

Materials List for

Measuring Glucose Uptake in *Drosophila* Models of TDP-43 Proteinopathy

Suvithanandhini Loganathan^{*1}, Hannah E. Ball^{*1}, Ernesto Manzo^{1,2}, Daniela C. Zarnescu^{1,3}

¹Department of Molecular and Cellular Biology, University of Arizona, Tucson ²Vollum Institute, Oregon Health and Science University ³Department of Neuroscience, University of Arizona, Tucson

* These authors contributed equally

Corresponding Author

Daniela C. Zarnescu
zarnescu@arizona.edu

Citation

Loganathan, S., Ball, H.E., Manzo, E., Zarnescu, D.C. Measuring Glucose Uptake in *Drosophila* Models of TDP-43 Proteinopathy. *J. Vis. Exp.* (174), e62936, doi:10.3791/62936 (2021).

Date Published

August 3, 2021

DOI

10.3791/62936

URL

jove.com/video/62936

Materials

| Name | Company | Catalog Number | Comments |
|--|--------------------|----------------|----------------------|
| 35 mm tissue culture dishes | Sigma Aldrich | CLS430165 | |
| 40X water immersion lens | Zeiss | 440090 | dippable, N.A. 0.8 |
| dissection scissors | Roboz | RS-5618 | |
| Dumont #5 forceps | VWR | 100189-236 | |
| Dumont #55 forceps | VWR | 100189-244 | |
| Minutien pins | Fine Science tools | 26002-10 | used for dissections |
| SYLGARD 184 Silicone Elastomer Kit | Dow | 1317318 | |
| Zeiss LSM880 NLO upright multiphoton/confocal microscope | Zeiss | N/A | |