

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

## pGMGUS

RRID:Addgene\_115678

Type: Plasmid

### Proper Citation

RRID:Addgene\_115678

### Plasmid Information

**URL:** <http://www.addgene.org/115678>

**Proper Citation:** RRID:Addgene\_115678

**Insert Name:** gusA, aac(3)IV, tsr

**Organism:** Streptomyces

**Bacterial Resistance:** Apramycin

**Vector Backbone Description:** Vector Backbone:pSG5; Vector Types:Gene knock out; Bacterial Resistance:Apramycin

**Comments:** Thermosensitive replication ( 37??C) in Streptomyces, Detection of single/double cross over by X-gluc colour reaction , aac(3)IV

**Plasmid Name:** pGMGUS

**Record Creation Time:** 20220422T221606+0000

**Record Last Update:** 20260808T080519+0000

### Ratings and Alerts

No rating or validation information has been found for pGMGUS.

No alerts have been found for pGMGUS.

### Data and Source Information

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

### Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Wang ZC, et al. (2025) A CRISPR-Cas9 system for knock-out and knock-in of high molecular weight DNA enables module-swapping of the pikromycin synthase in its native host. *Microbial cell factories*, 24(1), 125.

Muth G, et al. (2018) The pSG5-based thermosensitive vector family for genome editing and gene expression in actinomycetes. *Applied microbiology and biotechnology*, 102(21), 9067.