

Materials List for:

Induction and Evaluation of Inbreeding Crosses Using the Ant, *Vollenhovia Emeryi*

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URL: <https://www.jove.com/video/58521>

DOI: [doi:10.3791/58521](https://doi.org/10.3791/58521)

Materials

| Name | Company | Catalog Number | Comments |
|--|--------------------------------|---------------------|--|
| Plaster powder | N/A | N/A | Any brand can be used |
| Charcoal, Activated, Powder | Wako | 033-02117,037-02115 | |
| Slide glass | N/A | N/A | Any brand can be used |
| Dry Cricket diet | N/A | N/A | Any brand can be used |
| Brown shuger | N/A | N/A | Any brand can be used |
| Styrene Square-Shaped Case | AS ONE | Any size | Size varies by number of ants |
| Incubator | | | Any brand can be used |
| Aluminum block bath Dry thermo unit DTU-1B | TAITEC | 0014035-000 | |
| 1.5mL Hyper Microtube, Clear, Round bottom | WATSON | 131-715CS | |
| Ethanol (99.5) | Wako | 054-07225 | |
| Stereoscopic microscope | N/A | N/A | Any brand can be used |
| Forseps | DUMONT | 0108-5-PO | |
| Chelex 100 sodium form | SIGMA | 11139-85-8 | |
| Phosphate Buffer Saline (PBS) Tablets, pH7.4 | TaKaRa | T9181 | |
| Paraformaldehyde | Wako | 162-16065 | |
| -Cellstain- DAPI solution | Dojindo Molecular Technologies | D523 | |
| ABI 3100xl Genetic Analyzer | Applied Biosystems | | Directly contact the constructor formore informations. |
| Confocal laser scanning microscope Leica TCS SP8 | Leica | | Directly contact the constructor formore informations. |
| HC PL APO CS2 20x/0.75 IMM | Leica | | Directly contact the constructor formore informations. |
| HC PL APO CS2 63x/1.20 WATER | Leica | | Directly contact the constructor formore informations. |
| Leica HyDTM | Leica | | Directly contact the constructor formore informations. |
| Leica Application Suite X (LAS X) | Leica | | Directly contact the constructor formore informations. |