

NTDB id 85	BSU 00860 NP 387967.1	..MMFGRFTERAQKVLALAQEEALRLGHNNIGTEHILLGLVREGEGIAAKALQALGLGSEKIQKEVES..LIGRGQ...	72
NTDB id 610	V4T04 RS10165 WP 012897346.1	MKFENIKYIPTLDRILEKAEYAHQVQYGTIESAHLLAAMATTSGSIAYSLLAGMNVDSDDLIDLED.....L.SSH	72
NTDB id 377	SMU RS09275 WP 002262344.1	MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEDVRFEDYQAAATLAIQKPKKSS	76
NTDB id 329	STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLAEARFESPFLTWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDL	76
NTDB id 297	STER RS00545 WP 011680614.1	MTIYSRKMQAIFHRAQLAEARFESPFLTWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDL	76
NTDB id 211734	BVD85 RS09325 WP 012027858.1	MKISRGLQGVYEDAQLIAQRYSSDYLETWHLLAFVINPDTVAGAILAEYPADVL..DYERAVYVMVGRRYHE..	71
NTDB id 287	SP RS11210 WP 001109712.1	MNYSKALNECTESAYMVAGHFGARYLESWHLLIAMSNSHSYSVAGATLNDYPYEMD..RLEEVALELTETDYS...	70
NTDB id 290	KZH43 RS10025 WP 001109677.1	MNYSKALNECTESAYMVAGHFGARYLESWHLLIAMSNSHSYSVAGATLNDYPYEMD..RLEEVALELTETDYS...	70
NTDB id 289	SPD RS10700 WP 001109677.1	MNYSKALNECTESAYMVAGHFGARYLESWHLLIAMSNSHSYSVAGATLNDYPYEMD..RLEEVALELTETDYS...	70
consensus		* * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * *	

NTDB id 85	BSU 00860 NP 387967.1	..EMSQTTHYTPRAKKVIELSMDEARKLGHSYVGTEHILLGLIREGEGVAARVLNNLGVSLNKARQQVLQLL.....	142
NTDB id 610	V4T04 RS10165 WP 012897346.1	VKVKRSTLRFSPPRAEEVMTAASF LAIHNNSEAVGTEHLLYALLQVEDCFGLQLLKL.....QKINIVSLRKELEKR	143
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NTDB id 211734	BVD85 RS09325 WP 012027858.1	ELESFFFFLPSKRVKELQVFAEKIAEIVKSKGLGTEHIFMGMLLDKRSTASQILDQVGFHFEDSDDKVRFDLRLKNLEAK	151
NTDB id 287	SP RS11210 WP 001109712.1	QDETFTFELPSRRLQVLFDEAEYVASVVHAKVVLGTEHVLYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 290	KZH43 RS10025 WP 001109677.1	QDETFTFELPSRRLQVLFDEAEYVASVVHAKVVLGTEHVLYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 289	SPD RS10700 WP 001109677.1	QDETFTFELPSRRLQVLFDEAEYVASVVHAKVVLGTEHVLYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
consensus		* * * * *	

NTDB id 85	BSU 00860 NP 387967.1	.GSNE.....TGSS.....AAGTNSNANTPTLDSLARDLTAAIKEDSLDPVIGRSKEIQRVTEVLSRRTKN	202
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NTDB id 377	SMU RS09275 WP 002262344.1	ACFSKEDLKAIIFEMRKPKKVKNSSFSDLMKP.SVTGELADFTRDTELARQGRLEPVIGREQEISRMVQILSRKTKN	232
NTDB id 329	STU RS10020 WP 011225298.1	ACL SKQD LKAITHDLRKPKKSASANFANMMQPQSSTGELADYTKDLTALAESGNLPITIGRDEEISRMIVLSRKTKN	235
NTDB id 297	STER RS00545 WP 011680614.1	ACL SKQD LKAITHDLRKPKKSASANFANMMQPQSSTGELADYTKDLTALAESGNLPDVIGRDEEISRMIVLSRKTKN	235
NTDB id 211734	BVD85 RS09325 WP 012027858.1	ACGTKEHLKAIRTMTKGGKPK.QATVCNMGMGMTQSQSGGLEDYTRDLTALARSQGPLEPVIGRDEEISRMQLQILSRKTKN	229
NTDB id 287	SP RS11210 WP 001109712.1	ACWTREDLK.ALRQRHRTVADK.QNSMANMMGMPQTTPSGGLEDYTHDLTEQARSGLPELVIGRDK EISRMIVLSRKTKN	228
NTDB id 290	KZH43 RS10025 WP 001109677.1	ACWTREDLK.ALRQRHRTVADK.QNSMANMMGMPQTTPSGGLEDYTHDLTEQARSGLPELVIGRDK EISRMIVLSRKTKN	228
NTDB id 289	SPD RS10700 WP 001109677.1	ACWTREDLK.ALRQRHRTVADK.QNSMANMMGMPQTTPSGGLEDYTHDLTEQARSGLPELVIGRDK EISRMIVLSRKTKN	228
consensus		*!***** * * * * !***** ** *	

[illegible]

logo

NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
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NTDB id 289 SPD RS10700 WP 001109677.1
consensus



361
375
392
395
395
389
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logo

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consensus



441
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logo

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consensus



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logo

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consensus

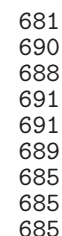


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608
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605

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consensus

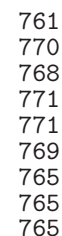
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consensus

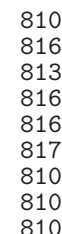
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NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
consensus

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-  non conserved
-  similar
-  > 50% conserved