

Materials List for:

Visual and Microscopic Evaluation of *Streptomyces* Developmental Mutants

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Materials

Name	Company	Catalog Number	Comments
50% Glycerol	Sigma-Aldrich	G5516	
Immersion Oil (Type DF)	Cragille	16482	
Lens Paper	Fisherbrand	11-995	
Sterile Water	GeneMate	G-3250-1L	
100% Ethanol	Sigma-Aldrich	E7023	
Propidium Iodide	Invitrogen	P1304MP	
Toothpicks (flat)	Target	081-22-1957	
Pipette Tips (10 mL)	GeneMate	P-1240-10	
Pipette Tips (200 mL)	GeneMate	P-1240-200Y	
Pipette Tips (1,250 mL)	GeneMate	P-1240-1250	
Wooden Applicators 6"	Solon Care	070809	
Cotton Swabs	Fisherbrand	23-400-124	
Soy Flour	Bob's Red Mill	1516C164	
D-Mannitol	Sigma-Aldrich	M4125-1KG	
Agar	Sigma-Aldrich	A1296-1KG	
Glycerol 100%	VWR amresco life science	0854-1L	
0.8% NaCl (Saline)	Sigma-Aldrich	SLBB9000V	
1.2 mL freezer tube	NEST	606101	
Ultra low (-80 °C) freezer	SO-LOW	U85-18	
Cryo Safety Gloves	Bel-Art	H13201	
Petri dishes	Sigma-Aldrich	P5856-500EA	
Cover slips #1.5	Thomas Scientific	64-0721	
Slides	Carolina	63-2010	
Autoclave	Tuttnauer	2540E	
Phase-Contrast Microscope	Olympus	BX40	
Forceps	Carolina Biological	624504	
Bunsen Burner	Carolina Biological	706706	
Methanol	Sigma-Aldrich	34860-1L-R	
PBS (phosphate buffer saline)	Sigma-Aldrich	P4417-50TAB	
WGA-FITC	Biotium	29022-1	
Clear nail polish	OPI	22001009000	
ImageJ	NIH	Free Software	
100 mL beaker	Pyrex USA	1000-T	
1 L beaker	Carolina Biological	721253	

1 L flask	Fisherbrand	S63274	
250 mL flask	Pyrex USA	4980	
100 mL graduated cylinder	Carolina Biological	721788	
500 mL graduated cylinder	Carolina Biological	721792	
Stir Bar	Fisher Scientific	22-271825	
Centrifuge	Eppendorf	5810R	
Camera for Microscope	Olympus	DP72	
Nitrile Examination Gloves (Med)	Bio Excell	71011002	
Vortex Mixer	Carolina Biological	701077	