

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

[pJ251-GERC](#)

RRID:Addgene_47441

Type: Plasmid

Proper Citation

RRID:Addgene_47441

Plasmid Information

URL: <http://www.addgene.org/47441>

Proper Citation: RRID:Addgene_47441

Insert Name: Gene Expression Reporter Construct

Organism: Synthetic

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Marker:DNA2.0; Backbone Size:2628; Vector Backbone:pJ251; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pJ251-GERC

Record Creation Time: 20220422T222244+0000

Record Last Update: 20260815T081541+0000

Ratings and Alerts

No rating or validation information has been found for pJ251-GERC.

No alerts have been found for pJ251-GERC.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Will WR, et al. (2025) The MarR family transcription factor SlyA senses iron and respiratory status in enteric bacteria. *mBio*, 16(10), e0139625.

Liu Y, et al. (2019) A Regulatory NADH/NAD⁺ Redox Biosensor for Bacteria. *ACS synthetic biology*, 8(2), 264.

Liu X, et al. (2019) De novo design of programmable inducible promoters. *Nucleic acids research*, 47(19), 10452.

Yan Q, et al. (2017) Study of in vitro transcriptional binding effects and noise using constitutive promoters combined with UP element sequences in *Escherichia coli*. *Journal of biological engineering*, 11, 33.

Madison AC, et al. (2017) Scalable Device for Automated Microbial Electroporation in a Digital Microfluidic Platform. *ACS synthetic biology*, 6(9), 1701.

Rugbjerg P, et al. (2015) Recombination-stable multimeric green fluorescent protein for characterization of weak promoter outputs in *Saccharomyces cerevisiae*. *FEMS yeast research*, 15(8).

Kosuri S, et al. (2013) Composability of regulatory sequences controlling transcription and translation in *Escherichia coli*. *Proceedings of the National Academy of Sciences of the United States of America*, 110(34), 14024.

Goodman DB, et al. (2013) Causes and effects of N-terminal codon bias in bacterial genes. *Science (New York, N.Y.)*, 342(6157), 475.