

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 1, 2026

pEGFP-C1 Lifeact-EGFP

RRID:Addgene_58470

Type: Plasmid

Proper Citation

RRID:Addgene_58470

Plasmid Information

URL: <http://www.addgene.org/58470>

Proper Citation: RRID:Addgene_58470

Insert Name: Lifeact

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:26317264](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pEGFP-C1 Lifeact-EGFP

Record Creation Time: 20220422T222339+0000

Record Last Update: 20260829T080750+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP-C1 Lifeact-EGFP.

No alerts have been found for pEGFP-C1 Lifeact-EGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Le T, et al. (2026) Lipid scrambling via TMEM16F mediates the formation and release of extracellular vesicles. *Molecular biology of the cell*, 37(3), ar22.

Enomoto M, et al. (2026) CCT4 promotes tunneling nanotube formation. *FEBS letters*, 600(1), 39.

Clamagirand CD, et al. (2026) Actomyosin rings constrain CD40 mobility to organize the dendritic cell immunological synapse. *Cell communication and signaling : CCS*, 24(1).

Maity A, et al. (2025) Decoding mEos4b day-long maturation and engineering fast-maturing variants. *Protein science : a publication of the Protein Society*, 34(8), e70234.

Saffi GT, et al. (2025) The lipid phosphatase INPP4B controls pancreatic cancer cell migration and invasion by regulating fibronectin exocytosis. *The Journal of biological chemistry*, 301(10), 110716.

Kumara D, et al. (2025) Inhibitory Effects of Citrus-Derived Flavonoids Hesperidin and Hesperetin on SARS-CoV-2 Spike-Mediated Syncytia Formation Using In Vitro Cell Model. *Advanced pharmaceutical bulletin*, 15(2), 416.

Kundu S, et al. (2025) Force-bearing phagocytic adhesion rings mediate the phagocytosis of surface-bound particles. *Nature communications*, 16(1), 984.

Li W, et al. (2024) In situ structure of actin remodeling during glucose-stimulated insulin secretion using cryo-electron tomography. *Nature communications*, 15(1), 1311.

Raghavan A, et al. (2024) Astroglia proliferate upon the biogenesis of tunneling nanotubes via γ -synuclein dependent transient nuclear translocation of focal adhesion kinase. *iScience*, 27(8), 110565.

Le T, et al. (2024) Redistribution of the glycocalyx exposes phagocytic determinants on apoptotic cells. *Developmental cell*.

Colozza G, et al. (2023) Intestinal Paneth cell differentiation relies on asymmetric regulation of Wnt signaling by Daam1/2. *Science advances*, 9(47), eadh9673.

Küster L, et al. (2023) The actin bundling activity of ITPKA mainly accounts for its migration-promoting effect in lung cancer cells. *Bioscience reports*, 43(2).

Gromova KV, et al. (2023) The kinesin Kif21b binds myosin Va and mediates changes in actin dynamics underlying homeostatic synaptic downscaling. *Cell reports*, 42(7), 112743.

Li W, et al. (2023) In situ structure of actin remodeling during glucose-stimulated insulin secretion using cryo-electron tomography. *Research square*.

Bizzozero L, et al. (2022) Tumoral Neuroligin 1 Promotes Cancer-Nerve Interactions and Synergizes with the Glial Cell Line-Derived Neurotrophic Factor. *Cells*, 11(2).

Montaño-Rendón F, et al. (2022) PtdIns(3,4)P₂, Lamellipodin, and VASP coordinate actin dynamics during phagocytosis in macrophages. *The Journal of cell biology*, 221(11).

Laporte MH, et al. (2022) Visualizing the native cellular organization by coupling cryofixation with expansion microscopy (Cryo-ExM). *Nature methods*, 19(2), 216.

Droubi A, et al. (2022) The inositol 5-phosphatase INPP5B regulates B cell receptor clustering and signaling. *The Journal of cell biology*, 221(9).

Gopalan J, et al. (2021) Targeting an anchored phosphatase-deacetylase unit restores renal ciliary homeostasis. *eLife*, 10.

Sankaran J, et al. (2021) Simultaneous spatiotemporal super-resolution and multi-parametric fluorescence microscopy. *Nature communications*, 12(1), 1748.