

# Resource Summary Report

Generated by [dkNET](#) on Aug 18, 2026

## PBCAG-eGFP

RRID:Addgene\_40973

Type: Plasmid

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### Proper Citation

RRID:Addgene\_40973

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### Plasmid Information

**URL:** <http://www.addgene.org/40973>

**Proper Citation:** RRID:Addgene\_40973

**Insert Name:** PiggyBac transposon 3' terminal repeats

**Organism:** Synthetic

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:22521325](#)

**Vector Backbone Description:** Backbone Size:5551; Vector Backbone:pCAGGFP;  
Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** PBCAG-eGFP

**Record Creation Time:** 20220422T222212+0000

**Record Last Update:** 20260815T081440+0000

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### Ratings and Alerts

No rating or validation information has been found for PBCAG-eGFP.

No alerts have been found for PBCAG-eGFP.

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### Data and Source Information

**Source:** [Addgene](#)

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### Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Parker NA, et al. (2026) Rapid, Growth Factor-Reduced Induction of Functional Neurons from hiPSCs. *Cells, tissues, organs*, 1.

Zhang S, et al. (2026) ETV2 Mediated Differentiation of Human Pluripotent Stem Cells Results in Functional Endothelial Cells for Engineering Advanced Vascularized Microphysiological Models. *Advanced healthcare materials*, 15(19), e04849.

Jiang Q, et al. (2025) Robust differentiation of NK cells from MSLN.CAR-IL-15-engineered human iPSCs with enhanced antitumor efficacy against solid tumors. *Science advances*, 11(18), eadt9932.

Jo H, et al. (2025) A fetal oncogene NUA2 is an emerging therapeutic target in glioblastoma. *EMBO molecular medicine*, 17(9), 2409.

Yoon JG, et al. (2025) Contribution of rare coding variants to microcephaly in individuals with neurodevelopmental disorders. *Genome medicine*, 17(1), 86.

Bright AR, et al. (2025) Temporal control of progenitor competence shapes maturation in GABAergic neuron development in mice. *Nature neuroscience*, 28(8), 1663.

Zhou J, et al. (2025) Dual lineage origins contribute to neocortical astrocyte diversity. *Nature communications*, 16(1), 6992.

Hendriks D, et al. (2024) Human fetal brain self-organizes into long-term expanding organoids. *Cell*, 187(3), 712.

Forero A, et al. (2024) Extracellular vesicle-mediated trafficking of molecular cues during human brain development. *Cell reports*, 43(10), 114755.

Court AC, et al. (2024) Survival advantage of native and engineered T cells is acquired by mitochondrial transfer from mesenchymal stem cells. *Journal of translational medicine*, 22(1), 868.

Hendriks D, et al. (2023) Engineered human hepatocyte organoids enable CRISPR-based target discovery and drug screening for steatosis. *Nature biotechnology*, 41(11), 1567.

Bandler RC, et al. (2022) Single-cell delineation of lineage and genetic identity in the mouse brain. *Nature*, 601(7893), 404.

Girskis KM, et al. (2021) Rewiring of human neurodevelopmental gene regulatory programs by human accelerated regions. *Neuron*, 109(20), 3239.

Zhou J, et al. (2021) A first-in-class Polymerase Theta Inhibitor selectively targets Homologous-Recombination-Deficient Tumors. *Nature cancer*, 2(6), 598.

Laufer BI, et al. (2021) Stable DNMT3L overexpression in SH-SY5Y neurons recreates a facet of the genome-wide Down syndrome DNA methylation signature. *Epigenetics & chromatin*, 14(1), 13.

Luo X, et al. (2021) Oxygenated phosphatidylethanolamine navigates phagocytosis of ferroptotic cells by interacting with TLR2. *Cell death and differentiation*, 28(6), 1971.

Rui Y, et al. (2020) Poly(Beta-Amino Ester) Nanoparticles Enable Nonviral Delivery of CRISPR-Cas9 Plasmids for Gene Knockout and Gene Deletion. *Molecular therapy. Nucleic acids*, 20, 661.

Mirza AN, et al. (2019) LAP2 Proteins Chaperone GLI1 Movement between the Lamina and Chromatin to Regulate Transcription. *Cell*, 176(1-2), 198.