

Materials List for:

# Identification of Novel Genes Associated with Alginate Production in *Pseudomonas aeruginosa* Using Mini-*himar1* Mariner Transposon-mediated Mutagenesis

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URL: <https://www.jove.com/video/51346>

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## Materials

Name	Company	Catalog Number	Comments
Luria Broth	Difco	240230	via Fisher Scientific
<i>Pseudomonas</i> isolation agar	Difco	292710	via Fisher Scientific
Small Plates (100 O.D. x 10 mm)	Fisher Scientific	08-757-13	
Large Plates (150 O.D. x 15 mm)	Fisher Scientific	08-757-14	
Glycerol	Fisher Scientific	BP229-4	
Benchtop Shaking Incubator	New Brunswick Scientific	Innova 4080	shake at 200 rpm
Cabinet Incubator	VWR	1540	
Benchtop Microcentrifuge	Sorvall	75-003-287	via Fisher Scientific
SmartSpec Plus Spectrophotometer	Bio-Rad	170-2525	or preferred method/vendor
Diposable Inoculation Loops	Fisher Scientific	22-363-597	
1.5 ml Microcentrifuge Tubes	Fisher Scientific	05-408-129	
2.0 ml Cryogenic Vials	Corning	430659	via Fisher Scientific
15 ml Tubes	Fisher Scientific	05-539-12	
Skim Milk	Difco	DF0032-17-3	via Fisher Scientific
DNeasy Blood and Tissue (250)	Qiagen	69506	or preferred method/vendor
QIAquick PCR Purification Kit (250)	Qiagen	28106	or preferred method/vendor
QIAprep Spin Miniprep Kit (250)	Qiagen	27106	or preferred method/vendor
FastLink II DNA Ligation Kit	Epicentre Technologies	LK6201H	via Fisher Scientific
Accu block Digital Dry Bath	Labnet	NC0205808	via Fisher Scientific
Sal1, restriction endonuclease	New England BioLabs	R0138L	
EasyStart Micro 50	Molecular BioProducts	6020	via Fisher Scientific
Taq DNA Polymerase	New England BioLabs	M0267L	
iCycler, Thermocycler	Bio-Rad	170-8740	
LE agarose	Genemate	3120-500	via Fisher Scientific
Gentamycin Sulfate	Fisher Scientific	BP918-1	
2.0 ml Cryogenic Vials	Corning	430659	via Fisher Scientific