

Materials List for:

Assaying Circuit Specific Regulation of Adult Hippocampal Neural Precursor Cells

Luis J. Quintanilla^{1,2,3}, Chia-Yu Yeh^{1,2}, Hechen Bao^{1,2}, Christina Catavero^{1,2,3}, Juan Song^{1,2,3}

¹Department of Pharmacology, University of North Carolina Chapel Hill

²Neuroscience Center, University of North Carolina Chapel Hill

³Neuroscience Curriculum, University of North Carolina Chapel Hill

Correspondence to: Juan Song at juansong@email.unc.edu

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Materials

Name	Company	Catalog Number	Comments
24 Well Plate	Thermo Fisher Scientific	07-200-84	
48 Well Plate	Denville Scientific	T1049	
5-Ethynyl-2'-deoxyuridine (Edu)	Carbosynth	NE08701	
Alcohol 70% Isopropyl	Thermo Fisher Scientific	64-17-5	
Alcohol Prep Pads	Thermo Fisher Scientific	13-680-63	
Alexa-488 Azide	Thermo Fisher Scientific	A10266	
Anti-Chicken Nestin	Aves	NES; RRID: AB_2314882	
Anti-Goat DCX	Santa Cruz	Cat# SC_8066; RRID: AB_2088494	
Anti-Mouse Tbr2	Thermo Fisher Scientific	14-4875-82; RRID: AB_11042577	
Betadine Solution (povidone-iodine)	Amazon		
Citric Acid Stock [.1M] Citric Acid (21g/L citric acid)	Sigma-Aldrich	251275	
Clozapine N- Oxide	Sigma-Aldrich	C08352-5MG	
Confocal Software (Zen Black)	Zeiss Microscopy	Zen 2.3 SP1 FP1 (black)	
Copper (II) Sulfate Pentahydrate	Thermo Fisher Scientific	AC197722500	
Cotton Swabs	Amazon		
Coverslip	Denville Scientific	M1100-02	
Delicate Task Wipe Kimwipes	Kimtech Science	7557	
Drill Bit 0.5 mm	Fine Science Tools	19007-05	
Ethylene Glycol	Thermo Fisher Scientific	E178-1	
Hamilton Needle 2 inch	Hmailton Company	7803-05	
Hamilton Syringe 5 µL Model 75 RN	Hmailton Company	Ref: 87931	
High Speed Drill	Foredom	1474	
Infusion Pump	Harvard Apparatus	70-4511	
Injectable Saline Solution	Mountainside Health Care	NDC 0409-4888-20	
Insulin Syringe	BD Ultra-Fine Insulin Syringes		
Isoflurane	Henry Schein	29405	
Stereotax For Small Animal	KOPF Instruments	Model 942	
Leica M80	Leica		
Leica Microtome	Leica	SM2010 R	
LSM 780	Zeiss Microscopy		

Nair (Hair Removal Product)	Nair		
Paraformaldehyde 4%	Sigma-Aldrich	158127	
Plus Charged Slide	Denville Scientific	M1021	
Phosphate Buffered Solution (PBS)	Thermo Fisher Scientific	10010031	
Puralube Vet Ointment	Puralube		
Slide Rack 20 slide unit	Electron Microscopy Science	70312-24	
Slide Rack holder	Electron Microscopy Science	70312-25	
Small Animal Heating Pad	K&H		
Sucrose	Sigma-Aldrich	S0389	
Super PAP Pen 4 mm tip	PolySciences	24230	
Surgical Scalpel	MedPride	47121	
Tris Buffered Solution (TBS)	Sigma-Aldrich	T5912	
Tri-sodium citrate Stock [0.1 M] Tri-sodium Citrate (29.4g/L tri-sodium citrate)	Sigma-Aldrich	C8532	
Triton X-100	Sigma-Aldrich	93443	
Tweezers	Amazon		
Vet Bond Tissue Adhesive	3M	1469SB	