

Materials List for

Clonal Analysis of the Neonatal Mouse Heart using Nearest Neighbor Modeling

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jove.com/video/61656

Materials

Name	Company	Catalog Number	Comments
#1.5 glass coverslip	FisherScientific	12-544E	
6-O prolene	Ethicon	8706H	
Anti-fade mounting medium	FisherScientific	00-4958-02	
CO2 inhalational chamber			
Cold pack			
Cryomolds	VWR	15160-215	
Cryoprobe	World Precision Instruments	501313	
Filter cubes			
Gt(ROSA)26Sor ^{tm1} (CAG-EGFP,-mCerulean,-mOrange,-mCherry)llw mice			
ImageJ software			https://imagej.net
KCl 1M	FisherScientific	LC187951	
Leica CM3050 cryostat			
Liquid Nitrogen			
Microscissors, 6mm	World Precision Instruments	14003	
Myh6-CreERT2 mice	The Jackson Laboratory	005657	
Needler holder	World Precision Instruments	14109	
Paraformaldehyde 4%	FisherScientific	AC416785000	
Phosphate buffered saline			
Python			https://www.python.org/
R			https://cran.r-project.org/
Rotating Shaker			
Stereoscope			
Sucrose 30% (wt/vol)	FisherScientific	BP220	
Surgical dissecting scissors	World Precision Instruments	14393	

Syringe for tamoxifen	VWR	BD328438	
Tamoxifen, 20 µg	Sigma	T5648	
Tissue Freezing Media	VWR	15148-031	
White Frosted/Plus slides	Globe Scientific	1358W	
Zeiss Axio Imager M1 upright widefield fluorescence system			
Zen 2.5 Blue software			