

Materials List for:

High-throughput Parallel Sequencing to Measure Fitness of *Leptospira interrogans* Transposon Insertion Mutants During Golden Syrian Hamster Infection

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Materials

Name	Company	Catalog Number	Comments
Kanamycin sulfate from <i>Streptomyces kanamyceticus</i>	Sigma-Aldrich	K4000	
2,6-diaminopimelic acid	Sigma-Aldrich	D1377	
Spectinomycin dihydrochloride pentahydrate	Sigma-Aldrich	S4014	
Axio Lab A1 microscope with a darkfieldcondenser	Zeiss	490950-001-000	
DNeasy blood and tissue kit	Qiagen	69504/69506	
MinElute PCR Purification	Qiagen	28004/28006	
QIAquick PCR purification kit	Qiagen	28104/28106	
Model 505 Sonic Dismembrator	Fisher Scientific	FB-505	
2.5" Cup horn	Fisher Scientific	FB-4625	
Bead Ruptor 24	Omni International	19-010	Step 3.1.2.4
Terminal deoxynucleotidyl transferase	Promega	M828C	
Master mix Phusion	Thermo Scientific	F531	Preparation of genomic libraries, step 3.4.
DreamTaq Master Mix	Thermo Scientific	K9011/K9012	Identification of the transposon insertion site, step 1.2.
dCTP	Thermo Scientific	R0151	
ddCTP	Affymetrix/ USBProducts	77112	
T100 Thermal cycler	BioRad	1861096	
Qubit 2.0 fluorometer	Invitrogen	Q32866	step 3.6.
Qubit dsDNA HS assay kit	Invitrogen	Q32851/Q32854	step 3.6.
Qubit assay tubes	life technologies	Q32856	step 3.6.
PBS pH 7.2 (1X)	Gibco	20012-027 20012-050	
Disposable scalpel No10	Feather	2975#10	
Plastic K ₂ EDTA 2 ml tubes	BD vacutainer	367841	
syringe U-100 with 26G x ½" needle	BD vacutainer	329652	IP challenge, step 2.2.1.
3 mL Luer-Lok tip syringe	BD vacutainer	309657	Cardiac puncture, step 2.4.2.
25G X 5/8" needle	BD vacutainer	305901	Cardiac puncture, step 2.4.2.

25 mm fritted glass base with stopper	EMD Millipore	XX1002502	Filtration unit system, step 1.1.7.
25 mm aluminum spring clamp	EMD Millipore	XX1002503	Filtration unit system, step 1.1.7.
15 ml borosilcate glass funnel	EMD Millipore	XX1002514	Filtration unit system, step 1.1.7.
125 ml side-arm Erlenmeyer flask	EMD Millipore	XX1002505	Filtration unit system, step 1.1.7.
Acetate-cellulose filter VVPP (pore size 0.1 mm; diameter 25 mm)	EMD Millipore	VVLP02500	