

Resource Summary Report

Generated by [kravitz2](#) on Aug 8, 2026

pLJC5-Tmem192-3xHA

RRID:Addgene_102930

Type: Plasmid

Proper Citation

RRID:Addgene_102930

Plasmid Information

URL: <http://www.addgene.org/102930>

Proper Citation: RRID:Addgene_102930

Insert Name: Tmem192

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29074583](#)

Vector Backbone Description: Vector Backbone:pLJC5; Vector Types:Lentiviral;
Bacterial Resistance:Ampicillin

Plasmid Name: pLJC5-Tmem192-3xHA

Record Creation Time: 20220422T221458+0000

Record Last Update: 20260808T080319+0000

Ratings and Alerts

No rating or validation information has been found for pLJC5-Tmem192-3xHA.

No alerts have been found for pLJC5-Tmem192-3xHA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 66 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Hsieh CW, et al. (2026) Graded activation of the CLEAR network through mTORC1 suppression on cargo-harboring lysosomes. *Cell reports*, 45(4), 117228.

Hodul M, et al. (2026) Prosaposin Is Cleaved Into Saposins by Multiple Cathepsins in a Progranulin-Regulated Fashion. *Journal of neurochemistry*, 170(1), e70357.

Goldman A, et al. (2026) An LRRK2 variant blocks NCOA4 trafficking upon iron overload, leading to ferroptotic death. *Journal of cell science*, 139(14).

Loughran RM, et al. (2026) Noncanonical PI(4,5)P2 coordinates lysosome positioning through cholesterol trafficking. *Science advances*, 12(21), eaeb8658.

Ghoochani A, et al. (2026) Cell-type resolved protein atlas of brain lysosomes identifies SLC45A1-associated disease as a lysosomal disorder. *Cell*, 189(3), 765.

Goodson BA, et al. (2026) SARS-CoV-2 ORF3a blocks lysosomal cholesterol egress by disrupting VPS39-regulated NPC2 trafficking and BMP metabolism. *Cell reports*, 45(6), 117544.

Bernaus-Esqu  M, et al. (2026) Annexin A6 controls multi-organelle contact site formation and endolysosomal positioning, and remodels the STARD3 interactome. *iScience*, 29(7), 116387.

Liparulo I, et al. (2026) A clickable CoQ imaging probe reveals that cellular uptake and lysosomal trafficking depend on CD36 and NPC1. *Redox biology*, 89, 103936.

Cao Y, et al. (2026) Targeting the ferritinophagy-lysosome axis as a therapeutic vulnerability in gastroenteropancreatic neuroendocrine tumors. *Cell reports. Medicine*, 7(4), 102695.

Picot M, et al. (2026) Lysosomal phosphoinositide turnover acts upstream of RagGTPase-mTORC1 and controls muscle growth. *Nature metabolism*, 8(3), 624.

Ohba Y, et al. (2025) Mitochondrial cardiolipin remodeling facilitates efficient myoblast differentiation. *Journal of lipid research*, 66(11), 100909.

Stephens EB, et al. (2025) The Role of the Tyrosine-Based Sorting Signals of the ORF3a Protein of SARS-CoV-2 in Intracellular Trafficking and Pathogenesis. *Viruses*, 17(4).

Bor   E, et al. (2025) Clustering of NLRP3 induced by membrane or protein scaffolds promotes inflammasome assembly. *Nature communications*, 16(1), 4887.

Lin YJ, et al. (2025) The deubiquitinase USP45 inhibits autophagy through actin regulation by Coronin 1B. *The Journal of cell biology*, 224(5).

Ray GJ, et al. (2025) Lysosomal RNA profiling reveals targeting of specific types of RNAs for degradation. *bioRxiv : the preprint server for biology*.

McVeigh BM, et al. (2025) Visualization of lysosomal membrane proteins by cryo electron tomography. *Nature communications*, 16(1), 9234.

Nguyen M, et al. (2025) MAPL regulates gasdermin-mediated release of mtDNA from lysosomes to drive pyroptotic cell death. *Nature cell biology*, 27(10), 1708.

Fu BXH, et al. (2025) Loss of Fanconi anemia proteins causes a reliance on lysosomal exocytosis. *Cell death & disease*, 16(1), 791.

Bond C, et al. (2025) Heterogeneity of late endosome/lysosomes shown by multiplexed DNA-PAINT imaging. *The Journal of cell biology*, 224(1).

Loo TM, et al. (2025) Senescence-associated lysosomal dysfunction impairs cystine deprivation-induced lipid peroxidation and ferroptosis. *Nature communications*, 16(1), 6617.