

Materials List for:

Evaluation of Fertilization State by Tracing Sperm Nuclear Morphology in Arabidopsis Double Fertilization

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Materials

Name	Company	Catalog Number	Comments
BX51	Olympus		Epifluorescence microscope
Cover glass	Matsunami glass	C018181	
<i>DMP9^{KD/HTR10-mRFP}</i>			<i>Arabidopsis thaliana</i> , <i>HTR10-mRFP</i> background Takahashi et al. (2018) ⁶
Double-sided tape	Nichiban	NW-15S	15 mm width
DP72	Olympus		Digital camera
Forceps	Vigor		Any No. 5 forceps are available
Growth chamber	Nihonika	LPH-411PFQDT-SP	
<i>HTR10-mRFP</i>			<i>Arabidopsis thaliana</i> , ecotype Columbia-0 (Col-0) background Ingouff et al. (2007) ⁷
Injection needle	Terumo	NN-2719S	27 gauge
Slide glass	Matsunami glass	S9443	
SZX9	Olympus		Dissecting microscope
U-MRFPHQ	Olympus		Fluorescence Filter Cube (Excitation: BP535-555, Emission: BA570-625, Dichromatic mirror:DM565)
UPlanFL N 40x	Olympus		Objective lens (NA 1.3), oil- immersion
UPlanSApo 20x	Olympus		Objective lens (NA0.75), dry