

Materials List for:

A Microfluidic Platform for Longitudinal Imaging in *Caenorhabditis elegans*

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Materials

Name	Company	Catalog Number	Comments
WormSpa	N/A	N/A	The CAD file for WormSpa is available from the Levine lab.
Compound Microscope	Zeiss	AxioObserver Z1	An inverted fluorescence microscope with a motorized stage
Syringe Pump	New Era Pump Systems	NE-501	
Tubing	SCI Scientific Commodities Inc.	BB31695-PE/5	0.034" (0.86 mm) I.D. x 0.052" (1.32 mm) O.D
Syringe Tip	CMLsupply	901-20-050	20 Gauge x 1/2" blunt tip stainless steel canula
Syringe Filter	PALL	4650	Acrodisc 32 mm Syringe Filter with 5 um Supor Membrane
Syringe	Qosina	C3307	10 mL Male Luer Lock Syringe
3 Way Valve	ColeParmer	FF-30600-23	Large-bore 3-way, male-lock, stopcocks, 10/pack, Non-sterile
Dowel Pin	McMaster-Carr	90145A317	18-8 Stainless Steel Dowel Pins (1/32" Dia. x 1/2" Lg.)
Low Binding Microcentrifuge Tube	Corning	CL S3206	0.65 mL low binding snap cap microcentrifuge tube