

Resource Summary Report

Generated by [kravitz2](#) on Aug 23, 2026

Kllac

RRID:Addgene_52696

Type: Plasmid

Proper Citation

RRID:Addgene_52696

Plasmid Information

URL: <http://www.addgene.org/52696>

Proper Citation: RRID:Addgene_52696

Insert Name: Kllac strain

Bacterial Resistance: None

Defining Citation: [PMID:22605776](#)

Vector Backbone Description: Vector Backbone:n/a; Vector Types:; Bacterial Resistance:None

Comments: Kllac refers to the knock-in of the wild-type operon into the attTn7 locus; this strain was used as the reference strain for all analyses. We constructed all knock-in strains using the approach of McKenzie and Craig. The knock-in contained the entire lac operon starting 75bp upstream of lacI and ending 100bp downstream of lacA. The ??ZYA strain was transformed with pGRG37. The plasmid carried both the lac operon and the transposon genes tnsABCD, which allow for a site-specific insertion at attTn7.

Plasmid Name: Kllac

Record Creation Time: 20220422T222309+0000

Record Last Update: 20260815T081625+0000

Ratings and Alerts

No rating or validation information has been found for Kllac.

No alerts have been found for Kllac.

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 [kravitz2](#) .

Silpe JE, et al. (2022) The bacterial toxin colibactin triggers prophage induction. Nature, 603(7900), 315.