

Materials List for

# Double In Utero Electroporation to Target Temporally and Spatially Separated Cell Populations

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## Materials

Name	Company	Catalog Number	Comments
Ampicillin sodium salt	Sigma-Aldrich	A9518-25G	
Aspirator tube	Sigma-Aldrich	A5177-5EA	
Baby-mixer hemostat (perfusion)	Fine Science Tools (FST)	13013-14	
Borosilicate glass capillary	WPI	1B100-6	
Buprenorphine (BUPREX 0,3 mg/ml)	Rb Pharmaceuticals Limited	921425	
CAG-BFP plasmid	Kindly provided by U.Müller Lab		
CAG-EGFP plasmid	Kindly provided by U.Müller Lab		
CAG-mCherry plasmid	Kindly provided by U.Müller Lab		
CAG-mtdTomato-2A-nGFP plasmid	Kindly provided by U.Müller Lab		
Confocal microscope	Olympus	FV10i	
Cotton Swabs	BFHCVDF		
Cyanoacrylate glue	B. Braun Surgical	1050044	
Dissecting scope	Zeiss	stemi 305	
Dumont Forceps #5 Fine Forceps	Fine Science Tools (FST)	11254-20	
ECM830 Square Wave Electroporator	BTX	45-0052	
Electric Razor	Oster	76998	
Endotoxin-free TE buffer	QIAGEN	1018499	
Ethanol wipes	BFHCVDF		
Extra Fine Graefe Forceps	Fine Science Tools (FST)	11150-10	
Eye ointment	Alcon	682542.6	
Fast Green dye	Sigma-Aldrich	F7252-5G	
Fine Scissors	Fine Science Tools (FST)	14069-09	
Fluorescence LEDs	CoolLED	pE-300-W	
Genopure Plasmid Maxi Kit	Roche	3143422001	
Halsted-Mosquito Hemostats (suture)	Fine Science Tools (FST)	91308-12	
Heating Pad	UFESA	AL5514	

Inverted epifluorescence microscope	Nikon	Eclipse TE2000-S	
Iodine wipes	Lorsoul		
Isofluorane vaporizer	Flow-Meter	A15B5001	
Isoflurane	Karizoo	586259	
Ketamine (Anastemine)	Fatro Ibérica SL	583889-2	
Kimtech precision wipes	Kimberly-Clark	7252	
LB (Lennox) Agar GEN	Labkem	AGLB-00P-500	
LB (Lennox) broth GEN	Labkem	LBBR-00P-500	
Low-melting point agarose	Fisher Scientific	BP165-25	
Medetomidine (Sedator)	Dechra	573749.2	
Microscope coverslips	Menel-Gläser	15747592	
Microscope Slides	Labbox	SLIB-F10-050	
Mounting medium	Electron Microscopy Sciences	17984-25	
Mutiwell plates (24)	SPL Life Sciences	32024	
Mutiwell plates (48)	SPL Life Sciences	32048	
NaCl (for saline solution)	Fisher Scientific	10112640	
Needle 25 G (BD Microlance 3)	Becton, Dickinson and Company	300600	
Orbital incubator S150	Stuart Scientific	5133	
P Selecta Incubator	J. P. Selecta, s.a.	0485472	
Paraformaldehyde	PanReac AppliedChem	A3813	
Penicillin-Streptomycin	Sigma -Aldrich	P4333	
Peristaltic perfusion pump	Cole-Parmer	EW-07522-30	
Platinum Tweezerrode, 5 mm Diameter	Btx	45-0489	
Reflex Skin Closure System - 7mm Clips, box of 100	AgnThos	203-1000	
Reflex Skin Closure System - Clip Applier, 7mm	AgnThos	204-1000	
Ring Forceps	Fine Science Tools (FST)	11103-09	
Sodium azide	PanReac AppliedChem	122712-1608	
Surgical absorbent pad (sterile)	HK Surgical	PD-M	
Suture (Surgicryl PGA 6-0)	SMI Suture Materials	BYD11071512	
Syringe 1ml (BD plastipak)	Becton, Dickinson and Company	303172	
Tissue Culture Dish 100 x 20 mm	Falcon	353003	
Vertical Micropipette Puller	Sutter Instrument Co	P-30	
Vertical microscope	Nikon	Eclipse Ni	
Vibratome	Leica	VT1200S	