

# Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

## [pQdCas12a.luxR\(mut\)-sggfp\(B\)](#)

RRID:Addgene\_236041

Type: Plasmid

### Proper Citation

RRID:Addgene\_236041

### Plasmid Information

**URL:** <http://www.addgene.org/236041>

**Proper Citation:** RRID:Addgene\_236041

**Insert Name:** quorum sensing cassette luxI, mutated luxR, and the LuxR-dependent promoter pLuxI , dCas12a and sgRNA design (B) of gfp gene

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:41021780](#)

**Vector Backbone Description:** Backbone Size:3876; Vector Backbone:pBBRMCS2; Vector Types:CRISPR; Bacterial Resistance:Kanamycin

**Plasmid Name:** pQdCas12a.luxR(mut)-sggfp(B)

**Record Creation Time:** 20250430T052849+0000

**Record Last Update:** 20260912T094333+0000

### Ratings and Alerts

No rating or validation information has been found for pQdCas12a.luxR(mut)-sggfp(B).

No alerts have been found for pQdCas12a.luxR(mut)-sggfp(B).

### Data and Source Information

**Source:** [Addgene](#)

### Usage and Citation Metrics

We have not found any literature mentions for this resource.