

Materials List for:

Lentiviral Mediated Production of Transgenic Mice: A Simple and Highly Efficient Method for Direct Study of Founders

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Materials

Name	Company	Catalog Number	Comments
PMSG 50UI	Sigma	G4527	
hCG 5000UI	Sigma	CG5-1VL	
NaCl	Sigma	7982	
100 mm petri dish	Dutsher	353003	
4 wells Nunc dish	Dutsher	56469	IVF dish
M2 medium	Sigma	M7167	
M16 medium	Sigma	M7292	
0,22 µm Syringe filter	Dutsher	146611	
Hyaluronidase Enzyme 30mg	Sigma	H4272	mouse embryo tested
Insulin serynge	VWR	613-3867	Terumo Myjector
Curved forceps	Moria	2183	
Curved scissors	Moria	MC26	
Aspirator tube assemblies for calibrated microcapillary pipettes	Sigma	A5177-5EA	
Borosilicate glass capillaries	Harvard apparatus	GC 100-10	
Horizontal micropipette puller	Narishige	PN-30	
Microforge	Narishige	MF-900	
Inverted microscope	Nikon	Transferman NK2 5188	Hoffman modulation contrast illumination is required
Micromanipulator	Eppendorf	Celltram air	
Controler of holding pipet	Eppendorf	Femtojet	
Mineral oil	Sigma	M8410	mouse embryo tested
Microinjector	Eppendorf	Femtojet	Can be used to inject DNA or viral vectors
Dumont # 5 forceps	Moria	MC 40	
vannas micro scissors	Moria	9600	
Isoflurane	centravet	ISO005	ISO-VET 100% 250ml
ocrygel	centravet	OCR002	
Povidone iodure	centravet	VET001	vetedine 120ml
Buprenorphine	centravet	BUP002	Buprecare 0,3Mg/ml 10ml
Tris-HCl	Sigma	T5941	Trizma hydrochloride
EDTA	Sigma	E9884	
SDS	Sigma	436143	
NaCl	Sigma	S7653	powder

proteinase K	Sigma	P2308	
oneTaq kit	NEB	M0480L	
Primers	Eurogentec		
Strip of 8 PCR tube	4titude	4ti-0781	
96 well thermal cycler	Applied Biosystems	4375786	Veriti
Genomic DNA mini kit	invitrogen	K1820-02	
Nanodrop 2000	Thermo Scientific	ND-2000C	
qPCR Master mix	Roche	4887352001	SYBR Green
Multiwell plate 384	Roche	5217555001	
qPCR instrument 384 well	Roche	5015243001	LightCycler 480