

Materials List for:

Visualize *Drosophila* Leg Motor Neuron Axons Through the Adult Cuticle

Wenyue Guan¹, Lalanti Venkatasubramanian², Myungin Baek³, Richard S. Mann², Jonathan Enriquez¹

¹Institut de Génomique Fonctionnelle de Lyon, ENS de Lyon, CNRS

²Departments of Biochemistry and Molecular Biophysics, and Neuroscience, Mortimer B. Zuckerman Mind Brain Behavior Institute, Columbia University

³Neuroscience Program, NYU School of Medicine

Correspondence to: Jonathan Enriquez at jonathan.enriquez@ens-lyon.fr

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Materials

Name	Company	Catalog Number	Comments
Ethanol absolute	Fisher	E/6550DF/17	Absolute analytical reagent grade
nonionic surfactant detergent	Sigma-Aldrich	T8787	Triton X-100, for molecular biology
Fine forceps	Sigma-Aldrich	F6521	Jewelers forceps, Dumont No. 5
Glass multi-well plate	Electron Microscopy Sciences	71563-01	9 cavity Pyrex, 100 mm x 85 mm
PFA	ThermoFisher	28908	Pierce 16% Formaldehyde (w/v), Methanol-free
Glycerol	Fisher BioReagents	BP 229-1	Glycerol (Molecular Biology)
Spacers	Sun Jin Lab Co	IS006	iSpacer, four wells, around 12 µL working volume per well, 7 mm diameter, 0.18 mm deep
Square 22 mm x 22 mm coverslips	Fisher Scientific	FIS#12-541-B	No.1.5-0.16 to 0.19 mm thick
Mounting Medium	Vector Laboratories	H-1000	Vectashield Antifade Mounting Medium
Confocal microscope	Carl Zeiss		LSM780; objective used LD LCI Plan-Apochromat 25X/0.8 Imm Korr DIC M27 (oil/silicon/glycerol/water immersion) (420852-9871-000)
imaging software	Carl Zeiss		ZEN 2011
3D-Image software	ThermoFisher Scientific		Amira 6.4
ImageJ	National Institutes of Health	https://imagej.nih.gov/ij/	ImageJ/FIJI