

Materials List for

# Establishing Pollination Requirements in Japanese Plum by Phenological Monitoring, Hand Pollinations, Fluorescence Microscopy and Molecular Genotyping

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## Citation

Guerrero, B.I., Guerra, M.E., Rodrigo, J. Establishing Pollination Requirements in Japanese Plum by Phenological Monitoring, Hand Pollinations, Fluorescence Microscopy and Molecular Genotyping. *J. Vis. Exp.* (), e61897, doi:10.3791/61897 (2020).

## Date Published

November 9, 2020

## DOI

10.3791/61897

## URL

jove.com/video/61897

## Materials

Name	Company	Catalog Number	Comments
Acetic Acid Glacial	Panreac	131008.1611	
Agar	iNtRON Biotechnology	25999	
Aniline blue	Difco	8504-88	
Boric Acid (H <sub>3</sub> BO <sub>4</sub> )	Panreac	131015.1210	
Calcium Nitrate 4-hydrate (Ca(NO <sub>3</sub> ) <sub>2</sub> ·4H <sub>2</sub> O)	Panreac	131231.1211	
Coverglass	Deltalab	D102460	24 mm x 60 mm
Digital Camera	Imaging Developmet Systems	UI-1490SE	
Digital Camera Software Suite	Imaging Developmet Systems	4.93.0.	
DNA Oligos	ThermoFisher Scientific		
dNTP Mix, 10 mM each	ThermoSischer Scientific	R0193	
DreamTaq Green DNA polymerase	ThermoFisher Scientific	EP0713	
Ethanol 96°	VWR-Chemicals	83804.360	
1Kb DNA Ladder (U.S. Patent No. 4.403.036) (500pb-12Kb)	Invitrogen	15615-016	Size: 250µg; Conc: 1.0 µg/µl
Gel Documentation System	Bio-Rad	1708195	
Hand Counter	Tamaco	TM-4	
Image Lab Software	Bio-Rad		Image Analyse System for Gel Documentation System
MetaPhor Agarose	Lonza	50180	
Microcentrifuge 5415 R	Eppendorf	Z605212	
Microscope with UV epifluorescence	Leica	DM2500	Exciter filter BP340-390, Barrier filter LP425
Microslides	Deltalab	D100004	26 mm x 76 mm
Mini Electrophoresis System	Fisherbrand	14955170	

Minicentrifuge	ThermoFisher Scientific	15334204	
NanoDrop 1000 Spectrophotometer	ThermoFisher Scientific	ND1000	
Petri Dishes	Deltalab	200201	55 mm x 14 mm
Potassium Phosphate Tribasic (K <sub>3</sub> PO <sub>4</sub> ·1.5H <sub>2</sub> O)	Panreac	141513	
Primer forward 'Pru C2'	ThermoFisher Scientific		
Primer forward Pru T2'	ThermoFisher Scientific		
Primer reverse 'PCER'	ThermoFisher Scientific		
RedSafe Nucleic Acid Staining Solution	iNtRON Biotechnology	21141	
Saccharose	Panreac	131621.1211	
Sodium sulphite anhydrous (Na <sub>2</sub> SO <sub>3</sub> )	Panreac	131717.1211	
Speedtools plant DNA extraction Kit	Biotoools	21272	
TBE Buffer (10X)	Panreac	A0972,5000PE	
Thermal Cycler T100	Bio-Rad	1861096	
Thermomixer comfort	Eppendorf	T1317	
Vertical Autoclave Presoclave II	JP Selecta	4001725	
Vortex	Fisherbrand	11746744	