

Materials List for:

# Plant-Microbe Interaction: Transcriptional Response of *Bacillus Mycoides* to Potato Root Exudates

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## Materials

Name	Company	Catalog Number	Comments
sodium hypochlorite	Sigma	CAS: 7681-52-9	10-15% active chlorine
Luria-Bertani (LB) broth			
incubater	New Brunswick Scientific	Innova 4000	
spectrophotometer	Thermo Fisher Scientific	Genesys 20	
liquid nitrogen			
glass beads	Sigma	G8893	0.5 µm
2.0 ml tube with screw cap			RNase free
1.5 ml and 2.0 ml eppendorf tube			RNase free
Bead mill homogenizer	BioSpec	607	Mini_beadbeater
centrifuge	Eppendorf	5430	
Diethyl pyrocarbonate (DEPC)	sigma	CAS: 1609-47-8	
Sodium Dodecyl Sulfate (SDS)	sigma	CAS: 151-21-3	10% solution prepared with DEPC treated MQ water
TE buffer			10 mM Tris-HCl; 1 mM EDTA, pH=8
phenol	Sigma		RNA grade
chloroform-isoamyl alcohol			prepare 24:1 of chloroform:isoamyl alcohol, store at room temperature
High pure RNA isolation kit	Roche	11828665001	
RNase Decontamination Solution	Invitrogen	AM9780	RNase-Zap
Automated electrophoresis instrument	Agilent	2100	Bioanalyzer
Microvolume spectrophotometer	Thermo Fisher Scientific	Nanodrop ND-1000	
RNA quality analysis kit	Agilent	RNA 6000 Nano kit	
RNase inhibitor	Thermo Fisher Scientific	RiboLock	
Directional RNA library Prep kit	NEB	Ultra	For Illumina