

Materials List for:

Isolation of Giant Lampbrush Chromosomes from Living Oocytes of Frogs and Salamanders

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Materials

Name	Company	Catalog Number	Comments
Paraformaldehyde (reagent grade, crystalline)	Sigma-Aldrich	P6148-500G	Despite warnings in many protocols, a concentrated solution can be stored indefinitely at RT
Ethyl 3-aminobenzoate methanesulfonate	Sigma-Aldrich	A5040-100G	Sometimes referred to as MS-222
Ethicon RB-1 1/2 circle taper point 3-0 sutures	VWR	95057-000	
Paraplast (paraffin wax)	Sigma-Aldrich	P3558-1KG	
p-Phenylenediamine	Sigma-Aldrich	P6001	
Gelatin	Grocery Store		Commercial Knox gelatin works fine
ProLong Gold antifade mountant	ThermoFisher Scientific	P10144	
Gold Seal cover glass 22 x 22 mm #1 1/2 (0.16 - 0.19 mm thick)	Electron Microscopy Sciences	63786-01	These coverslips are the recommended thickness for superresolution microscopy
Dumont forceps #5	Electron Microscopy Sciences	72700-D	http://www.emsdiasum.com/microscopy/products/tweezers/dumont_positive_action.aspx
Paraffin oil (light)	EMD Chemicals	PX0047-1	For isolating GV's in oil
Adhesive <i>in situ</i> PCR and hybridization chambers (25 µL)	BioRad	Frame-Seal Slide Chambers #SLF0201	http://www.bio-rad.com/en-us/sku/slf0201-frame-seal-slide-chambers
Silicone isolators	Grace-Biolabs	select from catalog link	http://www.gracebio.com/life-science-products/microfluidics/silicone-isolators.html
Coplin jars and staining dishes	Electron Microscopy Sciences	select from catalog link	http://www.emsdiasum.com/microscopy/products/histology/staining.aspx