

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

pGRG25

RRID:Addgene_16665

Type: Plasmid

Proper Citation

RRID:Addgene_16665

Plasmid Information

URL: <http://www.addgene.org/16665>

Proper Citation: RRID:Addgene_16665

Insert Name: mTn7::MCS

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16646962](#)

Vector Backbone Description: Backbone Size:12546; Vector Backbone:pGRG25;
Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Grow at 32'C. Same as pGRG36 except for the MCS. See author's protocol for more information. This plasmid is designed to insert DNA into the chromosome of Enterobacteria in a manner that doesn't require a drug resistance marker. This plasmid uses the site-specific recombination machinery of the bacterial transposon Tn7. The backbone of the plasmid is the easily curable temperature sensitive mutant of pSC101.

Plasmid Name: pGRG25

Record Creation Time: 20220422T221937+0000

Record Last Update: 20260815T080936+0000

Ratings and Alerts

No rating or validation information has been found for pGRG25.

No alerts have been found for pGRG25.

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 [NIF](#) .

Gregor C, et al. (2022) Generation of bright autoluminescent bacteria by chromosomal integration of the improved lux operon ilux2. Scientific reports, 12(1), 19039.

Tadala L, et al. (2022) Infection-induced membrane ruffling initiates danger and immune signaling via the mechanosensor PIEZO1. Cell reports, 40(6), 111173.