

Table S6. Oligonucleotides used for expression vector construction, yeast two-hybrid (Y2H) vector construction and RT-PCR

Name	Forward (5'-3') ^a	Reverse (5'-3')
Oligonucleotides used for expression vector construction		
Toxins and toxin-antitoxin modules under control of P _{myc1} <i>tetO</i> in pSE100		
Rv0549c	TAATGGATCCGGAAGGAATCGAAGCGTGAGAGCATC	CGCACTGCAGTGTGCTCGGCAATG
Rv0550c-Rv0549c	ATCTGGATCCGGAGGAAGGCCTTGTTGAGCCG	CGCACTGCAGTGTGCTCGGCAATG
Rv0595c	ATGTGGATCCAGGAAGGACGATGTGCGGTGGTG	TACTCTGCAGCCGGCGCGATCAGGTA
Rv0596c-Rv0595c	CTAAGGATCCGGAGGAACCTCGTAGCATGTCTGCT	TACTCTGCAGCCGGCGCGATCAGGTA
Rv0627	TAGTCTGCAGGAAGGATCCGGTGAGCACGACG	TACTAAGCTTCGTCGACTGAGGCCGC
Rv1953	TACTGGATCCGGAAGGACGCAACTGTGACCTACGT	GAATCTGCAGTGTACAGTCGCAACCTG
Rv2010	TACTGGATCCGGAAGAGTCGTAGATGATCGTC	TGCACTGCAGATGTGAGACACGAAATC
Rv2546	ACTGGGATCCGGAAGGTGATGGTGTCTGCGTC	TGATAAGCTTGGGTACCTGAGTCCGCATG
Rv2546_FLAG	ACTGGGATCCGGAAGGTGATGGTGTCTGCGTC	GGGGAAGCTTCTACTTGTTCATCGTCATCCTTG TAATCTATATCGTGATCTTTATAATCACCGTCA TGGTCTTTGTAGTCAAGGGTCCCGCGCGGCAC
Rv2548	ACTGGGATCCGGAAGGTCTGGCGTGAAGCTGAT	CGCGAAGCTTGCTGATGCCCCAGGGAGT
Rv2549c	TGATGGATCCGGAAGCACGAATGATCTTC	TGTAAAGCTTCAACGCAACGCAGCCCTGT
Rv2549c_FLAG	TGATGGATCCGGAAGCACGAATGATCTTC	GGGGAAGCTTCTACTTGTTCATCGTCATCCTTGTA ATCTATATCGTGATCTTTATAATCACCGTCATGG TCTTTGTAGTCCCTCGGGTCTTACCTCGAC
Rv2550c-Rv2549c	CGTAGGATCCGGAGGAACAGCATTATGCTAGTGG	TGTAAAGCTTCAACGCAACGCAGCCCTGT
Rv2829c	GGGCGGATCCGGAAGGAACGTTTCATGACGACGGTG	GCGGCTGCAGTTCGGTGATGTTGCGGC

Rv2830c-Rv2829c	CTGAGGATCCAGAAGAAAAATGACCGCTACGGA	GCGGCTGCAGTTCGGTGATGTTGCGGC
Rv3320c	ATAGGATCCAGGAAGGAGGCCGTGTGATCGA	TCCTCTGCAGCCGGGTCTACAGCGTT
MSMEG_1284	TTCTAAGCTTGGAAGGTCCTGATGGTTATCGAC	CGATGGATCCTGACCTGAATTCTGACCT
Antitoxins under control of P _{ami} in Pmap		
Rv2550c	CGTAGAATTCGGAGGAACAGCATTATGCTAGTGG	GCCCATCGATTAAAGTGCAGCCCAGAA
Rv0596c	TAGTGAATTCGTGAGGAATCGTAGCATGTCTGCTA	TCACATCGATTCATACGTTACCACCGCACA
Rv2830c	TACTGAATTCGTGAGGAAAGAAAAATGACCGCTACG	TGCAATCGATACTATGTCATGAAACGTTCCACG
Toxin-antitoxin modules under control of T7 in pYUB28b		
Rv0065A-5	GTTACCATGGCTACCATTCAAGTTCGGGA	GCAAGCTTCCGAACGAGTTTGATTTTCG
Rv0616A-5	TAATCCATGGTGCGCACTACCATCGA	TAAAGCTTGGTGGTCGTTGGAATGAG
Oligonucleotides used for Y2H vector construction		
Rv0595c	TGACATATGAACGTACGGCGCGCC	TGAGAATTCTCAGATCGTTATGACCTC
Rv0596c	TAACATATGTCTGCTACGATACCC	TGAGAATTCTCACCACCGCACATCGTC
Rv2549c	TAACATATGATCTTCGTCGACACG	TGAGAATTCTCTACTCGGGTCTTACCTC
Rv2550c	GGCCATATGCTAGTGGCGTATATT	GGCGAATTCTCATTCTGTGCTTTCCGTA
Rv2830c	TAACATATGACCGCTACGGAGGTG	TGAGAATTCTCATGAAACGTTCCACGA
Oligonucleotides used for RT-PCR		
Rv0549c	TGCCATGGTGGATCTACTGGCTCGC	AACACCTCTGCATCGAAGTGCGCCG
Rv0595c	AACCACTAGGCATCGACGAGGCGG	CGTTGATCGGCACGCGCAGTTTGG
Rv0627	GGTGTTTCATCGCGACCGAAAGCGG	GATTCCAGGGTCGCCAGGCGTTGA
Rv2010	ACGTCAGAGTCGTTGGCCAGTCGC	GCTCCATCATCACCACCTCGGGCA

Rv2546	TATACCAGTCGGTGCCGAAA	ACACGATGGTGCCTGAAAGT
Rv2549c	TCTTCCAGGTCGGCTGTTAC	GATGACCTCCAACCATGTCC
Rv2829c	CTCGACTCGCATGTGGCCTA	AGCCAGCTCGAACCACGAA
<i>M. smegmatis sigA</i>	GGGCGTGATGTCCATCTCCT	GTATCCCGGTGCACATGGTC

a. Restriction sites used for cloning are underlined

b. Italicized sequence represents the 3× FLAG tag (Asp Tyr Lys Asp His Asp Gly Asp Tyr Lys Asp His Asp Ile Asp Tyr Lys Asp Asp Asp Asp Lys)