

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pUC57kan-T7-mt-gRNA library

RRID:Addgene_82480

Type: Plasmid

Proper Citation

RRID:Addgene_82480

Plasmid Information

URL: <http://www.addgene.org/82480>

Proper Citation: RRID:Addgene_82480

Insert Name: 395 sgRNAs targeting mouse mitochondrial DNA

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:27309802](#)

Vector Backbone Description: Vector Backbone:pUC57kan-T7-gRNA; Vector Types;;
Bacterial Resistance:Kanamycin

Plasmid Name: pUC57kan-T7-mt-gRNA library

Record Creation Time: 20220422T222535+0000

Record Last Update: 20260815T082056+0000

Ratings and Alerts

No rating or validation information has been found for pUC57kan-T7-mt-gRNA library.

No alerts have been found for pUC57kan-T7-mt-gRNA library.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Chen L, et al. (2023) Multiomics Analyses Reveal Sex Differences in Mouse Renal Proximal Subsegments. Journal of the American Society of Nephrology : JASN, 34(5), 829.

Kadur Lakshminarasimha Murthy P, et al. (2022) Epigenetic basis of oncogenic-Kras-mediated epithelial-cellular proliferation and plasticity. Developmental cell, 57(3), 310.