

Materials List for:

Quantification of Plasmid-Mediated Antibiotic Resistance in an Experimental Evolution Approach

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Materials

Name	Company	Catalog Number	Comments
96-deep-well plates	Starlab		
96-deep-well plates	Roth	EN07.1	2 ml, square
96-deep-well plates (cryo)	Starlab	E1702-8400	Micro-Dilution Tube System
Colony counter	Stuart	SC6+	
Cotton velvet	drapery shop		100 % cotton required
Electrophoresis chamber	BioRad		Agarose gel electrophoresis
Electrophoresis power supply	BioRad	1645070	Agarose gel electrophoresis
Electroporation cuvettes	BioRad	1652089	0.1 cm
Electroporator	BioRad	1652660	
GeneJet Gel Extraction kit	Thermo Fisher Scientific	K0832	PCR fragment clean-up
GeneJet Plasmid Miniprep kit	Thermo Fisher Scientific	K0503	Plasmid extraction kit
Gibson Assembly	New England Biolabs	E2611S	
Incubator	Thermo Fisher Scientific	50125852	
Incubator (plate shaker)	Heidolph	1000	
Incubator (shaker)	New Brunswick Scientific	Innova 44	
Inoculating loops	Sigma-Aldrich		
Multi-channel pipettes	Eppendorf	3125000052, 3125000028	
Multi-channel pipettes	Capp	ME8-1250R	
NanoDrop 2000/2000c	Thermo Fisher Scientific	ND2000	
Oligonucleotides	Eurofines		
Petri dishes	Sigma-Aldrich		
Phusion Polymerase	Thermo Fisher Scientific	F533S	
Pipettes	Eppendorf	3123000012, 3123000098, 3123000055, 3123000063,	
PlasmidSafe enzyme	Epicentre	10059400	
Reaction tubes	Eppendorf	30125150	
Replica block & metal ring	VWR	601-3401	PVC cylinder 69 mm; ring 102cm
Restriction enzymes	New England Biolabs		
Thermocycler	BioRad	T100	