

Resource Summary Report

Generated by [RRID](#) on Sep 3, 2026

[pLJM1-Empty](#)

RRID:Addgene_91980

Type: Plasmid

Proper Citation

RRID:Addgene_91980

Plasmid Information

URL: <http://www.addgene.org/91980>

Proper Citation: RRID:Addgene_91980

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28114302](#)

Vector Backbone Description: Backbone Marker:David Sabatini Lab (Addgene #19319); Vector Backbone:pLJM1; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLJM1-Empty

Record Creation Time: 20220422T222622+0000

Record Last Update: 20260902T050523+0000

Ratings and Alerts

No rating or validation information has been found for pLJM1-Empty.

No alerts have been found for pLJM1-Empty.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Llorente A, et al. (2026) A proximity-labeling map of PI5P4K phosphoinositide kinases interaction networks. *The Journal of biological chemistry*, 302(6), 113071.

Murchison AK, et al. (2026) Mitochondrial degradation of metallothionein enables local zinc mobilization during zinc limitation. *bioRxiv : the preprint server for biology*.

Wang L, et al. (2026) DUSP22 dephosphorylates LGALS1 to enhance T cell-driven antitumor immunity. *Journal for immunotherapy of cancer*, 14(1).

Zhou YD, et al. (2026) Tissue-specific tolerance mechanisms and lymph node co-drainage shape T cell immunity in the upper digestive system and pancreatic cancer progression. *Cell reports*, 45(5), 117324.

Bai X, et al. (2025) CBX3 promotes multidrug resistance by suppressing ferroptosis in colorectal carcinoma via the CUL3/NRF2/GPX2 axis. *Oncogene*, 44(22), 1678.

Kimura H, et al. (2025) Functional characterization of all CDKN2A missense variants and comparison to in silico models of pathogenicity. *eLife*, 13.

Sheehan C, et al. (2025) Tumor nutrient stress gives rise to a drug tolerant cell state in pancreatic cancer. *bioRxiv : the preprint server for biology*.

Zhou YD, et al. (2025) T cell fate is dictated by different antigen presenting cells in response to dietary versus gut epithelial self-antigen. *bioRxiv : the preprint server for biology*.

Thorkelsson A, et al. (2025) Hypertrophic Cardiomyopathy-Associated CRYABR123W Activates Calcineurin, Reduces Calcium Sequestration, and Alters the CRYAB Interactome and the Proteomic Response to Pathological Hypertrophy. *International journal of molecular sciences*, 26(6).

Jing Y, et al. (2025) Lysine-arginine imbalance overcomes therapeutic tolerance governed by the transcription factor E3-lysosome axis in glioblastoma. *Nature communications*, 16(1), 2876.

Zhou YD, et al. (2025) Tissue-specific tolerance mechanisms and lymph node co-drainage converge to shape T cell immunity in the upper digestive system and regulate pancreatic cancer progression. *bioRxiv : the preprint server for biology*.

Williams JK, et al. (2025) Calpains orchestrate secretion of annexin-containing microvesicles during membrane repair. *The Journal of cell biology*, 224(7).

Kim JE, et al. (2024) Glucose-mediated mitochondrial reprogramming by cholesterol export at TM4SF5-enriched mitochondria-lysosome contact sites. *Cancer communications (London, England)*, 44(1), 47.

Wang J, et al. (2024) CG-SLENP: A Chemical Genetics Strategy To Selectively Label Existing Proteins and Newly Synthesized Proteins. *JACS Au*, 4(8), 3146.

Kimura H, et al. (2024) Functional characterization of all CDKN2A missense variants and comparison to in silico models of pathogenicity. *bioRxiv : the preprint server for biology*.

Levy T, et al. (2024) mTORC1 regulates cell survival under glucose starvation through 4EBP1/2-mediated translational reprogramming of fatty acid metabolism. *Nature communications*, 15(1), 4083.

Adjibade P, et al. (2024) The RNA Demethylases ALKBH5 and FTO Regulate the Translation of ATF4 mRNA in Sorafenib-Treated Hepatocarcinoma Cells. *Biomolecules*, 14(8).

Sanchez JC, et al. (2024) PTEN loss in glioma cell lines leads to increased extracellular vesicles biogenesis and PD-L1 cargo in a PI3K-dependent manner. *bioRxiv : the preprint server for biology*.

Singh C, et al. (2024) ChREBP is activated by reductive stress and mediates GCKR-associated metabolic traits. *Cell metabolism*, 36(1), 144.

Valenzuela-Valderas KN, et al. (2023) RACK1 promotes *Shigella flexneri* actin-mediated invasion, motility, and cell-to-cell spreading. *iScience*, 26(11), 108216.