

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pCMMP-MCS-IRES-mRFP

RRID:Addgene_36972

Type: Plasmid

Proper Citation

RRID:Addgene_36972

Plasmid Information

URL: <http://www.addgene.org/36972>

Proper Citation: RRID:Addgene_36972

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22318153](#)

Vector Backbone Description: Backbone Marker:Addgene plasmid #36953; Backbone Size:7052; Vector Backbone:pCMMP-MCS-IRES-eGFP; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: Sugden lab plasmid p3313 Addgene's sequencing results differ from the full plasmid sequence provided by the depositing by a single nucleotide insertion between bp# 2412&2413 and a four nucleotide deletion of bp #2493-2496. These differences are in IRES and the depositing laboratory verified the IRES is functional.

Plasmid Name: pCMMP-MCS-IRES-mRFP

Record Creation Time: 20220422T222156+0000

Record Last Update: 20260815T081412+0000

Ratings and Alerts

No rating or validation information has been found for pCMMP-MCS-IRES-mRFP.

No alerts have been found for pCMMP-MCS-IRES-mRFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Le BV, et al. (2026) Pol?? activity modulates sensitivity to standard therapies in DNMT3A-deficient leukemia. Cell reports. Medicine, 7(3), 102687.

Sakahara M, et al. (2024) Paneth-like cells produced from OLFM4+ stem cells support OLFM4+ stem cell growth in advanced colorectal cancer. Communications biology, 7(1), 27.

Broz MT, et al. (2024) Metabolic targeting of cancer associated fibroblasts overcomes T-cell exclusion and chemoresistance in soft-tissue sarcomas. Nature communications, 15(1), 2498.

Le BV, et al. (2024) DNA polymerase theta-mediated DNA repair is a functional dependency and therapeutic vulnerability in DNMT3A deficient leukemia cells. bioRxiv : the preprint server for biology.

Tessaro FHG, et al. (2022) Single-cell RNA-seq of a soft-tissue sarcoma model reveals the critical role of tumor-expressed MIF in shaping macrophage heterogeneity. Cell reports, 39(12), 110977.

Piras R, et al. (2022) circCsnk1g3- and circAnkib1-regulated interferon responses in sarcoma promote tumorigenesis by shaping the immune microenvironment. Nature communications, 13(1), 7243.