

Materials List for:

Inducible, Cell Type-Specific Expression in *Arabidopsis thaliana* Through LhGR-Mediated *Trans*-Activation

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URL: <https://www.jove.com/video/59394>

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Materials

Name	Company	Catalog Number	Comments
Ampicillin	Carl Roth GmbH + Co. KG	K029.1	
ATP	Sigma-Aldrich	A9187	
Chloramphenicol	Sigma-Aldrich	C1919	
Column purification	Qiagen	QIAquick PCR Purification Kit (250)	
Culture chamber for imaging	Sarstedt AG & Co. KG	1-well tissue culture chamber, on cover glass II	
Dexamethasone	Sigma-Aldrich	D4903	
DMSO	Fisher Scientific, UK	D139-1	
Eco311	Thermo Fisher Scientific	FD0294	
injection cannula (0.30 x 12 mm, 30 G x 1/2)	Sterican, Braun		
Kanamycin	Carl Roth GmbH + Co. KG	T832.2	
Leica TCS SP5 CLSM, HCX PL APO lambda blue 63x water immersion objective	Leica, Wetzlar, Germany		
MS medium	Duchefa, Haarlem, Netherlands	M0221.0050	
Nikon A1 CLSM, Apo LWD 25x 1.1 NA water immersion objective	Nikon, Minato, Tokyo, Japan		
Petri dish 35/10 mm	Greiner Bio-One GmbH, Germany	627102	
Petri dish 60/150 mm	Greiner Bio-One GmbH, Germany	628102	
Petri dish 120/120/17	Greiner Bio-One GmbH, Germany	688102	
Plant agar	Duchefa, Haarlem, Netherlands	P1001	
Plasmid extraction	Qiagen	QIAprep Spin Miniprep Kit	
Propidium iodide (PI)	Sigma-Aldrich	P4170	
Razorblade	Classic, Wilkinson Sword GmbH	7005115E	
Reaction tubes	Sarstedt AG & Co. KG	72.690.001	
Silwet L-77	Kurt Obermeier GmbH & Co. KG, Bad Berleburg, Germany		
Spectinomycin	AppliChem GmbH	3834.001	
Spectrophotometer	Thermo Fisher Scientific	NanoDrop 2000c	
Sucrose	Carl Roth GmbH + Co. KG	4621.1	
Sulfadiazine	Sigma-Aldrich	S6387	

Tetracycline	AppliChem GmbH	2228.0025	
T4 Ligase 5 U/μl	Thermo Fisher Scientific	EL0011	
T4 Ligase 30 U/μl	Thermo Fisher Scientific	EL0013	