

Materials List for:

Agrobacterium-Mediated Virus-Induced Gene Silencing Assay In Cotton

Xiquan Gao¹, Robert C. Britt Jr.¹, Libo Shan², Ping He¹

¹Department of Biochemistry and Biophysics, Institute of Plant Genomics and Biotechnology, Texas A&M University

²Department of Plant Pathology and Microbiology, Institute of Plant Genomics and Biotechnology, Texas A&M University

Correspondence to: Ping He at Pinghe@tamu.edu

URL: <https://www.jove.com/video/2938>

DOI: [doi:10.3791/2938](https://doi.org/10.3791/2938)

Materials

Name	Company	Catalog Number	Comments
Roller drum	Glas-Col	099A TC-108	Agro-bacterium culture
Incubator	Sheldon Manufacturing, Inc.	01046209	Agro-bacterium culture
UV/Vis spectrophotometer	Beckman Coulter Inc.	Model: DU530	Measuring OD
Gene Pulser	Bio-Rad	Model: 1652076; Serial: 154BR3880	Electroporation
Pulser Controller	Bio-Rad	Model: 1652098; Serial: 232BR4833	Electroporation
Micropulser Electroporation cuvette	Bio-Rad	165-2081	Electroporation
1 ml Syringe	BD Biosciences	30962	Inoculation of agro-bacterium
Metro Mix 700	SUNGR	SKU# 553001	Growing seedling
Terra Cotta pot	T.O.Plastics	GPS 3001B2	Growing seedling
MES monohydrate	USB Corp., Affymetrix	18886	Infiltration buffer
Acetosyringone	Sigma-Aldrich	D134406	Infiltration buffer