

Materials List for

Dissection and Live-Imaging of the Late Embryonic *Drosophila* Gonad

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jove.com/video/61872

Materials

Name	Company	Catalog Number	Comments
Alfa Aesar Tungsten wire	Fisher Scientific	AA10408G6	0.25mm (0.01 in.) dia., 99.95% (metals basis)
<i>D. melanogaster</i> : His2Av::mRFP1	Bloomington Drosophila Stock Center (BDSC)	FBtp0056035	Schuh, Lehner, & Heidmann, Current Biology, 2007
<i>D. melanogaster</i> : nos-lifeact::tdtomato	Gift from Ruth Lehmann Lab		Lin, Luo, & Lehmann, Nature Communications, 2020: nos5'-Lifeact-tdtomato p2a tdkatushka2 Caax nos3'
<i>D. melanogaster</i> : P-Dsrx4-eGFP::Moesin		FBtp0083398	Sano et al., PLoS One, 2012
Diamond-tipped knife			
Double-sided tape	Scotch	665	
Fetal Bovine Serum	GIBCO	10082	
Imaging dish	MatTek	P35GC-1.5-14-C	
Imaging software	Molecular Devices		MetaMorph Microscopy Automation and Image Analysis Software v7.8.4.0
Insulin, bovine	Sigma	I0516	Store aliquots at 4 °C
Needle holder	Fisher Scientific	08-955	
Nytex basket			
Penicillin/streptomycin	Corning	30-002-CI	
Ringer's solution			2 mM MgCl ₂ , 2 mM CaCl ₂ , 130 mM NaCl, 5mM KCl, 36 mM Sucrose, 5mM Hepe's Buffer; adjusted with NaOH until pH of 7.3 is achieved
Schneider's Insect Media	GIBCO	21720-024	