

Materials List for:

# Light Sheet Fluorescence Microscopy of Plant Roots Growing on the Surface of a Gel

Daniel von Wangenheim<sup>1</sup>, Robert Hauschild<sup>2</sup>, Jiří Friml<sup>1</sup>

<sup>1</sup>Developmental and Cell Biology of Plants, Institute of Science and Technology Austria

<sup>2</sup>Bioimaging Facility, Institute of Science and Technology Austria

Correspondence to: Daniel von Wangenheim at [daniel.von.wangenheim@ist.ac.at](mailto:daniel.von.wangenheim@ist.ac.at), Jiří Friml at [jiri.friml@ist.ac.at](mailto:jiri.friml@ist.ac.at)

URL: <http://www.jove.com/video/55044>

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## Materials

Name	Company	Catalog Number	Comments
Agarose, low melting	VWR	AFFY3282125GM	
Black aluminum foil	Thorlabs	BKF12	
Black plastic foil	Carl Roth	HT83.2	
LED blue (453 nm)	OSRAM	LD CN5M-1R1S-35-1	
LED red (625 nm)	OSRAM	LR T66F-ABBB-1-1	
LED board - PCB design software	Cadsoft Eagle		
MES monohydrate	Duchefa	M1503.0100	
Micropore Surgical Tape	3M	1530-1	
Murashige & Skoog Medium (MS-Medium)	Duchefa	M0221	
Phytigel	Sigma-Aldrich	P8169	
Sample holder 3D print	i.materialise	<a href="https://i.materialise.de/shop/item/sampleholder-openspim-zeisslightsheetz1">https://i.materialise.de/shop/item/sampleholder-openspim-zeisslightsheetz1</a>	
Square Petri dishes (245 x 245 x 25 mm)	VWR	734-2179	
Sucrose	Sigma-Aldrich	84097-1KG	