

Resource Summary Report

Generated by T1D on Sep 20, 2026

pEC3104 (pSpy1C-PgyrA(Sag)_ermBL-ermB'~ffluc)

RRID:Addgene_218513

Type: Plasmid

Proper Citation

RRID:Addgene_218513

Plasmid Information

URL: <http://www.addgene.org/218513>

Proper Citation: RRID:Addgene_218513

Insert Name: ffluc

Organism: Photinus pyralis

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:38911550](https://pubmed.ncbi.nlm.nih.gov/38911550/)

Vector Backbone Description: Vector Backbone:pSpy1C; Vector Types:Bacterial Expression, Luciferase; Bacterial Resistance:Chloramphenicol

Comments: This high-copy replicative shuttle plasmid features an erythromycin-inducible riboswitch driving expression of the Firefly luciferase in the presence of erythromycin. Luminescence can be detected by adding luciferin to the culture. See associated publication for more details. Resource Information: The erythromycin-inducible riboswitch was taken from pLZ12Km2-TA:PgyrA(Sag)-ermBL-ermB':A2l:ffluc-tt3, which was used in the following publication: Dynamics of diversified A-to-I editing in Streptococcus pyogenes is governed by changes in mRNA stability Thomas F. Wulff, Karin Hahnke, Anne-Laure L??crivain, Katja Schmidt, Rina Ahmed-Begrich, Knut Finstermeier, Emmanuelle Charpentier bioRxiv 2023.09.19.555891; doi: <https://doi.org/10.1101/2023.09.19.555891> The ffluc reporter gene was taken from the original pLZ12Km2-P23R:TA:ffluc plasmid (Plasmid #88900). Please download the detailed plasmid map using the file linked below

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Relevant Mutation: deletion of the Plac_mrfp cassette

Record Creation Time: 20240905T081129+0000

Record Last Update: 20260919T093411+0000

Ratings and Alerts

No rating or validation information has been found for pEC3104 (pSpy1C-PgyrA(Sag)_ermBL-ermB'~ffluc).

No alerts have been found for pEC3104 (pSpy1C-PgyrA(Sag)_ermBL-ermB'~ffluc).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.