

Materials List for:

# Genotyping and Quantification of In Situ Hybridization Staining in Zebrafish

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## Materials

Name	Company	Catalog Number	Comments
0.2 mL PCR tubes (8-strips with lids)	StarLab	A1402-3700	96-well plates are equally appropriate for sample handling but beware of cross contamination between samples
3 mL Pasteur pipettes	Alpha Laboratories	LW4114	
Cavity slides	Brand	BR475535-50EA	
Digital Camera (Qimaging Micropublisher 5.0)	Qimaging		
Eppendorf Microloader tips	Eppendorf	10289651	the tips are used to orient the embryos for imaging in glycerol
Excel	Microsoft		
F3000 Fiber Optic Cold Light Source	Photonic		
Fiji			
Glycerol	Sigma	G5516-1L	
Graphpad Prism 8.01	GraphPad Software, Inc.		we prefer to use Graphpad, but other statistics software packages are also suitable (e.g. SigmaPlot or SPSS)
HotSHOT alkaline lysis buffer		25 mM NaOH, 0.2 mM disodium EDTA, pH 12	
HotSHOT neutralization buffer		Tris HCl 40 mM, pH 5	
PBS (10X) pH 7.4	Thermofisher	70011044	
Stereomicroscope with illumination stand (Nikon SMZ800N)	Nikon		
Thermocycler	Thermofisher		