFFGDLNLF	70
NTDB id 241 SP RS04015 WP 000882523.1	IHLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNLRD.....FDP.FGDDFFNDLNNF	69
NTDB id 281 KZH43 RS03550 WP 000882517.1	IHLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNLRD.....FDP.FGDDFFNDLNNF	69
NTDB id 245 SPD RS03860 WP 000882517.1	IHLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNLRD.....FDP.FGDDFFNDLNNF	69
NTDB id 243 SPR RS03635 WP 000882517.1	IHLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNLRD.....FDP.FGDDFFNDLNNF	69
NTDB id 983649 NST09 RS00585 WP 007496263.1	QEVSAIIPHYTPRAKKVTELSMDEARKLGHSYVGTEHILLGLIREGEGVAARVLNNLGVSLNKAQQVLQL..L.....	143
NTDB id 85 BSU 00860 NP 387967.1	QEMSQTI.HYTPRAKKVTELSMDEARKLGHSYVGTEHILLGLIREGEGVAARVLNNLGVSLNKAQQVLQL..L.....	142
NTDB id 610 V4T04 RS10165 WP 012897346.1	VKVKRSTLRFSPRAEEVMTAASFIAIHNNSEAVGTEHLLYALLQVEDGFGQLLLKL.....QKINIVSLRKELEKR	143
NTDB id 290 KZH43 RS10025 WP 001109677.1	QDETFTTELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 289 SPD RS10700 WP 001109677.1	QDETFTTELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 287 SP RS11210 WP 001109712.1	QDETFTTELPFSRRLQVLFDEAEYVASVVHAKVLGTEHVLYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 377 SMU RS09275 WP 002262344.1	N..DIMLLEQSHALKRTLAEEAAISQVTHAKEVGTEHVLFAMLLNPNLLATRILELVGFHAKDDGESIRLLDLRKVIERY	154
NTDB id 297 STER RS00545 WP 011680614.1	ESDIIDLRAQSPALEAMLQEAQEIASVTGAVEVGSEHVLMAFLLHKDLMVCRLLEVAGFQYKDDSDKPRIIDLRRSLERN	156
NTDB id 329 STU RS10020 WP 011225298.1	ESDIIDLRAQSPALEAMLQEAQGIASVTGAVEVGSEHVLMAFLLHKDLMVCRLLEVAGFQYKDDSDKPRIIDLRRSLERN	156
consensus	* * * * *	

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NTDB id 601 KW2 RS02615 WP 021036805.1	.DFNGAASNQ....TP	PTQTG	RGPRGPQN	PRAKQPK	GM	LEEF	GIN	ITES	ARRGE	IDP	VIGR	DEE	IKRV	136			
NTDB id 378 SMU RS02690 WP 002263569.1	RAFN	NQDLPN....TP	PTQAG	GGNGNGGN.N.RR	PGGPQQQAS	QKPN	GLLEEF	GIN	LT	DI	ARKGE	IDP	VIGR	DEE	ITRV	143	
NTDB id 241 SP RS04015 WP 000882523.1	RPSS	N..TPP....IP	PTQSG	GGYGGNGGYGS	QNRGSAQT	PP	PSQEK	GLLEEF	GIN	VTEI	ARRGD	IDP	VIGR	RD	DEI	IRV	142
NTDB id 281 KZH43 RS03550 WP 000882517.1	RPSS	N..TPP....IP	PTQSG	GGYGGNGGYGS	QNRGSAQT	PP	PSQEK	GLLEEF	GIN	VTEI	ARRGD	IDP	VIGR	RD	DEI	IRV	142
NTDB id 245 SPD RS03860 WP 000882517.1	RPSS	N..TPP....IP	PTQSG	GGYGGNGGYGS	QNRGSAQT	PP	PSQEK	GLLEEF	GIN	VTEI	ARRGD	IDP	VIGR	RD	DEI	IRV	142
NTDB id 243 SPR RS03635 WP 000882517.1	RPSS	N..TPP....IP	PTQSG	GGYGGNGGYGS	QNRGSAQT	PP	PSQEK	GLLEEF	GIN	VTEI	ARRGD	IDP	VIGR	RD	DEI	IRV	142
NTDB id 983649 NST09 RS00585 WP 007496263.1	.GSN	ETGASA	AAGS	NSNANTPT	LD	SLAR	DLTA	IA	KEDS	LDP	VIGR	SK	EI	QVR	193		
NTDB id 85 BSU 00860 NP 387967.1	.GSN	ETGSSA	AAGT	NSNANTPT	LD	SLAR	DLTA	IA	KEDS	LDP	VIGR	SK	EI	QVR	192		
NTDB id 610 V4T04 RS10165 WP 012897346.1	TGLK	VPESK	KAVTPMSK	RKMAK	G	VAENST	PT	LD	SVSS	DLTE	EARL	GK	LD	PMIG	REAE	IDRL	205
NTDB id 290 KZH43 RS10025 WP 001109677.1	AGW	TREDLKA.LRQR	HRTV.ADK	QNSMAN	MMGMP	QTP	SGG	LEDY	THDLTE	QARS	GKLE	EP	VIGR	DK	EISRM	218	
NTDB id 289 SPD RS10700 WP 001109677.1	AGW	TREDLKA.LRQR	HRTV.ADK	QNSMAN	MMGMP	QTP	SGG	LEDY	THDLTE	QARS	GKLE	EP	VIGR	DK	EISRM	218	
NTDB id 287 SP RS11210 WP 001109712.1	AGW	TREDLKA.LRQR	HRTV.ADK	QNSMAN	MMGMP	QTP	SGG	LEDY	THDLTE	QARS	GKLE	EP	VIGR	DK	EISRM	218	
NTDB id 377 SMU RS09275 WP 002262344.1	AGF	SKEDIKA.IFEM	RKPKKVKN	SSSFS	DLMKPP.SV	TGELAD	FTR	DLTE	LAR	QGRLE	EP	VIGR	EQ	EISRM	222		
NTDB id 297 STER RS00545 WP 011680614.1	AGL	SKQDLKA.IHDL	RKPKKSKA	SANFAN	MMQPPQ	SSSTGELAD	YTK	DLTA	LAE	SGN	LDP	VIGR	DEE	EISRM	225		
NTDB id 329 STU RS10020 WP 011225298.1	AGL	SKQDLKA.IHDL	RKPKKSKA	SANFAN	MMQPPQ	SSSTGELAD	YTK	DLTA	LAE	SGN	LDP	VIGR	DEE	EISRM	225		
consensus	*	*		*	*		**	**	!***	**!	****	*	**!	****	!!	!*	

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NTDB id 601 KW2 RS02615 WP 021036805.1	IEILNRRTKNNPVL	IGEPGVGKTA	VEGLAQKIV	DGDVPQKLQNK	EVIRLDVVS	LVQGTGIRGQ	FEERM	QKLMDEIRKRN	216
NTDB id 378 SMU RS02690 WP 002263569.1	IEILNRRTKNNPVL	IGEPGVGKTA	VEGLAQKIV	DGDVPQKLHGKN	VI	RLDVVSLVQGTGIRGQ	FEERM	QKLMDEIRQRQ	223
NTDB id 241 SP RS04015 WP 000882523.1	IEILNRRTKNNPVL	IGEPGVGKTA	VEGLAQKIV	DGDVPHKLQGGK	QVIRLDVVS	LVQGTGIRGQ	FEERM	QKLMDEIRKRE	222
NTDB id 281 KZH43 RS03550 WP 000882517.1	IEILNRRTKNNPVL	IGEPGVGKTA	VEGLAQKIV	DGDVPHKLQGGK	QVIRLDVVS	LVQGTGIRGQ	FEERM	QKLMDEIRKRE	222
NTDB id 245 SPD RS03860 WP 000882517.1	IEILNRRTKNNPVL	IGEPGVGKTA	VEGLAQKIV	DGDVPHKLQGGK	QVIRLDVVS	LVQGTGIRGQ	FEERM	QKLMDEIRKRE	222
NTDB id 243 SPR RS03635 WP 000882517.1	IEILNRRTKNNPVL	IGEPGVGKTA	VEGLAQKIV	DGDVPHKLQGGK	QVIRLDVVS	LVQGTGIRGQ	FEERM	QKLMDEIRKRE	222
NTDB id 983649 NST09 RS00585 WP 007496263.1	IEVLSRRTKNNPVL	IGEPGVGKTA	IEGLAQ	QIIHN	EVPEILRDKRVMTLDMGT	VVAGTKYRGEFEDRLKKVMDEIRQAG			273
NTDB id 85 BSU 00860 NP 387967.1	IEVLSRRTKNNPVL	IGEPGVGKTA	IEGLAQ	QIIHN	EVPEILRDKRVMTLDMGT	VVAGTKYRGEFEDRLKKVMDEIRQAG			272
NTDB id 610 V4T04 RS10165 WP 012897346.1	IHILSRRTKNNPVL	VGEPGVGKSA	IEGLAQ	RIVNGQVPIGLMNSRIMALN	MATVVAGTKFRGEFEDRLTAIVEEVSSDP				285
NTDB id 290 KZH43 RS10025 WP 001109677.1	IQILSRKTKNNPVL	VGDAGVGKTAL	ALGLAQRIAS	GDVPAEMAKMRVLEL	DLNMNVVAGTRFRGDFEERM	NIIKDIEEDG			298
NTDB id 289 SPD RS10700 WP 001109677.1	IQILSRKTKNNPVL	VGDAGVGKTAL	ALGLAQRIAS	GDVPAEMAKMRVLEL	DLNMNVVAGTRFRGDFEERM	NIIKDIEEDG			298
NTDB id 287 SP RS11210 WP 001109712.1	IQILSRKTKNNPVL	VGDAGVGKTAL	ALGLAQRIAS	GDVPAEMAKMRVLEL	DLNMNVVAGTRFRGDFEERM	NIIKDIEEDG			298
NTDB id 377 SMU RS09275 WP 002262344.1	VQILSRKTKNNPVL	VGDAGVGKTAL	AYGLAQRI	VDS	AVPFELADMKVLELDMMS	VVAGTRFRGDFEERM	NQIIADIEADG		302
NTDB id 297 STER RS00545 WP 011680614.1	IQVLSRKTKNNPVL	VGEAGVGKTAL	ALGLAQRIAS	GEVPFELADM	RILELDMMS	VVAGTRFRGDFEERM	NQIIADIEADG		305
NTDB id 329 STU RS10020 WP 011225298.1	IQVLSRKTKNNPVL	VGEAGVGKTAL	ALGLAQRIAS	GEVPFELADM	RILELDMMS	VVAGTRFRGDFEERM	NQIIADIEADG		305
consensus	*	*****	*****	*****	*****	*****	*****	*****	

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NTDB id 377 SMU RS09275 WP 002262344.1
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consensus

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NTDB id 329 STU RS10020 WP 011225298.1
consensus

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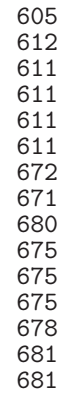
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NTDB id 329 STU RS10020 WP 011225298.1
consensus

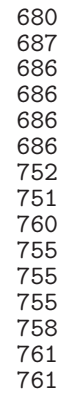
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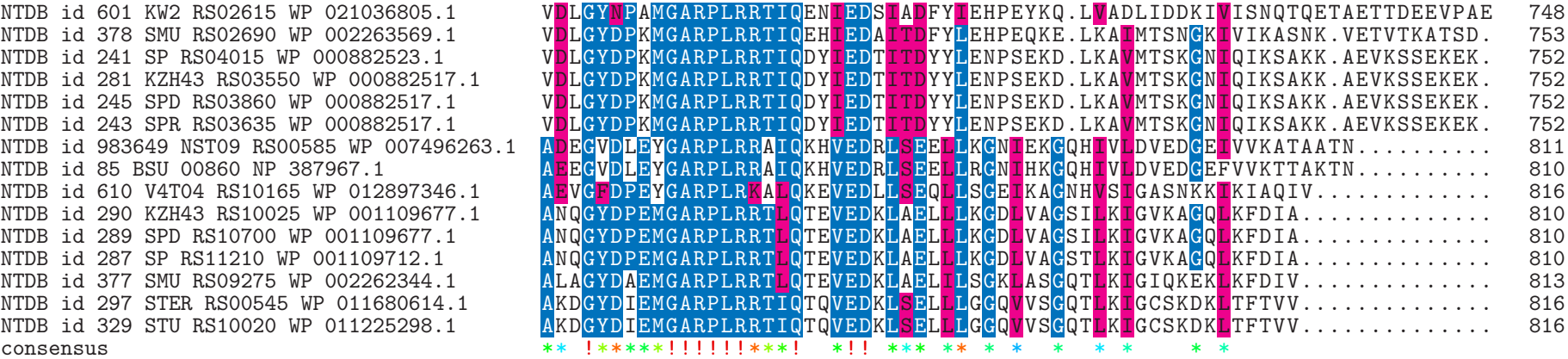
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NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus

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non conserved
 similar
 ≥ 50% conserved