

Materials List for:

Conditional Genetic Transsynaptic Tracing in the Embryonic Mouse Brain

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URL: <https://www.jove.com/video/52487>

DOI: [doi:10.3791/52487](https://doi.org/10.3791/52487)

Materials

Name	Company	Catalog Number	Comments
Bisbenzimidazole (Hoechst 33258 dye)	Sigma	14530-100MG	
Ethanol	Sigma	32205-1L	
Cryo mold (Peel-a-way)	Polyscience Inc.	18646A-1	22 x 22 x 20mm
DMSO	Sigma	D8418-100ML	
Dimethyl Formamide (DMF)	VWR Chemicals	23470,293	
EGTA	ROTH	3054.3	
Fluoromount G	Southern Biotech	0100-01	
Glutaraldehyde	Sigma	G5882-50ML	
Hydrogen peroxide	Sigma	34988-7	
Isopentane (Methyl 2-butane)	Sigma	M32631-2.5L	
Kaiser's glycine gelatin	Merck	1092420100	
Methanol	Sigma	494437-1L	
MgCl ₂	Sigma	M2670-100G	
NaCl	ROTH	HN00.2	
NBT	Sigma	298-83-9	
Nonidet P40 substitute	Fluka	743.85	
OCT	Leica	14020108926	
PAP pen	Dako	S2002	
Parafomaldehyde	Sigma	P6148-1KG	
Sodium deoxycholate	Sigma	D6750-25G	
Sucrose	Sigma	S7903-1KG	
Superfrost slides	Thermo Scientific	FT4981GLPLUS	
TSA kit	PerkinElmer	NEL700	
TSA plus kit	PerkinElmer	NEL749A001KT	
Tris	ROTH	AE15.2	
Triton-X 100	ROTH	3051.2	
Tween 20	ROTH	9127.1	
X-gal	ROTH	2315.1	
Cryostat	Leica	na	
Light microscope equipped with DIC imaging	Zeiss	Axioskop2 equipped with Axio Vision software	
Fluorescence microscope	Zeiss	Axioskop2 equipped with Axio Vision software	
Photoshop	Adobe	PS6	
Goat anti-WGA (recognizes BL)	Vector Laboratories	AS-2024	
Biotinylated horse anti-goat IgG	Vector Laboratories	BA-9500	

Biotinylated goat anti-rabbit IgG	Vector Laboratories	BA-1000	
Rabbit anti-GFP (recognizes GTT)	Invitrogen	A11122	
Rabbit anti-GnRH	Affinity Bio Reagent	PA1-121	
Dylight488-donkey anti-rabbit IgG	Thermo Scientific	SA5-10038	
SA-Alexa Fluor 546	Life Technologies	S-11225	
Primers			
BL Fwd (for BIZ genotyping)	Eurofins MWG Operon		ATGAAGATGATGAGCACCAGGGC
BL Rev (for BIZ genotyping)	Eurofins MWG Operon		AGCCCTCGCCGCAGAACTC
Cre Fwd (for Cre genotyping)	Eurofins MWG Operon		GTCGATGCAACGAGTGATGAGGTTTCG
Cre Rev (for Cre genotyping)	Eurofins MWG Operon		CCAGGCTAAGTGCCTTCTCTACACCTGC
TTC Fwd (for GTT genotyping)	Eurofins MWG Operon		AGCAAGGGCGAGGAGCTGTT
TTC Rev (for GTT genotyping)	Eurofins MWG Operon		GTCTTGTAGTTGCCGTCGTCCTTGAA
XY Fwd (for gender genotyping)	Eurofins MWG Operon		TGAAGCTTTTGGCTTTGA
XY Rev (for gender genotyping)	Eurofins MWG Operon		CCGCTGCCAAATTCTTTG
ROSA26 Fwd	Eurofins MWG Operon		CGAAGTCGCTCTGAGTTGTTATC
ROSA26 Rev	Eurofins MWG Operon		GCAGATGGAGCGGGAGAAAT
SA Rev	Eurofins MWG Operon		CGAAGTCGCTCTGAGTTGTTATC