Resource Summary Report

Generated by kravitz2 on Jul 30, 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 kravitz2 .

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.