

Resource Summary Report

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

pMXs GFP-LC3-RFP

RRID:Addgene_117413

Type: Plasmid

Proper Citation

RRID:Addgene_117413

Plasmid Information

URL: <http://www.addgene.org/117413>

Proper Citation: RRID:Addgene_117413

Insert Name: microtubule-associated protein 1 light chain 3 beta

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30093494](#)

Vector Backbone Description: Backbone Marker:Dr. Toshio Kitamura of the University of Tokyo; Backbone Size:5847; Vector Backbone:pMXs-IP; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pMXs GFP-LC3-RFP

Record Creation Time: 20220422T221615+0000

Record Last Update: 20260815T080253+0000

Ratings and Alerts

No rating or validation information has been found for pMXs GFP-LC3-RFP.

No alerts have been found for pMXs GFP-LC3-RFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Assi M, et al. (2026) Extracellular matrix sensing regulates intratumoral heterogeneity of autophagic flux. *Cell*, 189(6), 1731.

Glassman CR, et al. (2026) Virome-wide ubiquitin ligase discovery reveals diverse mechanisms of immune evasion. *Science (New York, N.Y.)*.

Zhang S, et al. (2025) Integrated thermal proteome and thermal proximity co-aggregation profiling identifies ATP6V1C1 as a novel anti-cancer drug target. *International journal of biological sciences*, 21(7), 3197.

Guerrero-Vargas JM, et al. (2025) Evaluation of the PP6D5 Polymer as a Novel Non-Viral Vector in the Development of a CRISPR/nCas9-Based Gene Therapy for Tay-Sachs Disease. *Pharmaceutics*, 17(5).

Booth MR, et al. (2024) GZ17-6.02 interacts with bexarotene to kill mycosis fungoides cells. *Oncotarget*, 15, 124.

Xue R, et al. (2023) Protective effect of ethyl ferulate against hypoxic injury in retinal cells and retinal neovascularization in an oxygen-induced retinopathy model. *Phytomedicine : international journal of phytotherapy and phytopharmacology*, 121, 155097.

Paul S, et al. (2023) Staufen Impairs Autophagy in Neurodegeneration. *Annals of neurology*, 93(2), 398.

Campos-Bi??zquez JP, et al. (2023) Ouabain promotes claudin-1, -2, and -4 autophagic degradation through oxidative stress and AMPK activation in MDCK cells. *Autophagy reports*, 2(1), 2256146.

Xiao W, et al. (2022) Therapeutic targeting of the USP2-E2F4 axis inhibits autophagic machinery essential for zinc homeostasis in cancer progression. *Autophagy*, 18(11), 2615.

Deng J, et al. (2021) ULK1 inhibition overcomes compromised antigen presentation and restores antitumor immunity in LKB1 mutant lung cancer. *Nature cancer*, 2(5), 503.

Yamamoto K, et al. (2020) Autophagy promotes immune evasion of pancreatic cancer by degrading MHC-I. *Nature*, 581(7806), 100.

Zhuang XX, et al. (2020) Pharmacological enhancement of TFEB-mediated autophagy alleviated neuronal death in oxidative stress-induced Parkinson's disease models. *Cell death & disease*, 11(2), 128.