

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pmEGFP-C1

RRID:Addgene_36412

Type: Plasmid

Proper Citation

RRID:Addgene_36412

Plasmid Information

URL: <http://www.addgene.org/36412>

Proper Citation: RRID:Addgene_36412

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pEGFP;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Plasmid carrying monomeric (A206K) EGFP for N-terminal tagging

Plasmid Name: pmEGFP-C1

Record Creation Time: 20220422T222155+0000

Record Last Update: 20260815T081408+0000

Ratings and Alerts

No rating or validation information has been found for pmEGFP-C1.

No alerts have been found for pmEGFP-C1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Gollowitzer A, et al. (2025) Attenuated growth factor signaling during cell death initiation sensitizes membranes towards peroxidation. *Nature communications*, 16(1), 1774.

Liu X, et al. (2025) Mycobacterium tuberculosis modulates NUDT21-mediated alternative polyadenylation to enhance FTH1 expression in macrophages and promotes intracellular growth. *Frontiers in cellular and infection microbiology*, 15, 1578163.

Cui L, et al. (2024) Streptococcus pneumoniae extracellular vesicles aggravate alveolar epithelial barrier disruption via autophagic degradation of OCLN (occludin). *Autophagy*, 20(7), 1577.

Liu W, et al. (2023) PQBP1 regulates striatum development through balancing striatal progenitor proliferation and differentiation. *Cell reports*, 42(3), 112277.

Karpińska A, et al. (2022) Entanglement of polymer chains in hypertonic medium enhances the delivery of DNA and other biomacromolecules into cells. *Journal of colloid and interface science*, 627, 270.

Zhang H, et al. (2022) Disturbance of calcium homeostasis and myogenesis caused by TET2 deletion in muscle stem cells. *Cell death discovery*, 8(1), 236.

Ward KE, et al. (2020) The Cytosolic Phospholipase A2 γ N-terminal C2 Domain Binds and Oligomerizes on Membranes with Positive Curvature. *Biomolecules*, 10(4).

Scott JL, et al. (2020) Molecular Analysis of Membrane Targeting by the C2 Domain of the E3 Ubiquitin Ligase Smurf1. *Biomolecules*, 10(2).

Kwapiszewska K, et al. (2019) Determination of oligomerization state of Drp1 protein in living cells at nanomolar concentrations. *Scientific reports*, 9(1), 5906.

Michalska BM, et al. (2018) Insight into the fission mechanism by quantitative characterization of Drp1 protein distribution in the living cell. *Scientific reports*, 8(1), 8122.

Frudd K, et al. (2018) Oxidation of Atg3 and Atg7 mediates inhibition of autophagy. *Nature communications*, 9(1), 95.

Lazarou M, et al. (2015) The ubiquitin kinase PINK1 recruits autophagy receptors to induce mitophagy. *Nature*, 524(7565), 309.