Resource Summary Report

Generated by RRID on Aug 18, 2026

pET-PesaRlux

RRID:Addgene_47802
Type: Plasmid

Proper Citation

RRID:Addgene_47802

Plasmid Information

URL: http://www.addgene.org/47802

Proper Citation: RRID:Addgene_47802

Insert Name: PesaR-luxCDABE-term

Bacterial Resistance: Ampicillin

Defining Citation: PMID:23879176

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:2934; Vector Backbone:pET-17b; Vector Types:Bacterial Expression, Synthetic Biology; Bacterial Resistance:Ampicillin

Comments: PesaR-luxCDABE-transcriptional terminator fragment from pCS-PesaRlux is between XhoI and BglII sites in pET17b. PesaR (274bp, indicated as lowercase letters in the 2nd partial sequence for PesaR between XhoI and BamHI) is located between XhoI and BamHI sites. luxCDABE is located between two NotI sites. The transcriptional terminator is located downstream of luxCDABE between the second NotI and BglII. Sequencing primers provided were used to sequence PesaR.

Plasmid Name: pET-PesaRlux

Record Creation Time: 20220422T222246+0000

Record Last Update: 20260815T081544+0000

Ratings and Alerts

No rating or validation information has been found for pET-PesaRlux.

No alerts have been found for pET-PesaRlux.

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 .

Baniulyte G, et al. (2025) A bacterial regulatory uORF senses multiple classes of ribosome-targeting antibiotics. eLife, 13.