

Materials List for:

# Single-cell Photoconversion in Living Intact Zebrafish

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## Materials

Name	Company	Catalog Number	Comments
Tg( <i>sox10:eos</i> ) zebrafish animals			Fish were obtained and crossed from the fish facility at the University of Notre Dame
100 X 15 mm petri dish	VWR	25384-302	
Embryo medium			Embryo medium is made weekly and provided by the fish facility at the University of Notre Dame containing 5L RO water, 30uL methylene blue, and 200mL salt stock.
0.8% Low Melting Point Agarose	dot scientific inc	9012-36-6	
35 X 10 mm glass-coverslip bottom petri dish	Ted Pella Inc.	14021-20	
Needle dissecting probe			
0.002% 3-aminobenzoic acid ester (Tricaine)	Fluka analytical	A5040-250G	
Fluorescent Dissecting Microscope with GFP filters	Zeiss Axiozoom		
Confocal microscope with lasers to excite GFP and RFP filter sets	3i spinning disk confocal		
UV light source (laser) for photoconversion	405 nm laser		
Slidebook software	3i		
Methylene blue	Kordon		