

Materials List for:

Live Cell Imaging of Microtubule Cytoskeleton and Micromechanical Manipulation of the *Arabidopsis* Shoot Apical Meristem

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URL: <https://www.jove.com/video/60936>

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Materials

Name	Company	Catalog Number	Comments
FibrilTool			Boudaoud, A. <i>et al.</i> , Nat Protoc. 2014
FJI			Schindelin, J. <i>et al.</i> , Nat Methods. 2012
glycine	Merck	1.04201.1000	
Leica SP8 confocal microscope	Leica	DM6000 CS	
MAP4-GFP			Marc, J. <i>et al.</i> , Plant Cell 1998
micropore tape	Leukopor	02482-00	
MorphographX			Strauss, S. <i>et al.</i> , Methods Mol Biol. 2019
myo-inositol	Sigma	I5125	
N6-benzyladenine	Sigma	B3408	
nicotinic acid	Sigma	N4126	
plastic hinged box	Electron microscopy sciences	64312	
PPM (Plant Preservative Mixture)	Plant Cell Technology	PPM	
Propidium iodide	Sigma	P4864	
pyridoxine hydrochloride	Sigma	P9755	
SURFCUT			Erguvan, O. <i>et al.</i> , BMC Biol. 2019
thiamine hydrochloride	Sigma	T4625	