

Materials List for

# *In Planta* Gene Expression and Gene Editing in Moso Bamboo Leaves

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jove.com/video/65799

## Materials

Name	Company	Catalog Number	Comments
35S::RUBY	Addgene, United States	160908	Plamid construct
<i>Agrobacterium</i> competent cells of GV3101, EHA105, LBA4404, and AGL1	Biomed, China	BC304-01, BC303-01, BC301-01, and BC302-01	For <i>Agrobacterium</i> infection
CTAB	Sigma-Aldrich, United States	57-09-0	DNA extraction
Imaging-PAM fluorometer	Walz, Effeltrich, Germany		Detect chlorophyll fluorescence of bamboo leaves
ImagingWin	Walz, Effeltrich, Germany		Software for Imaging-PAM fluorometer
<i>Paq</i> CI or <i>Aar</i> I	NEB, United States	R0745S	Incorporate the target sequence onto the CRISPR/Cas9 vector.
PrimeSTAR Max DNA polymerase	Takara, Japan	R045Q	For gene cloning
T4 DNA ligase	NEB, United States	M0202V	Incorporate the target sequence onto the CRISPR/Cas9 vector.