

Materials List for:

RNAi Mediated Gene Knockdown and Transgenesis by Microinjection in the Necromenic Nematode *Pristionchus pacificus*

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Materials

Name	Company	Catalog Number	Comments
DMI3000 Injection microscope	Leica Microsystems	DMI3000	
Microinjector manipulator (Direct drive)	Tritech Research, Inc.	Narashige BC-3 Ball joint	
Needle Puller	Tritech Research, Inc.	Narashige PC-10	
Microinjector™ All-Digital Multi-pressure System	Tritech Research, Inc.	Narashige MINJ-D	
GeneElute™ Mammalian Genomic DNA Miniprep Kit	Sigma-Aldrich	G1N70	
pJet Cloning Jet kit	Fermentas	K1231	
GeneJET plasmid Miniprep kit	Fermentas	K0502	
DNA Clean & Concentrator™	Zymo Research Corp.	D4005	
BLOCK-IT™ RNAi TOPO® transcription kit	Invitrogen	K3500-01 & K3650-01	
Difco™ Agar Noble	Fisher Scientific	DF0142-15-2	
Microscope cover glass (1.5 - 0.16 to 0.19mm thick; Size: 50 x 45mm)	Fisher Scientific	12-554-F	
Glass capillaries (filament)	A-M Systems	615000	
Paraffin Oil (Heavy)	Fisher Scientific	O122-1	
KH ₂ PO ₄	Fisher Scientific	P386-500	
Na ₂ HPO ₄	Fisher Scientific	AC20651-5000	
NaCl	Fisher Scientific	BP3581	
MgSO ₄	Fisher Scientific	M80-500	