

Materials List for:

# A Pipeline using Bilateral In Utero Electroporation to Interrogate Genetic Influences on Rodent Behavior

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## Materials

Name	Company	Catalog Number	Comments
13mm Silk Black Braided Suture	Havel's	SB77D	Suture skin
Adson Forceps	F.S.T.	11006-12	IUE
C270 Webcam	Logitech	N/A	Record behavior
Electroporator	Custom-built	N/A	See Figure 1 and 2 and Bullmann et al, 2015
EZ-500 Spin Column Plasmid DNA Maxi-preps Kit, 20preps	Bio Basic Inc.	BS466	Pladmid preparation
Fast Green FCF	Sigma	F7252-5G	Dye for DNA solution
Fine scissors- sharp	F.S.T.	14060-09	IUE
Fisherbrand Gauze Sponges	Fisher Scientific	1376152	IUE
Gaymar Heating/Cooling	Braintree	TP-700	Heating Pad
Glass pipette puller	Sutter Instrument,	P-97	IUE
Glass pipettes	Sutter Instrument,	BF150-117-10	IUE
Hair Removal Lotion	Nair	N/A	Hair removal
Hartman Hemostats	F.S.T.	13002-10	IUE
Open field maze- homemade acrylic arena	Custom-built	N/A	50 × 50 × 30 cm length-width-height
pCAG-GFP	Addgene	11150	Mammalian expression vector for expression of GFP
Picospritzer III	Parker Hannifin	N/A	pressure injector
Retractor - 2 Pronged Blunt	F.S.T.	17023-13	IUE
Ring forceps	F.S.T.	11103-09	IUE
Sterilizer, dry bead	Sigma	Z378569	sterelize surgical tools
SUTURE, 3/0 PGA, FS-2, VIOLET FOR VET USE ONLY	Havel's	HJ398	Suture muscle
Water bath	Cole-Parmer	EW-12105-84	warming sterile saline