Materials List for:

RNAi Screening to Identify Postembryonic Phenotypes in *C. elegans*

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Materials

Name	Company	Catalog Number	Comments
NGM Agar	Nematode growth medium	IPM Scientific, Inc	Can be prepared following NGM agar protocol[25]
M9 Medium			22mM KH_2PO_4, 42mM Na_2HPO_4, 86mM NaCl, 1 mM $MgSO_4$
Agar-Agar	EMD Millipore	1.01614.1000	2% in water for NGM plates. 4% in water for microscope slide pads (autoclave initially and microwave to melt thereafter).
Bacto Peptone	BD Biosciences	211677	0.25%
IPTG	Research Products International Corp.	I56000-5.0	1 mM final concentration
carbenicillin	Research Products International Corp.	C46000-5.0	50 µg/ml working dilution
LB Broth Lennox	BD Biosciences	240230	20 g/liter
tetracycline	Sigma-Aldrich	268054	12.5 µg/ml working dilution
sodium hypochlorite	Any Supplier	5% household bleach	Use fresh bleach.
sodium hydroxide	Any Supplier	CAS 1310-73-2	5 N stock
M9 medium	Wormlab Recipe Book	http://130.15.90.245/wormlab_recipe_book.htm#Commonlab	[26]
levamisol	Sigma-Aldrich	31742	100 µM - 1 mM working dilution
sodium azide	Fisher Scientific	S227	10 mM in M9 working dilution
24-well plate	Greiner Bio-One	662160	VWR distributor
microscope slides	Any Supplier	75 x 25 x 1 mm	
microscope cover slips	Any Supplier	22 x 22 mm No.1.5	Use the thickness recommended by the microscope manufacturer.
compound microscope	Carl Zeiss, Inc.	A1m	Use objectives and filters to match the needs of the experiment.
media pump	Manostat Varistaltic pump	Kate model #72-620-000	Use tubing and settings appropriate for the machine

