

Resource Summary Report

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

[pGM190](#)

RRID:Addgene_69614

Type: Plasmid

Proper Citation

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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: 20260815T081853+0000

Ratings and Alerts

No rating or validation information has been found for pGM190.

No alerts have been found for pGM190.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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.