

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pCJH027_SC101_pLAC_LbCas12a_Kan

RRID:Addgene_183074

Type: Plasmid

Proper Citation

RRID:Addgene_183074

Plasmid Information

URL: <http://www.addgene.org/183074>

Proper Citation: RRID:Addgene_183074

Insert Name: LbCas12a

Organism: Lachnospiraceae bacterium

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:35659325](#)

Vector Backbone Description: Vector Backbone:pSC101 ori; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: The sequence of LbCas12a was from Addgene plasmid # 113431 ; <http://n2t.net/addgene:113431> ; RRID:Addgene_113431

Plasmid Name: pCJH027_SC101_pLAC_LbCas12a_Kan

Relevant Mutation: Wild-type

Record Creation Time: 20220604T080219+0000

Record Last Update: 20260725T075435+0000

Ratings and Alerts

No rating or validation information has been found for pCJH027_SC101_pLAC_LbCas12a_Kan.

No alerts have been found for pCJH027_SC101_pLAC_LbCas12a_Kan.

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 [NIF](#) .

Lee CK, et al. (2025) Precision targeting of genetic variations in mixed bacterial cultures using CRISPR-Cas12a-programmed ?? phages. Frontiers in microbiology, 16, 1575339.