

# Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

## pGM190

RRID:Addgene\_69614

Type: Plasmid

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### Proper Citation

RRID:Addgene\_69614

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### Plasmid Information

**URL:** <http://www.addgene.org/69614>

**Proper Citation:** RRID:Addgene\_69614

**Insert Name:** aphII

**Organism:** Transposon Tn5

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:16776656](#)

**Vector Backbone Description:** Backbone Size:2140; Vector Backbone:pSG5; Vector Types:Bacterial Expression, Streptomyces- E. coli shuttle vector; Bacterial Resistance:Kanamycin

**Comments:** Stable replicating, multi copy shuttle vector for thiostrepton induced gene expression in Streptomyces temperature sensitive replication (G. Muth, B. Nußbaumer, W. Wohlleben and A. Pühler (1989) A vector system with temperature-sensitive replication for gene disruption and mutational cloning in streptomycetes. Mol. Gen. Genet. 219, 341-348 ) <http://www.uni-tuebingen.de/en/faculties/faculty-of-science/departments/inter-faculty-institutes-and-centres/imit/units/mikrobiologiebiotechnologie/work-groups/muth/plasmids.html>

**Plasmid Name:** pGM190

**Record Creation Time:** 20220422T222431+0000

**Record Last Update:** 20260902T050022+0000

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### Ratings and Alerts

No rating or validation information has been found for pGM190.

No alerts have been found for pGM190.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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.