

Materials List for:

Visualization of Chondrocyte Intercalation and Directional Proliferation via Zebrafish Clonal Cell Analysis in the Embryonic Meckel's Cartilage

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URL: <https://www.jove.com/video/52935>

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Materials

Name	Company	Catalog Number	Comments
Pronase	Roche Life Sciences	10165921001	Prepare 500 µl stock aliquots at 50 mg/ml
Methylcellulose	Sigma-Aldrich	M0262	
PTU (N-Phenylthiourea)	Sigma-Aldrich	P7619	
Tricaine	Sigma-Aldrich	E10521	
4-HydroxyTamoxifen	Sigma-Aldrich	T176	
24 x 60 coverslips	Fisher Scientific	12-548-5P	
18 x 18 coverslips	Fisher Scientific	12-540A	
25 x 25 coverslips	Fisher Scientific	12-540C	
pENTR5'-TOPO TA Cloning Kit	Life technologies	K591-20	
pENTR/D-TOPO Cloning Kit	Life Technologies	K2400-20	
pENTR3'-pA	Tol2Kit	302	
pDEST			Gift from Geoffrey Burns labs
Bright field microscope			
Fluorescent microscope			
Confocal microscope			
Image processing software			