Table S5. Oligonucleotides used to create knockout vectors for allelic exchange mutagenesis

Gene(s)	Internal deletion size (bp)	Knockout vector	Oligonucleotide pairs used for vector construction	
			Sequence (5'-3')[a]	**Region amplified**
M. tuberculosis				
Rv0595c	325	p2Δ0595cKO	GCAGAAGCTTACGAAAAGATCGGCGTC GGCTAGATCTGTACGTTCACCACCGCAC	1990 bp amplicon containing 10 bp of the 5' end of Rv0595c and 1980 bp of upstream sequence
			GAGCAGATCTGACCCAAGACAACGACTA GTATGCGGCCGCCTAACCTTCACCAGAC	2027 bp amplicon containing 58 bp of the 3' end of Rv0595c and 1969 bp of downstream sequence
Rv2545-Rv2550c	2415	p2Δ2545_50cKO	TGATAAGCTTGATGACGATCTCGCGCAG TAATAGATCTGAGATATATGCATTGGA	2052 bp amplicon containing 131 bp of the 5' end of Rv2545 and 1921 bp of upstream sequence
			ATGTAGATCTGCAGCCTTTTCACA TTATGGTACCAGGGACTATCAG	1776 bp amplicon containing 42 bp of the 3' end of Rv2550c and 1734 bp of downstream sequence
M. smegmatis				
MSMEG_1283-MSMEG_1284	378	p2ΔSM1283_84KO	TGATAAGCTTGCTCATACGGCCAGGC TAATAGATCTCTGGCCAGCCGGTCGG	965 bp amplicon containing 23 bp of the 5' end of MSMEG1283 and 932 bp of upstream sequence
			CGCCGAGATCTGTGGTTGCATCGC TGATGGTACCGAGCAGTGGCTACTGG	1099 bp amplicon containing 219 bp of the 3' end of MSMEG1284 and 880 bp of downstream sequence

a. Restriction sites used for cloning are underlined