Materials List for:

An Induction System for Clustered Stomata by Sugar Solution Immersion Treatment in *Arabidopsis thaliana* Seedlings

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Materials

Name	Company	Catalog Number	Comments
24-well plate	Sumitomo Bakelite	MS-0824R	
488 nm laser	Furukawa Denko	HPU-50101-PFS2	
488 nm laser	Olympus	Sapphire488-20/O	
510 nm long-pass filter	Olympus	BA510IF	
524 - 546 nm band-pass filter	Semrock	FF01-535/22-25	
530 nm short-pass filter	Olympus	BA530RIF	
561 nm laser	CVI Melles Griot	85-YCA-025-040	
604 - 644 nm band-pass filter	Semrock	FF01-624/40-25	
Confocal laser scanning head	Yokogawa	CSU10	
Confocal laser scanning head	Olympus	FV300	
Cooled CCD camera	Photometrics	CoolSNAP HQ2	
Image acquisition software	Molecular Devices	MetaMorph version 7.8.2.0	
Image acquisition software	Olympus	FLUOVIEW v5.0	
Immersion oil	Olympus	Immersion Oil Type-F	ne = 1.518 (23 degrees)
Inverted microscope	Olympus	IX-70	
Inverted microscope	Olympus	IX-71	
Murashige and Skoog Plant Salt Mixture	FUJIFILM Wako Pure Chemical Corporation	392-00591	Murashige T and Skoog F (1962) A revised medium for rapid growth and bio assays with tobacco tissue cultures. Physiologia Plantarum 15(3), 473-497.
Objective lens	Olympus	UPlanApo 100x / 1.35 NA Oil Iris 1.35	NA = 1.35
Objective lens	Olympus	UPlanAPO 40x / 0.85 NA	NA = 0.85
Sucrose	FUJIFILM Wako Pure Chemical Corporation	196-00015	

