

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

pMXs-IP-EGFP-mAtg5

RRID:Addgene_38196

Type: Plasmid

Proper Citation

RRID:Addgene_38196

Plasmid Information

URL: <http://www.addgene.org/38196>

Proper Citation: RRID:Addgene_38196

Insert Name: autophagy related genes 5

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18443221](#)

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-IP-EGFP-mAtg5

Record Creation Time: 20220422T222201+0000

Record Last Update: 20260815T081420+0000

Ratings and Alerts

No rating or validation information has been found for pMXs-IP-EGFP-mAtg5.

No alerts have been found for pMXs-IP-EGFP-mAtg5.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Martin KR, et al. (2026) Quantitative and temporal analysis of autophagy: Differential Response to amino acid and glucose starvation. PloS one, 21(2), e0340957.

Martin KR, et al. (2023) Quantitative Analysis of Autophagy in Single Cells: Differential Response to Amino Acid and Glucose Starvation. bioRxiv : the preprint server for biology.

Kataura T, et al. (2022) Autophagy promotes cell survival by maintaining NAD levels. Developmental cell, 57(22), 2584.

Wang L, et al. (2020) Down-regulation of Beclin1 promotes direct cardiac reprogramming. Science translational medicine, 12(566).

Takahashi Y, et al. (2018) An autophagy assay reveals the ESCRT-III component CHMP2A as a regulator of phagophore closure. Nature communications, 9(1), 2855.