

# Resource Summary Report

Generated by [dkNET](#) on Aug 25, 2026

## pDGE334

RRID:Addgene\_153243

Type: Plasmid

---

### Proper Citation

RRID:Addgene\_153243

---

### Plasmid Information

**URL:** <http://www.addgene.org/153243>

**Proper Citation:** RRID:Addgene\_153243

**Bacterial Resistance:** Chloramphenicol and Ampicillin

**Defining Citation:** [PMID:33577114](https://pubmed.ncbi.nlm.nih.gov/33577114/)

**Vector Backbone Description:** Backbone Size:2700; Vector Backbone:pUC57-BsaI;  
Vector Types:CRISPR; Bacterial Resistance:Chloramphenicol and Ampicillin

**Comments:** Please visit <https://www.biorxiv.org/content/10.1101/2020.03.31.018671v2>  
for bioRxiv preprint.

**Plasmid Name:** pDGE334

**Record Creation Time:** 20220422T221839+0000

**Record Last Update:** 20260815T080737+0000

---

### Ratings and Alerts

No rating or validation information has been found for pDGE334.

No alerts have been found for pDGE334.

---

### Data and Source Information

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

---

### Usage and Citation Metrics

We found 4 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

Samo N, et al. (2025) Polycomb repressive complex 2 facilitates the transition from heterotrophy to photoautotrophy during seedling emergence. *The Plant cell*, 37(7).

Frankevich TA, et al. (2025) Impact of GAUT1 Gene Knockout on Cell Aggregation in *Arabidopsis thaliana* Suspension Culture. *Biotech (Basel (Switzerland))*, 14(1).

Frankevich TA, et al. (2025) Changes in Cell Aggregation in *Arabidopsis thaliana* Suspension Culture Following Knockout of GAUT Gene Family Members. *Plants (Basel, Switzerland)*, 14(18).

Oberhofer G, et al. (2023) Cleave and Rescue gamete killers create conditions for gene drive in plants. *bioRxiv : the preprint server for biology*.