Resource Summary Report

Generated by NIF on Sep 1, 2026

pYTK047

RRID:Addgene_65154
Type: Plasmid

Proper Citation

RRID:Addgene_65154

Plasmid Information

URL: http://www.addgene.org/65154

Proper Citation: RRID:Addgene_65154

Insert Name: GFP dropout

Organism: Synthetic

Bacterial Resistance: Chloramphenicol

Defining Citation: PMID:25871405

Vector Backbone Description: Vector Backbone:pYTK001; Vector Types:Bacterial Expression; Bacterial Resistance:Chloramphenicol

Comments: Type 234r is used for the construction of dropout vectors. This plasmid encodes for a fluorescent dropout. For more information, please visit the supplemental information in PMID:25871405.

Plasmid Name: pYTK047

Record Creation Time: 20220422T222411+0000

Record Last Update: 20260829T080856+0000

Ratings and Alerts

No rating or validation information has been found for pYTK047.

No alerts have been found for pYTK047.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Leonard AC, et al. (2026) Computational design of dynamic biosensors for emerging synthetic opioids. Nature communications, 17(1), 1234.

Baranova MN, et al. (2021) Live Biosensors for Ultrahigh-Throughput Screening of Antimicrobial Activity against Gram-Negative Bacteria. Antibiotics (Basel, Switzerland), 10(10).

Randazzo P, et al. (2021) gEL DNA: A Cloning- and Polymerase Chain Reaction-Free Method for CRISPR-Based Multiplexed Genome Editing. The CRISPR journal, 4(6), 896.