

Materials List for

Monitoring Gut Acidification in the Adult *Drosophila* Intestine

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URL

jove.com/video/63141

Materials

Name	Company	Catalog Number	Comments
Bromophenol blue	Sigma-Aldrich		B0126
cellSens software	Olympus		Image aquisition (https://www.olympus-lifescience.com/en/software/cellsens)
<i>D. simulans</i>	Drosophila Species Stock Center at the University of California		Riverside California1 (https://www.drosophilaspecies.com/)
<i>D. erecta</i>	Drosophila Species Stock Center at the University of California		Dere cy1(https://www.drosophilaspecies.com/)
<i>D. pseudoobscura</i>	Drosophila Species Stock Center at the University of California		Eugene, Oregon(https://www.drosophilaspecies.com/)
<i>D. mojavensis</i>	Drosophila Species Stock Center at the University of California		Chocolate Mountains, California (https://www.drosophilaspecies.com/)
Forceps	Inox Biology		Catalog# 11252-20
Fuji	Fuji		Image processing (https://hpc.nih.gov/apps/Fiji.html)
Glass slide	VWR		Catalog#16005-108
Kim wipes Tissue	Kimtech		
Microscope and camera	Olympus SZ61 microscope equipped with an Olympus D-27 digital camera		Imaging
Oregon R	Bloomington Drosophila Stock		(https://bdsc.indiana.edu/#2376)
Petri dishes	Fisher Scientific		Catalog #FB0875713A
Phosphate-buffered Saline (PBS)	HyClone		Catalog # SH30258.01
Stereomicroscope	Olympus SZ51		Visual magnification