

Materials List for:

Development of Microfluidic Devices to Study the Elongation Capability of Tip-growing Plant Cells in Extremely Small Spaces

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URL: <https://www.jove.com/video/57262>

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Materials

Name	Company	Catalog Number	Comments
PDMS	Dow Corning Co.	Sylgard184	
Murashige & Skoog Medium	Wako Pure Chemical	392-00591	
MES	Dojindo	345-01625	
Sucrose	Wako Pure Chemical	196-00015	
50 mm glass-bottom dish	Matsunami Glass	D210402	
35 mm glass-bottom dish	Iwaki	3971-035	
Surgical blade	Feather	No.11	
biopsy punches	Harris		Uni-Core
Gel loading tips	Bio-Bik	124-R-204	
Inverted Microscope	Olympus	IX83	
CSU-W1	Yokogawa Electric		No Catalog number is available for this customized microscope
MetaMorph imaging software	Molecular Devices		