

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

Gma-pCAMBIA-1301-STTM171

RRID:Addgene_84080

Type: Plasmid

Proper Citation

RRID:Addgene_84080

Plasmid Information

URL: <http://www.addgene.org/84080>

Proper Citation: RRID:Addgene_84080

Insert Name: miR171

Organism: Soybean

Bacterial Resistance: Chloramphenicol and Kanamycin

Defining Citation: [PMID:22345490](#)

Vector Backbone Description: Backbone Marker:CAMBIA Company; Backbone Size:11827; Vector Backbone:pCAMBIA-1301; Vector Types:Bacterial Expression, Yeast Expression, Plant Expression; Bacterial Resistance:Chloramphenicol and Kanamycin

Comments: GenBank/Entrez ID of gene: miRBase (MI0007217, MI0007231, MI0016575, MI0017838, MI0017839, MI0017840, MI0017841, MI0017905, MI0017907, MI0018641, MI0018667, MI0018687, MI0019745, MI0019747, MI0019749, MI0019753, MI0019760, MI0019774, MI0019779, MI0019781, MI0019785) This plasmid used to disturb miR171's expression by STTM method invented by Dr. Guiliang Tang's Lab in Michigan Technological University (Plant cell, 2012), Houghton, MI, USA. The method used to construct this plasmid refers to Tang et al., (Methods, 2012) with minor revision. The STTM sequence in this plasmid may contain discrepancies compared to the reference sequence(s). According to the depositing lab, these mutations should not affect plasmid function. For additional published information regarding this plasmid, please see [https://www.cell.com/molecular-plant/pdf/S1674-2052\(18\)30275-2.pdf?_returnURL=https%3A%2F%2Flinkinghub.elsevier.com%2Fretrieve%2Fpii%2FS1674205218](https://www.cell.com/molecular-plant/pdf/S1674-2052(18)30275-2.pdf?_returnURL=https%3A%2F%2Flinkinghub.elsevier.com%2Fretrieve%2Fpii%2FS1674205218)

Plasmid Name: Gma-pCAMBIA-1301-STTM171

Record Creation Time: 20220422T222542+0000

Record Last Update: 20260815T082111+0000

Ratings and Alerts

No rating or validation information has been found for Gma-pCAMBIA-1301-STTM171.

No alerts have been found for Gma-pCAMBIA-1301-STTM171.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.