

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

pcDNA3-EGFP

RRID:Addgene_13031

Type: Plasmid

Proper Citation

RRID:Addgene_13031

Plasmid Information

URL: <http://www.addgene.org/13031>

Proper Citation: RRID:Addgene_13031

Insert Name: Enhanced Green Fluorescent Protein

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:5446; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The primer for sequencing out the 5' end of the GFP based constructs (GFP/EGFP, CFP, YFP) is 5'- GTCTTGTAGTTGCCGTCGTC -3'

Plasmid Name: pcDNA3-EGFP

Record Creation Time: 20220422T221725+0000

Record Last Update: 20260912T091820+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-EGFP.

No alerts have been found for pcDNA3-EGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 202 mentions in open access literature.

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

Ahsan FM, et al. (2026) Reductive death is averted by a conserved de novo lipogenic switch. *Molecular cell*, 86(13), 2539.

Eom Y, et al. (2026) Prenatal exposure to particulate matter impairs offspring behavior via hippocampal NMDA receptor reduction: an in vivo and ex vivo study. *Environment international*, 211, 110270.

Sri Theivakadadcham VS, et al. (2026) MRCK? Is a Suppressor of GEF-H1/RhoA/MRTF Signaling in Tubular Cells. *Cells*, 15(5).

Han MH, et al. (2026) Maternal redd1 mRNA decline triggers mTORC1 activation during the blastula-gastrula transition in zebrafish embryos. *The FEBS journal*.

Polidori I, et al. (2026) Alkaline phosphatase-triggered charge converting lipid nanoparticles: An innovative approach for oral nucleic acid delivery. *International journal of pharmaceutics*, 690, 126554.

Vishwakarma A, et al. (2026) Mitochondrial dysfunction alters early endosome trafficking via microtubule reorganization. *Life science alliance*, 9(1).

Polidori I, et al. (2026) Design and mechanistic evaluation of charge-converting fusogenic liposomes for efficient nucleic acid delivery. *Colloids and surfaces. B, Biointerfaces*, 265, 115744.

Dutta S, et al. (2026) MMP9 drives cancer invasion by mediating integrin membrane trafficking and stabilization. *The FEBS journal*.

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.

Gühmann M, et al. (2025) Diffdigester.uni-jena.de: a tool for optimized selection of restriction enzymes for plasmid identification in cloning procedures. *Nucleic acids research*, 53(W1), W238.

Martínez-Lázaro R, et al. (2025) GRIN2B disease-associated mutations disrupt the function of BK channels and NMDA receptor signaling nanodomains. *The Journal of general physiology*, 157(5).

Lee SH, et al. (2025) Dynamic decoding of VEGF signaling and coordinated control of multiple phenotypes by the Src-TEM4-YAP pathway. *Cell systems*, 16(7), 101321.

Eom Y, et al. (2025) Xylene Impairs Neuronal Development by Dysregulating Calcium Homeostasis and Neuronal Activity in Developing Hippocampal Neurons. *Biomolecules & therapeutics*, 33(5), 830.

Du J, et al. (2025) Proximity between LAG-3 and the T cell receptor guides suppression of T cell activation and autoimmunity. *Cell*, 188(15), 4025.

Kim HS, et al. (2025) Fluorinated Ribonucleocarbohydrate Nanoparticles Allow Ultraefficient mRNA Delivery and Protein Expression in Tumor-Associated Myeloid Cells. Journal of the American Chemical Society, 147(14), 11766.

Turner A-MW, et al. (2025) BET degraders reveal BRD4 disruption of 7SK and P-TEFb is critical for effective reactivation of latent HIV in CD4+ T-cells. Journal of virology, 99(4), e0177724.

Hemker SL, et al. (2025) Saturation mapping of MUTYH variant effects using DNA repair reporters. bioRxiv : the preprint server for biology.

Laird NZ, et al. (2025) Gene-activation of surface-modified 3D printed calcium phosphate scaffolds. BMC chemistry, 19(1), 47.

Palmer JE, et al. (2025) Coordination of autophagosome closure and release by the Alzheimer's disease-associated protein BIN1. Cell reports, 44(9), 116266.

Asadullah , et al. (2025) MMP9 shapes cell mechanics to enable collective invasion in cancer. NPJ systems biology and applications, 11(1), 120.