

Name of Material/ Equipment	Company	Catalog Number	Comments/Description
acrylamide	Millipore Sigma	1490-100ML	
ammonium persulfate	VWR	BDH9214-500G	
anti-GFP rabbit polyclonal antibody	Torrey Pines BioLabs	TP-401	
anti-guinea pig IgG goat polyclonal antibody, Alexa Fluor 568	Thermo Fisher Scientific	A-11075	
anti-rabbit IgG goat polyclonal antibody, Alexa Fluor 488	Thermo Fisher Scientific	A-11008	
bisacrylamide	Research Products International	A11275	
bovine serum albumin (30% solution)	Millipore Sigma	A7284	
conical tubes, 50 ml	fisherscientific	21008-940	
coverlip glass, square 22 mm	VWR	48366-227	
coverslip glass, rectangular 40 mm x 24 mm	VWR	48393-230	
glass capillaries for pulling needles	World Precision Instruments	TW100F-4	
glass microinjection needles (pre-pulled)	World Precision Instruments	TIP10LT	
guanidine HCl	VWR	101970-606	
heptane	VWR	EM-HX0078-1	
latex pipet bulbs	VWR	82024-554	
methanol	VWR	BDH1135-4LP	
methylacrylic acid N-hydroxysuccinimidyl ester	VWR	730300-1G	
microfuge tube, 1.5 mL	VWR	20170-038	
multi-well plate, 6-well	Genesee	25-100	
paraformaldehyde (16%, EM-grade, methanol-free)	Electron Microscopy Sciences	509804487 (Fisher)	
Pasteur pipet (2 mL, short tip)	VWR	14673-010	
PDMS kit (Sylgard 184 Kit, base and curing agent)	VWR	102092-312	
Petri plates	Genesee	32-107	
phosphate-buffered saline (10x solution)	VWR	97063-660	
Poly-L-lysine solution (0.1% solution)	VWR	P8920-100ML	
Proteinase K	Thermo Fisher Scientific	E00491	
scintillation vials (30 ml)	VWR	66022-128	
sodium acrylate	VWR	101181-226	
sodium azide (powder)	Millipore Sigma	71289	make a 1% w/v working stock; acute POISON at this concentration!
Streptavidin, Alexa Fluor 488	Thermo Fisher Scientific	S32354	
TAE (50x)	VWR	97063-692	
tape (double-sided, 1 inch wide)	Scotch 3M	665 Scotch double sided 1inch/1296 inches Boxed	
TEMED	Thermo Fisher Scientific	PI17919	
TEMPO	VWR	EM8.14681.0005	catalytic oxidant
Tween-20	VWR	97063-872	extremely viscous when pure; make a 10% working stock with water
Zeiss LSM 900	Zeiss		Laser scanning microscope used without AiryScan