

Resource Summary Report

Generated by [dkNET](#) on Jul 28, 2026

AAV-CAGGS-EGFP

RRID:Addgene_22212

Type: Plasmid

Proper Citation

RRID:Addgene_22212

Plasmid Information

URL: <http://www.addgene.org/22212>

Proper Citation: RRID:Addgene_22212

Insert Name: CAGGS-eGFP

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19680244](#)

Vector Backbone Description: Backbone Size:7357; Vector Backbone:N/A; Vector Types:ZFN donor; Bacterial Resistance:Ampicillin

Comments: This plasmid contains a ccdB gene that is non-functional.

Plasmid Name: AAV-CAGGS-EGFP

Record Creation Time: 20220422T222058+0000

Record Last Update: 20260725T074431+0000

Ratings and Alerts

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

No alerts have been found for AAV-CAGGS-EGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 48 mentions in open access literature.

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

Wogram E, et al. (2025) Human iPSC-Derived Microglia Integrate Into Cerebral Organoids and Assume an In Vivo-Like Phenotype. *The European journal of neuroscience*, 62(9), e70281.

Karbassi E, et al. (2024) Targeted CRISPR activation is functional in engineered human pluripotent stem cells but undergoes silencing after differentiation into cardiomyocytes and endothelium. *Cellular and molecular life sciences : CMLS*, 81(1), 95.

Truszkowski L, et al. (2024) Refined and benchmarked homemade media for cost-effective, weekend-free human pluripotent stem cell culture. *Open research Europe*, 4, 192.

Wogram E, et al. (2024) Rapid phagosome isolation enables unbiased multiomic analysis of human microglial phagosomes. *Immunity*, 57(9), 2216.

Han JL, et al. (2023) CRISPRi Gene Modulation and All-Optical Electrophysiology in Post-Differentiated Human iPSC-Cardiomyocytes. *bioRxiv : the preprint server for biology*.

Nakajima I, et al. (2023) In Vivo Delivery of Therapeutic Molecules by Transplantation of Genome-Edited Induced Pluripotent Stem Cells. *Cell transplantation*, 32, 9636897231173734.

Han JL, et al. (2023) CRISPRi gene modulation and all-optical electrophysiology in post-differentiated human iPSC-cardiomyocytes. *Communications biology*, 6(1), 1236.

Kim MS, et al. (2023) Advanced human iPSC-based preclinical model for Parkinson's disease with optogenetic alpha-synuclein aggregation. *Cell stem cell*, 30(7), 973.

Habu T, et al. (2022) Gulo gene locus, a new gene editing locus for mammalian cells. *Biotechnology journal*, 17(7), e2100493.

Saito Y, et al. (2022) Enhancement of pacing function by HCN4 overexpression in human pluripotent stem cell-derived cardiomyocytes. *Stem cell research & therapy*, 13(1), 141.

Rodrigues A, et al. (2022) Modeling PRPF31 retinitis pigmentosa using retinal pigment epithelium and organoids combined with gene augmentation rescue. *NPJ Regenerative medicine*, 7(1), 39.

Lensch S, et al. (2022) Dynamic spreading of chromatin-mediated gene silencing and reactivation between neighboring genes in single cells. *eLife*, 11.

Bernardi A, et al. (2021) Novel fluorescent-based reporter cell line engineered for monitoring homologous recombination events. *PLoS one*, 16(4), e0237413.

Flores-Bellver M, et al. (2021) Extracellular vesicles released by human retinal pigment epithelium mediate increased polarised secretion of drusen proteins in response to AMD

stressors. *Journal of extracellular vesicles*, 10(13), e12165.

Garcia-Diaz A, et al. (2020) Standardized Reporter Systems for Purification and Imaging of Human Pluripotent Stem Cell-derived Motor Neurons and Other Cholinergic Cells. *Neuroscience*, 450, 48.

Butterfield KT, et al. (2020) Generation of an Induced Pluripotent Stem Cell Line with the Constitutive EGFP Reporter. *Methods in molecular biology* (Clifton, N.J.), 2155, 11.

Rabesandratana O, et al. (2020) Generation of a Transplantable Population of Human iPSC-Derived Retinal Ganglion Cells. *Frontiers in cell and developmental biology*, 8, 585675.

Molugu K, et al. (2020) Tracking and Predicting Human Somatic Cell Reprogramming Using Nuclear Characteristics. *Biophysical journal*, 118(9), 2086.

D'Alessio R, et al. (2020) Long-term development of human iPSC-derived pyramidal neurons quantified after transplantation into the neonatal mouse cortex. *Developmental biology*, 461(1), 86.

Buikema JW, et al. (2020) Wnt Activation and Reduced Cell-Cell Contact Synergistically Induce Massive Expansion of Functional Human iPSC-Derived Cardiomyocytes. *Cell stem cell*, 27(1), 50.