Resource Summary Report

Generated by RRID on Aug 25, 2026

pQCXI Puro DsRed-LC3-GFP

RRID:Addgene_31182
Type: Plasmid

Proper Citation

RRID:Addgene_31182

Plasmid Information

URL: http://www.addgene.org/31182

Proper Citation: RRID:Addgene_31182

Insert Name: DsRed-LC3-GFP

Bacterial Resistance: Ampicillin

Defining Citation: PMID:21575862

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:7100; Vector Backbone:pQCXIP; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: DsRed-LC3-GFP autophagy reporter plasmid. The LC3 gene is from rat.

Plasmid Name: pQCXI Puro DsRed-LC3-GFP

Record Creation Time: 20220422T222135+0000

Record Last Update: 20260815T081332+0000

Ratings and Alerts

No rating or validation information has been found for pQCXI Puro DsRed-LC3-GFP.

No alerts have been found for pQCXI Puro DsRed-LC3-GFP.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Park JE, et al. (2025) Attenuated Nuclear Tension Regulates Progerin-Induced Mechanosensitive Nuclear Wrinkling and Chromatin Remodeling. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(31), e2502375.

Choi YJ, et al. (2023) Investigation of Molecular Mechanisms Involved in Sensitivity to the Anti-Cancer Activity of Costunolide in Breast Cancer Cells. International journal of molecular sciences, 24(4).

Liu Y, et al. (2022) mTOR inhibition attenuates chemosensitivity through the induction of chemotherapy resistant persisters. Nature communications, 13(1), 7047.

Lee SJ, et al. (2022) Platycodin D inhibits autophagy and increases glioblastoma cell death via LDLR upregulation. Molecular oncology, 16(1), 250.

Talwar D, et al. (2020) A role for annexin A2 in scaffolding the peroxiredoxin 2-STAT3 redox relay complex. Nature communications, 11(1), 4512.

Gremke N, et al. (2020) mTOR-mediated cancer drug resistance suppresses autophagy and generates a druggable metabolic vulnerability. Nature communications, 11(1), 4684.

Sung JS, et al. (2020) ITGB4-mediated metabolic reprogramming of cancer-associated fibroblasts. Oncogene, 39(3), 664.

Zhang X, et al. (2019) Induction of autophagy-dependent apoptosis in cancer cells through activation of ER stress: an uncovered anti-cancer mechanism by anti-alcoholism drug disulfiram. American journal of cancer research, 9(6), 1266.

Bryan MR, et al. (2019) Acute manganese treatment restores defective autophagic cargo loading in Huntington's disease cell lines. Human molecular genetics, 28(22), 3825.

Hall EA, et al. (2018) Novel organometallic chloroquine derivative inhibits tumor growth. Journal of cellular biochemistry, 119(7), 5921.

Mercado G, et al. (2018) A new model to study cell-to-cell transfer of ?Synuclein in vivo. Biochemical and biophysical research communications, 503(3), 1385.

Hwang I, et al. (2018) FOXO protects against age-progressive axonal degeneration. Aging cell, 17(1).

Qiao S, et al. (2015) A REDD1/TXNIP pro-oxidant complex regulates ATG4B activity to control stress-induced autophagy and sustain exercise capacity. Nature communications, 6, 7014.