

Materials List for:

Sequential *In vivo* Imaging of Osteogenic Stem/Progenitor Cells During Fracture Repair

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Materials

Name	Company	Catalog Number	Comments
C57BL/6J (H-2b)	Jackson Laboratories (Bar Harbor, ME)	000664	
Ketamine Hydrochloride Injection	Bionichepharma	67457-001-10	Vial size: 10 ml (50 mg/ml)
Xylazine Sterile Solution	Lloyd Inc.	NADA# 139-236	
Buprenorphine HI	BEDFORD LAB	NDC 55390-100-10	Vial: 0.3 mg/ml, Doses: 0.05-0.1 mg/kg
DPBS, 1X	CORNING cellgro	21-031-CV	
Alcohol Prep Pads (70% Isopropyl alcohol)	Kendall WEBCOL	5110	
Fine Surgical Scissor	F.S.T	14568-09	
Extra fine Forceps	F.S.T	11150-10	
VICRYL*Plus Suture	Ethicon	VCP490G	
Qtracker 705 non-targeted quantum dot	Invitrogen	Q21061	
Methocel 2%	OmmiVision		
pIpC (Polyinosinic-polycytidylic acid)	Sigma	P0913-50MG	100 µl (2.5 mg/ml in PBS) for 10 g of mouse
Mai Tai Tunable Ultrafast Lasers	Spectra Physics		
Dual Calypso 491 + 532 nm DPSS laser	Cobolt AB		
Radius-635 HeNe laser	Coherent		