

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

pMK364 (CMV-OsTIR1-loxP-PURO-loxP)

RRID:Addgene_121184

Type: Plasmid

Proper Citation

RRID:Addgene_121184

Plasmid Information

URL: <http://www.addgene.org/121184>

Proper Citation: RRID:Addgene_121184

Insert Name: CMV-OsTIR1-loxP-PURO-loxP

Organism: Synthetic

Bacterial Resistance: Ampicillin and Kanamycin

Defining Citation: [PMID:31026591](#)

Vector Backbone Description: Vector Backbone:pBluescript; Vector Types:CRISPR;
Bacterial Resistance:Ampicillin and Kanamycin

Comments: This plasmid is a variant of Addgene plasmid 72834.

Plasmid Name: pMK364 (CMV-OsTIR1-loxP-PURO-loxP)

Relevant Mutation: OsTIR1 codon optimized for human cells

Record Creation Time: 20220422T221634+0000

Record Last Update: 20260815T080331+0000

Ratings and Alerts

No rating or validation information has been found for pMK364 (CMV-OsTIR1-loxP-PURO-loxP).

No alerts have been found for pMK364 (CMV-OsTIR1-loxP-PURO-loxP).

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 [RRID](#) .

Pujadas Liwag EM, et al. (2024) Depletion of lamins B1 and B2 promotes chromatin mobility and induces differential gene expression by a mesoscale-motion-dependent mechanism. Genome biology, 25(1), 77.