

# Resource Summary Report

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## 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

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## 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.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.