

Materials List for:

A Fluorescence-based Method to Study Bacterial Gene Regulation in Infected Tissues

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Materials

Name	Company	Catalog Number	Comments
5% sheep blood	Hardy Diagnostics (Santa Maria, CA)	A10	
5-bromo-4-chloro-3-indolyl- β -D-galactopyranoside (X-Gal)	ThermoScientific	R0402	
Ampicillin	Fisher Scientific	BP1760-25	
C57Bl/6 Mice	Charles River	NA	
Chloramphenicol	Sigma-Aldrich	C-0378	
confocal laser scanning microscope	Zeiss	NA	
cryostat microtome	Thermo Scientific	NA	
Culture, Cap	VWR International	2005-02512	
D+2:25NA Oligo	Integrated DNA Technologies (Coralville, Iowa)	NA	
DNA Ligase	New England Biolabs	M0202S	
Erythromycin	Sigma-Aldrich	E5389	
Flow Analyzer	Becton Dickinson	NA	
glass beads	Sigma	Z273627	
Miniprep, plasmid	Promega	A1220	
orbital shaking water bath	New Brunswick Innova	NA	
PCR purification	QIAGEN	28106	
Phosphate Buffer Saline (PBS)	Cellgrow	46-013-CM	
Plate reader	Tecan	NA	
Precellys 24 homogenizer	Bertin Laboratories	NA	
pUC57-Kan	GenScript (Piscataway, NJ)	NA	
Q5 Taq DNA Polymerase	New England Biolabs (Ipswich, MA)	M0491S	
Restriction Enzymes	New England Biolabs (Ipswich, MA)	R0150S (PvuI), R3136S (BamHI), R0144S (BglII), R3131S (NheI), R0101S (EcoRI), R0141S (SmaI).	
Reverse transcriptase	New England BioLabs	E6300L	
Sanger Sequencing	Genewiz (Germantown, MD)	NA	
Sub Xero clear tissue freezing medium	Mercedes Medical	MER5000	
Superfrost Plus microscope slides	Fisher Scientific	12-550-15	
superloop	GE Lifesciences	18111382	
Syringe, Filter	VWR International	28145-481	

Syto 40	Thermo Fisher Scientific	S11351	Membrane permeant nucleic acid stain
Tetracycline	Sigma-Aldrich	T7660	
Tryptic Soy Broth	VWR	90000-376	
UV-visible spectrophotometer	Beckman Coulter-DU350	NA	
Vectashield Antifade Mounting medium with DAPI	Vector Laboratories	H-1500	