

**Materials List for:**

# **Validation of a Mouse Model to Disrupt LINC Complexes in a Cell-specific Manner**

David Razafsky<sup>1</sup>, Chloe Potter<sup>1</sup>, Didier Hodzic<sup>1</sup>

<sup>1</sup>Department of Ophthalmology and Visual Sciences, Washington University in St. Louis School of Medicine

Correspondence to: Didier Hodzic at [hodzicd@vision.wustl.edu](mailto:hodzicd@vision.wustl.edu)

URL: <https://www.jove.com/video/53318>

DOI: [doi:10.3791/53318](https://doi.org/10.3791/53318)

## **Materials**

| <b>Name</b>                   | <b>Company</b>               | <b>Catalog Number</b> | <b>Comments</b>                 |
|-------------------------------|------------------------------|-----------------------|---------------------------------|
| Sucrose                       | Sigma Aldrich                | S0389                 |                                 |
| 10x PBS                       | Gibco                        | 14200-075             |                                 |
| 16% Paraformaldehyde Solution | Electron Microscopy Sciences | 15710                 |                                 |
| OCT Compound                  | Tissue-Tek                   | 4583                  |                                 |
| Adhesion Slides               | StatLab                      | M1000W                |                                 |
| Donkey Serum                  | Sigma Aldrich                | D9663                 |                                 |
| Triton X-100                  | Sigma Aldrich                | T9284                 |                                 |
| ImmuEdge Pen                  | Vector Laboratories          | H-4000                |                                 |
| Anti-Calbindin Antibody       | Sigma Aldrich                | C9848                 |                                 |
| Anti-EGFP Antibody            | Abcam                        | ab13970               |                                 |
| Anti-Nesprin2 Antibody        |                              |                       | Previously described in Ref. 21 |
| Fluorescent Mounting Media    | Dako                         | S3023                 |                                 |
| 2-methyl butane               | Sigma Aldrich                | O3551                 |                                 |