

Materials List for:

Loss- and Gain-of-function Approach to Investigate Early Cell Fate Determinants in Preimplantation Mouse Embryos

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URL: <https://www.jove.com/video/53696>

DOI: [doi:10.3791/53696](https://doi.org/10.3791/53696)

Materials

Name	Company	Catalog Number	Comments
M16 medium,	Gibco BRL (Grand Island, NY)	M7292 LOT# 11A832	
Goat serum,	Dako (Glostrup, Denmark)	X0907	
PMSG	Folligon, Intervet, Holland	G4877-1000IU LOT#SLBD0719V	
Mineral oil	Sigma Aldrich	CG5-1VL LOT# SLBC6783V	
human chorionic gonadotropin and pregnant mare serum gonadotropin	(Intervet, Holland)	(invitrogen , 15596-026)	
SuperScript® III Reverse Transcriptase	lifetechnologies	18080-044	
PCR pre mixture	(Bioneer, Daejeon, S. Korea)	GenDEPOT , A0224-050	
Agarose (molecular grade)	BioRad	161-3101	
Paraformaldehyde Solution, 4% in PBS	Affymetrix USA	19943	
polyclonal rabbit anti-neogenin antibody	Santa Cruz Biotechnology, US	SC-15337	
Alexa fluor 488 labeled anti-rabbit antibody	Molecular Probes (Invitrogen, USA)	A-11094	
Alexa fluor 555 labeled anti-rabbit antibody	Molecular Probes (Invitrogen, USA)	A-21428	
Alexa Fluor® 555 Phalloidin	Molecular Probes (Invitrogen, USA)	A34055	
DAPI (4',6-Diamidino-2-Phenylindole, Dihydrochloride)	Invitrogen, USA	D1306	
Recombinant Human RGM-C/ Hemojuvelin	R&D systems	3720-RG	
all plasmid constructs	Prof. Wen Cheng Xiong at Georgia Health Sciences University (Augusta, GA).		for the present studies were kindly provided by
Neon® Transfection System	lifetech	MPK10096	
Stereo Microscope	Nikon	SMZ1000	
Micromanipulation system with Nikon	Nikon	Narishige ONM-1	
Micro Injector	Nikon Narishige	GASTIGHT #1750	
Holder	Nikon Narishige	Narishige IM 16	
Microfuge	Nikon Narishige	Narishige MF-900	

grinder	Narishige	EG400	
Puller	Sutter Instrumnet company	P-97	
CO ₂ incubator	Thermo Scientific Forma	EW-39320-16	
Veriti® 384-Well Thermal Cycler	lifetechnologies	4388444	