

Materials List for:

Quantitative Analysis of Neuronal Dendritic Arborization Complexity in *Drosophila*

Shanshan Wang¹, Rudolph E. Tanzi¹, Airong Li¹

¹Genetics and Aging Research Unit, Department of Neurology, Massachusetts General Hospital, Mass General Institute of Neurodegenerative Disease

²Department of Geriatric Neurology, Nanlou Clinical Division, PLA General Hospital

Correspondence to: Rudolph E. Tanzi at tanzi@helix.mgh.harvard.edu, Airong Li at ALI3@mgh.harvard.edu

URL: <https://www.jove.com/video/57139>

DOI: [doi:10.3791/57139](https://doi.org/10.3791/57139)

Materials

Name	Company	Catalog Number	Comments
Phosphate buffered saline(PBS)	Gibco Life Sciences	10010-023	
TritonX-100	Fisher Scientific	9002-93-1	
Paraformaldehyde(PFA)	Electron Microscopy Sciences	15714-S	
Sylgard 184 silicone elastomer base and curing agent	Dow Corning Corporation	3097366-0516;3097358-1004	
ProLong Gold Antifade Mountant	Thermo Fisher Scientific	P36931	
Fingernail polish	CVS	72180	
Stereo microscope	Nikon	SMZ800	
Confocal microscope	Nikon	Eclipse Ti-E	
Petri dish	Falcon	353001	
Forceps	Dumont	11255-20	
Scissors	Roboz Surgical Instrument Co	RS-5611	
Insect Pins	Roboz Surgical Instrument Co	RS-6082-25	
Microscope slides and cover slips	Fisher Scientific	15-188-52	