

Supplemental Material to:

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**Development of an integration mutagenesis system in
Lactobacillus gasseri**

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1 Supplemental Material

2 Table S1. Primers used in this study.

Primer Name	Sequence	Use	Source
M13f	TGAAAACGACGGCCAGT	General cloning	
M13r	TCACACAGGAAACAGCTATGAC	General cloning	
pORI28f	TTGGTTGATAATGAACTGTGCTG	General cloning	15
pORI28r	TTGTTGTTTTTATGATTACAAAGTGA	General cloning	15
repAf	TTGGGCGTATCTATGGCTGT	Integration screen	15
repAr	CTGATAATTGCCCTCAAACCA	Integration screen	15
Erm323	CAAACGCTCATTGGCATT	Integration screen	15
Erm615	TTCCTGAGCCGATTTCAAAG	Integration screen	15
1245-SOE-1	CAGCAGGGATCCGATTTATCAGTAGAA ACGCCTACTG	Create <i>upp</i> deletion construct	This study
1245-SOE-2	AACGGTAAACTTACCCATAATGG	Create <i>upp</i> deletion construct	This study
1245-SOE-3	CCATTATGGGTAAGTTTACCGTTGATGC AGGAGATAGATTGTTCG	Create <i>upp</i> deletion construct	This study
1245-SOE-4	CAGCAGGAGCTCGTAAAAATCCAACCTG GTTTTGCAT	Create <i>upp</i> deletion construct	This study
1245-up	TGTTAATGAAGTACCAGAGCGA	Integration screen	This study
1245-dwn	GTTGTCTTGCGATACCTTCAAT	Integration screen	This study
1245-seqf	ACGCCTACTGTTCTTCGT	Sequencing	This study
1245seqr	GTGATTTGACAAGGATATGGTCAT	Sequencing	This study
1586-SOE-1	CTGCTGGGATCCGGACGCCTAAAAGCA TCATAT	Create <i>ltaS</i> deletion construct	This study
1586-SOE-2	TCGCATTACTTTGAGCTGTTT	Create <i>ltaS</i> deletion construct	This study
1586-SOE-3	AAACAGCTCAAAGTAATGCGACTCTAA TCATGCTTTATGGTGATC	Create <i>ltaS</i> deletion construct	This study

1586-SOE-4	CAGCAGGAGCTCCAATTCTGGAGCATCC GTT	Create <i>ltaS</i> deletion construct	This study
1586-up	CTGTGAAGCCGCAATTATTT	Integration screen	This study
1586-dwn	CATTGTGGAAGATTCCTAC	Integration screen	This study

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