

Resource Summary Report

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

pEGIP

RRID:Addgene_26777

Type: Plasmid

Proper Citation

RRID:Addgene_26777

Plasmid Information

URL: <http://www.addgene.org/26777>

Proper Citation: RRID:Addgene_26777

Insert Name: EF1a-GFP-IRES-Puro

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19540188](#)

Vector Backbone Description: Backbone Size:7063; Vector Backbone:Duet011; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Allows for puromycin selection of stable integration of GFP expression cassette. With modification, this vector enables the creation of a chromosomally integrated mutant EGFP target sequence by lentiviral transduction to assess the efficiency of HR-mediated gene targeting.

Plasmid Name: pEGIP

Record Creation Time: 20220422T222120+0000

Record Last Update: 20260725T074512+0000

Ratings and Alerts

No rating or validation information has been found for pEGIP.

No alerts have been found for pEGIP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 38 mentions in open access literature.

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

Kim JT, et al. (2025) Advanced hydrogel mesh platform with neural stem cells and human umbilical vein endothelial cells for enhanced axonal regeneration. *APL bioengineering*, 9(2), 026101.

Lasota S, et al. (2024) The dynamics of the electrotactic reaction of mouse 3T3 fibroblasts. *Biochimica et biophysica acta. Molecular cell research*, 1871(2), 119647.

Guo M, et al. (2024) Overexpression of Wnt5a promoted the protective effect of mesenchymal stem cells on Lipopolysaccharide-induced endothelial cell injury via activating PI3K/AKT signaling pathway. *BMC infectious diseases*, 24(1), 335.

Duman C, et al. (2023) Targeting fatty acid oxidation via Acyl-CoA binding protein hinders glioblastoma invasion. *Cell death & disease*, 14(4), 296.

Halawani D, et al. (2023) Circadian clock regulator Bmal1 gates axon regeneration via Tet3 epigenetics in mouse sensory neurons. *Nature communications*, 14(1), 5165.

de Araujo Rolo C, et al. (2023) Long-term monitoring of COVID-19 prevalence in raw and treated wastewater in Salvador, the largest capital of the Brazilian Northeast. *Scientific reports*, 13(1), 15238.

Schoen A, et al. (2023) Functional comparisons of the virus sensor RIG-I from humans, the microbat *Myotis daubentonii*, and the megabat *Rousettus aegyptiacus*, and their response to SARS-CoV-2 infection. *Journal of virology*, 97(10), e0020523.

Kumar A, et al. (2023) Systematic discovery of transcription factors that improve hPSC-derived cardiomyocyte maturation via temporal analysis of bioengineered cardiac tissues. *APL bioengineering*, 7(2), 026109.

Sim JR, et al. (2022) Amelioration of SARS-CoV-2 infection by ANO6 phospholipid scramblase inhibition. *Cell reports*, 40(3), 111117.

Ko KP, et al. (2022) Establishing transgenic murine esophageal organoids. *STAR protocols*, 3(2), 101317.

Ageely EA, et al. (2021) Gene editing with CRISPR-Cas12a guides possessing ribose-modified pseudoknot handles. *Nature communications*, 12(1), 6591.

Generali M, et al. (2021) High Frequency of Tumor Propagating Cells in Fusion-Positive Rhabdomyosarcoma. *Genes*, 12(9).

Jiang MQ, et al. (2021) Conversion of Reactive Astrocytes to Induced Neurons Enhances Neuronal Repair and Functional Recovery After Ischemic Stroke. *Frontiers in aging neuroscience*, 13, 612856.

Huang S, et al. (2021) Rapid isolation of lentivirus particles from cell culture media via a hydrophobic interaction chromatography method on a polyester, capillary-channeled polymer fiber stationary phase. *Analytical and bioanalytical chemistry*, 413(11), 2985.

Ford KM, et al. (2021) Peptide-tiling screens of cancer drivers reveal oncogenic protein domains and associated peptide inhibitors. *Cell systems*, 12(7), 716.

Lukonin I, et al. (2020) Phenotypic landscape of intestinal organoid regeneration. *Nature*, 586(7828), 275.

Ferreira Mendes JM, et al. (2020) Effects of IGF-1 on Proliferation, Angiogenesis, Tumor Stem Cell Populations and Activation of AKT and Hedgehog Pathways in Oral Squamous Cell Carcinoma. *International journal of molecular sciences*, 21(18).

Orge ID, et al. (2020) Phenotype instability of hepatocyte-like cells produced by direct reprogramming of mesenchymal stromal cells. *Stem cell research & therapy*, 11(1), 154.

Santos GC, et al. (2020) Leukemia Inhibitory Factor (LIF) Overexpression Increases the Angiogenic Potential of Bone Marrow Mesenchymal Stem/Stromal Cells. *Frontiers in cell and developmental biology*, 8, 778.

Yu SP, et al. (2019) Optochemogenetic Stimulation of Transplanted iPS-NPCs Enhances Neuronal Repair and Functional Recovery after Ischemic Stroke. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(33), 6571.