

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

Mouse Toronto KnockOut (mTKO) CRISPR Library - pLCKO2

RRID:Addgene_159393

Type: Plasmid

Proper Citation

RRID:Addgene_159393

Plasmid Information

URL: <http://www.addgene.org/159393>

Proper Citation: RRID:Addgene_159393

Insert Name: gRNA library targeting mouse genes

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32968282](#)

Vector Backbone Description: Backbone Marker:Jason Moffat; Vector Backbone:pLCKO2; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: Mouse Toronto KnockOut (mTKO) CRISPR Library - pLCKO2

Record Creation Time: 20220422T221902+0000

Record Last Update: 20260725T074107+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Toronto KnockOut (mTKO) CRISPR Library - pLCKO2.

No alerts have been found for Mouse Toronto KnockOut (mTKO) CRISPR Library - pLCKO2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

DeCarlo A, et al. (2025) Targeting synthetic lethality between non-homologous end joining and radiation in very-high-risk medulloblastoma. Cell reports. Medicine, 6(7), 102202.

Granda Farias A, et al. (2025) Phenotypic screens for SIRPA expression reveal RAB21 as a general regulator of macrophage surface identity. Cell reports, 44(7), 115921.

Yang W, et al. (2025) Impaired mitochondrial metabolism is a critical cancer vulnerability for MYC inhibitors. Science advances, 11(29), eadw5228.

Feng Y, et al. (2021) FAM72A antagonizes UNG2 to promote mutagenic repair during antibody maturation. Nature, 600(7888), 324.