

Materials List for

Laser-Capture Microdissection RNA-Sequencing for Spatial and Temporal Tissue-Specific Gene Expression Analysis in Plants

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jove.com/video/61517

Materials

Name	Company	Catalog Number	Comments
Acetic acid 100 % ACS/R.	AnalaR NORMAPUR (BioStrategies)	VWRC20104.323	
AdhesiveCap 200 opaque	Zeiss	415190-9181-000	
Clear base moulds 8 X 10	Leica	3803015	
Diethyl pyrocarbonate	Sigma-Aldrich	40718-25ML	
High Sensitivity RNA ScreenTape	Agilent	5067-5579	
Lowprofile disp.blades DB80LS	Leica	14035843489	
MembraneSlide 1.0 PEN	Zeiss	415190-9041-000	
MessageAmp II aRNA Amplification Kit	Ambion (ThermoFisher)	AMB17515	
On-Column DNase I Digestion Set	Sigma-Aldrich	DNASE70	
Ovation RNA-Seq System V2	NuGen (Integrated Science)	7102-08	
Paraffin (Surgipath Paraplast)	Leica	39601006	
PicoPure RNA Isolation Kit	ABI (ThermoFisher)	KIT0214	
RNaseZap RNase Decontamination Solution	Ambion (ThermoFisher)	AM9780	
Xylene	AnalaR NORMAPUR (BioStrategies)	VWRC28975.360	
Leica Benchtop Tissue Processor	Leica Biosystems	TP1020	
Leica Heated Paraffin Embedding Module	Leica Biosystems	EG1150H	
Leica Cold Plate	Leica Biosystems	EG1150C	
Safemate Class 2 Biological Safety Cabinets	LAF Technologies Pty Ltd	Safemate 1.5	
Leica Fully Automated Rotary Microtome	Leica Biosystems	RM2265	with PALMRobo v 4.6 software
Zeiss PALM MicroBeam LCM system	Zeiss microscopy		
TapeStation	Agilent	TapeStation 2200	