

Resource Summary Report

Generated by [dkNET](#) on Sep 18, 2026

[pLCHKOv4](#)

RRID:Addgene_237451

Type: Plasmid

Proper Citation

RRID:Addgene_237451

Plasmid Information

URL: <http://www.addgene.org/237451>

Proper Citation: RRID:Addgene_237451

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:41633991](#)

Vector Backbone Description: Backbone Marker:Thomas Gonatopoulos-Pournatzis (Addgene plasmid # 209025); Vector Backbone:pLCHKOv3; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Comments: Guide expression cassettes contain 10x Genomics capture sequence 2 (CS2), tevopreQ1 riboswitch, and Bvel cloning sites.

Plasmid Name: pLCHKOv4

Record Creation Time: 20260114T090609+0000

Record Last Update: 20260912T094536+0000

Ratings and Alerts

No rating or validation information has been found for pLCHKOv4.

No alerts have been found for pLCHKOv4.

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 [dkNET](#) .

Kumari B, et al. (2026) Single-cell exon deletion profiling reveals splicing events that shape gene expression and cell state dynamics. Nature communications, 17(1), 1218.