

Materials List for:

A Method for Characterizing Embryogenesis in *Arabidopsis*

Jinlin Feng^{1,2}, Ligeng Ma¹

¹College of Life Sciences, Key Laboratory of Plant Gene Resources and Biotechnology for Carbon Reduction and Environmental Improvement, Capital Normal University

²College of Life Science, Shanxi Normal University

Correspondence to: Ligeng Ma at ligeng.ma@cnu.edu.cn

URL: <https://www.jove.com/video/55969>

DOI: [doi:10.3791/55969](https://doi.org/10.3791/55969)

Materials

Name	Company	Catalog Number	Comments
Chloral Hydrate	Sigma	15307	
Murashige and Skoog Basal Medium	Sigma	M5519	
Phytigel	Sigma	P8169	
Hygromycin	Roche	10843555001	
Growth chamber	Percival	CU36L5	
Fluorescence microscope	Zeiss Oberkochen	Zeiss Image M2	camera: AxioCam 506 color
Confocal Laser Scanning Microscopy	Zeiss Oberkochen	Zeiss LSM 5	filters: BP 495 - 555 nm
Stereoscope	Zeiss Oberkochen	Axio Zoom V16	camera: AxioCam MRc5
nutrient-rich soil	KLASMANN, Germany		
50-mL tube	Corning Inc.		
1.5-mL tube	Corning Inc.		
10% sodium hypochlorite solution			Domestic analytical reagent
sucrose			Domestic analytical reagent
KOH			Domestic analytical reagent
glycerol			Domestic analytical reagent
culture dish			Domestic supplies
vermiculite			Domestic supplies
glass slide			Domestic supplies
syringe needle			Domestic supplies
fine-tipped tweezers			Domestic supplies
super clean bench			Domestic equipment