

Materials List for

# Deep Fluorescence Observation in Rice Shoots via Clearing Technology

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## Materials

Name	Company	Catalog Number	Comments
1.5 mL microcentrifuge tube	BIO-BIK	ST-0150F	
12-multiwell plate	Corning	353043	
50 mL conical tube	Corning	352070	
Calcofluor white solution	Sigma-Aldrich	910090	
ClearSee	FUJIFILM Wako Pure Chemical	031-25151	This can be made or purchased.
Confocal laser microscope	Carl Zeiss	LSM700	
Desiccator	SANPLATEC		Custom made of acrylic. 30 cm (L), 30 cm (W), 14.5 cm (H)
Glass coverslip (18 × 18 No.1)	MATSUNAMI	C018181	
HEPES	FUJIFILM Wako Pure Chemical	342-01375	
Microscope slide (76 × 26)	MATSUNAMI	S2441	
Paraffin film	Bemis	PM-996	
Paraformaldehyde	FUJIFILM Wako Pure Chemical	162-16065	
Sodium deoxycholate	Tokyo Chemical Industry	C0316	
Sucrose	FUJIFILM Wako Pure Chemical	190-00013	
UBQpro::NLS-sGFP-nClover3-mNeonGreen (UBQpro::NGCN)	provided by Dr. Kurihara		
Urea	FUJIFILM Wako Pure Chemical	211-01213	
Vacuum pump	AS One	AS-01	
Vibrating micro-slicer	DOSAKA	DTK-3000	
Xylitol	FUJIFILM Wako Pure Chemical	248-00545	