

Materials List for:

Spatial and Temporal Control of Murine Melanoma Initiation from Mutant Melanocyte Stem Cells

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Materials

Name	Company	Catalog Number	Comments
Tamoxifen	Sigma	T5648-1G	For systemic injection
Tamoxifen	Cayman Chemical	13258	For systemic injection
Corn oil	Sigma	45-C8267-2.5L-EA	
4OH-tamoxifen	Sigma	H7904-25MG	For topical treatment
26 G 1/2" needles	various		Veterinary grade
1 mL syringe	various		Veterinary grade
Pet hair trimmer	Wahl	09990-502	
Hair removal cream	Nair	n/a	Available at most drug stores
Cotton swabs	various		
Ultraviolet light bulb	UVP	95-0042-08	model XX-15M midrange UV lamp
200 proof ethanol	various		pure ethanol
Histoplast PE	Fisher Scientific	22900700	paraffin pellets
Neutral Buffered Formalin, 10%	Sigma	HT501128-4L	
Clear-Rite 3	Thermo Scientific	6901	xylene substitute
O.C.T. Compound	Thermo	23730571	
Tissue Cassette	Sakura	89199-430	for FFPE processing
Cryomolds	Sakura	4557	25 x 20 mm
FFPE metal mold	Leica	3803082	24 mm x 24 mm
Isoflurane	various		Veterinary grade
Anesthesia inhalation system	various		Veterinary grade
Fine scissor	FST	14085-09	Straight, sharp/sharp
Fine scissor	FST	14558-09	Straight, sharp/sharp
Metzenbaum	FST	14018-13	Straight, blunt/blunt
Forcep	FST	11252-00	Dumont #5
Forcep	FST	11018-12	Micro-Adson
Tyr-CreER; LSL-BrafV600E; Pten-f/f	Jackson Labs	13590	
LSL-tdTomato	Jackson Labs	007914	ai14
Cre-1		n/a	GCATTACCGGTCGATGCAACGA GTGATGAG
Cre-2		n/a	GAGTGAACGAACCTGGTCGAA ATCAGTGCG
Braf-V600E-1		n/a	TGAGTATTTTGTGGCAACTGC
Braf-V600E-2		n/a	CTCTGCTGGGAAAGCGGC

Kras-G12D-1		n/a	AGCTAGCCACCATGGCTTGAGT AAGTCTGCA
Kras-G12D-2		n/a	CCTTTACAAGCGCACGCAGACT GTAGA
Pten-1		n/a	ACTCAAGGCAGGGATGAGC
Pten-2		n/a	AATCTAGGGCCTCTTGCGCC
Pten-3		n/a	GCTTGATATCGAATTCCTGCAGC
tdTomato-1		n/a	AAGGGAGCTGCAGTGGAGTA
tdTomato-2		n/a	CCGAAAATCTGTGGGAAGTC
tdTomato-3		n/a	GGCATTAAAGCAGCGTATCC
tdTomato-4		n/a	CTGTTCTGTACGGCATGG