

Materials List for:

Long-term, High-resolution Confocal Time Lapse Imaging of *Arabidopsis* Cotyledon Epidermis during Germination

Kylee M. Peterson¹, Keiko U. Torii^{1,2,3}

¹Department of Biology, University of Washington

²Howard Hughes Medical Institute, University of Washington

³PRESTO, Japan Science and Technology Agency

Correspondence to: Keiko U. Torii at ktorii@u.washington.edu

URL: <https://www.jove.com/video/4426>

DOI: [doi:10.3791/4426](https://doi.org/10.3791/4426)

Materials

Name	Company	Catalog Number	Comments
Bacto Agar	BD	214010	
One-chamber slide	Nunc (Thermo Scientific)	155360	Or two-chamber (155379)
Laser scanning confocal microscope	Zeiss	LSM700	Zen 2009 software
20x objective lens	Zeiss	420650-9901	NA 0.8, Plan-APOCHROMAT
Dissecting microscope	Benz (National)	431TBL	Illuminates from below
#5 forceps, biology tip	Roboz Surgical Instrument	RS-4978	Very fine tips are critical