

# Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

## mCherry-hALIX

RRID:Addgene\_21504

Type: Plasmid

---

### Proper Citation

RRID:Addgene\_21504

---

### Plasmid Information

**URL:** <http://www.addgene.org/21504>

**Proper Citation:** RRID:Addgene\_21504

**Insert Name:** ALIX

**Organism:** Homo sapiens

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:18948538](#)

**Vector Backbone Description:** Backbone Size:4700; Vector Backbone:mCherry; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

**Plasmid Name:** mCherry-hALIX

**Relevant Mutation:** none

**Record Creation Time:** 20220422T222055+0000

**Record Last Update:** 20260725T074425+0000

---

### Ratings and Alerts

No rating or validation information has been found for mCherry-hALIX.

No alerts have been found for mCherry-hALIX.

---

### 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 [NIF](#) .

Chen J, et al. (2025) Classical swine fever virus recruits ALIX and ESCRT-III to facilitate viral budding. *mBio*, 16(4), e0261824.

Genard GC, et al. (2024) Lipid droplets and small extracellular vesicles: More than two independent entities. *Journal of extracellular biology*, 3(9), e162.

Hernandez-Gonzalez M, et al. (2024) Palisade structure in intact vaccinia virions. *mBio*, 15(2), e0313423.

Wang YZ, et al. (2024) Notch receptor-ligand binding facilitates extracellular vesicle-mediated neuron-to-neuron communication. *Cell reports*, 43(2), 113680.

Wu Q, et al. (2023) Presence of Intact Hepatitis B Virions in Exosomes. *Cellular and molecular gastroenterology and hepatology*, 15(1), 237.

Sagini K, et al. (2021) Drug-Induced Lysosomal Impairment Is Associated with the Release of Extracellular Vesicles Carrying Autophagy Markers. *International journal of molecular sciences*, 22(23).

Gulluni F, et al. (2021) PI(3,4)P2-mediated cytokinetic abscission prevents early senescence and cataract formation. *Science (New York, N.Y.)*, 374(6573), eabk0410.

Thepparit C, et al. (2019) Dengue virus requires apoptosis linked gene-2-interacting protein X (ALIX) for viral propagation. *Virus research*, 261, 65.

Böker KO, et al. (2018) The Impact of the CD9 Tetraspanin on Lentivirus Infectivity and Exosome Secretion. *Molecular therapy : the journal of the American Society of Gene Therapy*, 26(2), 634.

Guo H, et al. (2017) Atg5 Disassociates the V1V0-ATPase to Promote Exosome Production and Tumor Metastasis Independent of Canonical Macroautophagy. *Developmental cell*, 43(6), 716.

Schwenk BM, et al. (2016) TDP-43 loss of function inhibits endosomal trafficking and alters trophic signaling in neurons. *The EMBO journal*, 35(21), 2350.

Murrow L, et al. (2015) ATG12-ATG3 interacts with Alix to promote basal autophagic flux and late endosome function. *Nature cell biology*, 17(3), 300.

Vázquez-Victorio G, et al. (2015) Novel regulation of Ski protein stability and endosomal sorting by actin cytoskeleton dynamics in hepatocytes. *The Journal of biological chemistry*, 290(7), 4487.