

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pLCHKO_GFP_Luciferase

RRID:Addgene_155079

Type: Plasmid

Proper Citation

RRID:Addgene_155079

Plasmid Information

URL: <http://www.addgene.org/155079>

Proper Citation: RRID:Addgene_155079

Insert Name: (hg)RNA targeting GFP and Luciferase using SpCas9 and LbCas12a nucleases

Organism: other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32249828](#)

Vector Backbone Description: Backbone Size:7481; Vector Backbone:pLCHKO; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Comments: U6-driven hgRNA cassette encoded on anti-sense strand. The PuroR cassette contains a R246C mismatch compared to the reference sequence. The depositing lab does not believe this to be of concern but the activity of PuroR should be functionally validated prior to use.

Plasmid Name: pLCHKO_GFP_Luciferase

Record Creation Time: 20220422T221849+0000

Record Last Update: 20260815T080758+0000

Ratings and Alerts

No rating or validation information has been found for pLCHKO_GFP_Luciferase.

No alerts have been found for pLCHKO_GFP_Luciferase.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.