Supplementary Information II

Table 1: List of primers used for PCR

Gene	Primer name	Primer sequence	R.E. site
GBS80 Δ1467	80-1	TCAGGATCCGCAACAATCTGTTCTGAC	*Bam HI*
	80-2	CCCCCGGGGGGCGTTCTTGTGACACTTCTGC	*XmaI*
	80-3	CCCCCGGGGGGCTATCGGTGCTGCGGTG	*XmaI*
	80-4	CGGGATCCAAATGCCAAAACAAGGAAACCCGC	*Bam HI*
	d80-F	AATGGTGGCGGGGTCAAC	
	d80-R	TCTTTAGGGGCAATCTCCAACTG	
SAN1518 Δ840	San-1	CGCGGATCCGATATATCAGTATTAGTGATTTCTACGGGAG	*Bam HI*
	San-2	CGGGGATCCTCATCCATATGCGTTACGCGG	*BamHI*
GBS67 Δ2538	67-1	CGGGGATCCAAGCAGTTGCACAAGATAGTCC	*Bam HI*
	67-2	CCCCCGGGGGGGTGGAGCTATGATGTCTATTG	*XmaI*
	67-3	CCCCCGGGGGAACATTGTTATTAAGCGGTATTTG	*XmaI*
	67-4	CGCGGATCCTGGTGTCAATCCAGACACGG	*Bam HI*
	d67-F	AAAGGGGTGAGTAAGGGACAAC	
	D67-R	TAATACACCGCAGCACCACTC	

Table 2: Plasmids used for development of isogenic mutants

Plasmid	Description	Reference
pJRS233	Thermosensitive and erythromycin resistance	Perez-Casal et al, 1993
pJRS233Δ*gbs80*	pJRS233 containing in-frame deleted *gbs80* gene of *S.agalactiae*	This study
pJRS233Δ*san1518*	pJRS233 containing in-frame deleted *san1518* gene of *S.agalactiae*	This study
pJRS233Δ*gbs67*	pJRS233 containing in-frame deleted *gbs67* gene of *S.agalactiae*	This study

Reference:

Perez-Casal J, Price JA, Maguin E and Scott JR (1993) An M protein with a single C repeat prevents phagocytosis of *Streptococcus pyogenes*: use of a temperature-sensitive shuttle vector to deliver homologous sequence to the chromosome of *S. pyogenes*. *Mol Microbiol*, **8**, 809–819.