

Materials List for:

Functional Evaluation of Olfactory Pathways in Living *Xenopus* Tadpoles

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Materials

Name	Company	Catalog Number	Comments
Salts for aquariums (Instant Ocean Salt)	Tecniplast	XPSIO25R	
Tricaine (Ethyl 3-aminobenzoate methanesulfonate)	Sigma-Aldrich	E10521	
Tweezers #5 (tip 0.025 x 0.005 mm)	World Precision Instruments	501985	
Vannas Scissors (tip 0.015 x 0.015)	World Precision Instruments	501778	
Whatman qualitative filter paper	Fisher Scientific	WH3030917	
<i>X. laevis</i> tubb2-GFP	National Xenopus Resource (NXR), RRID:SCR_013731	NXR_0.0035	
<i>X. tropicalis</i> NBT-GFP	European Xenopus Resource Center (EXRC) RRID:SCR_007164		
CellTracker CM-Dil	ThermoFisher Scientific	C-7001	
Calcium Green dextran, Potassium Salt, 10,000 MW, Anionic	ThermoFisher Scientific	C-3713	
Borosilicate capillaries for microinjection	Sutter Instrument	B100-75-10	O.D.=1.0 mm., I.D.=0.75 mm.
Puller	Sutter Instrument	P-97	
Microinjector	Parker Instruments	Picospritzer III	
Sylgard-184	Sigma-Aldrich	761028-5EA	
Microfil micropipettes	World Precision Instruments	MF28G-5	
Upright microscope	Zeiss	Axiolmager-A1	
Master-8 stimulator	A.M.P.I.		
CCD Camera	Hamamatsu	Image EM	
Solenoid valves	Warner Instruments	VC-6 Six Channel system	
Dow Corning High Vacuum Grease	VWR Scientific	636082B	
Tubocurarine hydrochloride	Sigma-Aldrich	T2379	
CCD Camera	Zeiss	MRC-5 Camera	Controlled by Zen software
camera lens	Thorlabs	MVL8ML3	There are multiple possibilities that should be adapted to the camera model used
Epoxy resin	RS Components		
Manifold	Warner Instruments	MP-6 perfusion manifold	
Micromanipulator for local delivery of solutions	Narishige	MN-153	

Mini magnetic clamps	Warner Instruments	MAG-7, MAG-6	
Polyethylene tubing	Warner Instruments	64-0755	O.D.=1.57 mm., I.D.=1.14 mm.