

Materials List for:

# Large-scale Gene Knockdown in *C. elegans* Using dsRNA Feeding Libraries to Generate Robust Loss-of-function Phenotypes

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## Materials

Name	Company	Catalog Number	Comments
<b>Reagent/Material</b>			
96-well Falcon flat bottom plate	Fisher Scientific	353072	sterile
adhesive foil	USA Scientific	2923-0100	
Nunc omniplate	Fisher Scientific	267060	
2.0 ml deep 96-well polypropylene Masterblock	USA Scientific	5678-0285	autoclavable
Lids for deep well plates	USA Scientific	5665-6101	
50 ml combitips	USA Scientific	4796-5000	individually wrapped
Reservoir	USA Scientific	2977-8500	autoclavable
12-well plates	USA Scientific	CC7682-7512	individually wrapped
dsRNA feeding library	OpenBiosystems	RCE1181	store -80 °C
Ampicillin	Fisher Scientific	BP1760-5	
Tetracycline	Fisher Scientific	BP912-100	
Carbenicillin			allow 2-4 weeks for delivery <a href="http://www.biochemicaldirect.com">www.biochemicaldirect.com</a>
Bacteriological Agar Ultrapure grade A	Affymetrix	10906	for worm plates
<b>Equipment</b>			
Brayer roller	USA Scientific	9127-2940	
B-ke1 96-pin replicator	Fisher Scientific	05-450-9	autoclavable
microshaker	Thomas Scientific	1231A93	3 mm orbit
12 channel multichannel pipet (0.5-10 µl)	USA Scientific	7112-0510	
12 channel multichannel pipet (30-300 µl)	USA Scientific	7112-3300	
Repeater Plus manual pipettor	USA Scientific	4026-0201	