

Materials List for:

# Mouse *in Utero* Electroporation: Controlled Spatiotemporal Gene Transfection

Asuka Matsui<sup>1</sup>, Aya C. Yoshida<sup>1</sup>, Mayumi Kubota<sup>1</sup>, Masaharu Ogawa<sup>1</sup>, Tomomi Shimogori<sup>1</sup>

<sup>1</sup>Lab for Molecular Mechanisms of Thalamus Development, RIKEN Brain Science Institute

Correspondence to: Tomomi Shimogori at [tshimogori@brain.riken.jp](mailto:tshimogori@brain.riken.jp)

URL: <https://www.jove.com/video/3024>

DOI: [doi:10.3791/3024](https://doi.org/10.3791/3024)

## Materials

Name	Company	Catalog Number	Comments
bare tungsten wire diameter 125 µm	A-M Systems	797600	
bare platinum wire diameter 125 µm	A-M Systems	767000	
Stick electrodes	Nepa gene	CUY610P4-1	
glass capillary tube	Stoelting Co.	50611	
micromanipulator	KD Scientific	KDS310	
scissors	Roboz Surgical Instruments Co.	RS-5865	
pulse generator	A-M Systems	Model 2100	
9 mm autoclip	Roboz Surgical Instruments Co.	RS-9260	
gold-plated pins	World Precision Instruments, Inc.	5482	
RORc antibody	Perseus Proteomics	H3925	