

Materials List for

Analyzing Starvation-Induced Autophagy in the *Drosophila melanogaster* Larval Fat Body

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jove.com/video/64282

Materials

Name	Company	Catalog Number	Comments
1.5 mL microcentrifuge tube	Axygen	MCT-150-C	
#5 Forceps	Dumont	RS-5015	
9 Dressions Spot plate	PYREX	7220-85	
Fluorescence Microscope	Nikon	SMZ1500	
Glycerol	Sangon Biotech	A100854-0100	
KCl	Sangon Biotech	A610440-0500	Composition of 1x PBS solution
KH ₂ PO ₄	Sangon Biotech	A600445-0500	Composition of 1x PBS solution
Laboratory spatula	Fisher	14-375-10	
Long forceps	R' DEER	RST-14	
Microscope cover glass	CITOTEST	80340-1130	
Microscope slides	CITOTEST	80302-2104	
Na ₂ HPO ₄	Sangon Biotech	A501727-0500	Composition of 1x PBS solution
NaCl	Sangon Biotech	A610476-0005	Composition of 1x PBS solution
Paraformaldehyde	Sigma-Aldrich	158127	
Petri dish	Corning	430166	
Standard cornmeal/molasses/agar fly food			Tong Lab-made
Stereo microscope	Nikon	SMZ745	
Sucrose	Sinopharm Chemical Reagent Co.,Ltd.	10021418	
Vectashield antifade mounting medium with DAPI	Vectorlaboratory	H-1200-10	Recommended mounting medium
Fly stocks			
<i>y^w* Iso FRT19A</i>			Tong Lab's fly stocks
<i>y^w* Mu1FRT19A/ FM7,Kr GFP</i>			Tong Lab's fly stocks
<i>y^w* Mu2 FRT19A/ FM7,Kr GFP</i>			Tong Lab's fly stocks

<i>hsFLP ubiRFP FRT19A; cgGal4</i> <i>UAS-GFP-Atg8a</i>			Tong Lab's fly stocks
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