

Materials List for:

A Gnotobiotic System for Studying Microbiome Assembly in the Phyllosphere and in Vegetable Fermentation

Esther R. Miller¹, Jonah O'Mara Schwartz¹, Grace Cox¹, Benjamin E. Wolfe¹

¹Department of Biology, Tufts University

Correspondence to: Benjamin E. Wolfe at benjamin.wolfe@tufts.edu

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Materials

Name	Company	Catalog Number	Comments
1.5 mL microcentrifuge tubes	VWR	20170-650	
15 mL conical tubes	Falcon	352096	
7-way tray tray	Sigma Magenta	T8654	
Amber Round Boston Glass Bottle		GPS 712OZSPPK12BR	Ordered on Amazon.com from various suppliers
Basket coffee filters	If you care		(unbleached paper) Purchased from Wholefoods
Bleach (mercury-free)	Austin's	50-010-45	
Borosilicate Glass tubes	VWR	47729-586	
Calcined clay	Turface	MVP	Ordered on Amazon.com from Root Naturally 6 Quart Bags. Particle size approximately 3-5 mm
Cuisinart blender	Cuisinart		Cuisinart Mini-Prep Plus Food Processor, 3-Cup
Dissection scissors	7-389-A	American Educational Products	Ordered on Amazon.com
Ethanol	VWR	89125-172	
Forceps	Aven	18434	Ordered on Amazon.com
Glycerol	Fisher Scientific	56-81-5	
KleenGuard M10	Kimberley-Clark	64240	
Large plastic container	Rubbermaid		Ordered on Amazon.com
Light racks	Gardner's Supply	39-357	full-spectrum T5 fluorescent bulbs
Magenta tm 2-way caps	Millipore Sigma	C1934	
Man, Rogosa, and Sharpe	Fisher Scientific	DF0881-17-5	This media is for broth and 15 g of agar is added to make plates
Micro pH probe	Thermo Scientific	8220BNWP	
Micropestle	Carolina	215828	Also called Pellet Pestle
MS nutrient broth	Millipore Sigma	M5519	Murashige and Skoog Basal Medium
NaCl	Sigma Aldrich	S9888	
Napa cabbage seeds	Johnny's Select Seeds	2814G	<i>B. rapa var pekinensis</i> (Bilko)
Petri dish 100 mm x 15 mm	Fisher	FB0875712	Used to make agar plates
Phosphate buffer saline	Fisher Scientific	50-842-941	Teknova
Plant tissue culture box	Sigma	Magenta GA-7	
Serological pipettes	VWR	89130-900	
Sterile dowel	Puritan	10805-018	Autoclave before use to sterilize
Sterilizing 0.2 µm filter	Nalgene	974103	

Tryptic soy agar	Fisher Scientific	DF0370-17-3	This media is for broth and 15 g of agar is added to make plates
Wide orifice pipette tips	Rainin	17007102	
Yeast, peptone and dextrose	Fisher Scientific	DF0428-17-5	This media is suitable but media can also be made using yeast, peptone and dextrose, add 15 g of agar when making plates