Resource Summary Report

Generated by dkNET on Aug 2, 2026

AAVS1-CAG-hrGFP

RRID:Addgene_52344
Type: Plasmid

Proper Citation

RRID:Addgene_52344

Plasmid Information

URL: http://www.addgene.org/52344

Proper Citation: RRID:Addgene_52344

Insert Name: hrGFP

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: PMID:24497442

Vector Backbone Description: Backbone Size:8085; Vector Backbone:AAVS1-CAG; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please note that this plasmid is NOT the inducible AAVS1-TRE3G-EGFP construct described in the associated publication.

Plasmid Name: AAVS1-CAG-hrGFP

Record Creation Time: 20220422T222307+0000

Record Last Update: 20260801T081434+0000

Ratings and Alerts

No rating or validation information has been found for AAVS1-CAG-hrGFP.

No alerts have been found for AAVS1-CAG-hrGFP.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 28 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Shen S, et al. (2025) Atlas of multilineage stem cell differentiation reveals TMEM88 as a developmental regulator of blood pressure. Nature communications, 16(1), 1356.

Ashmore-Harris C, et al. (2025) Gene editing enables non-invasive in vivo PET imaging of human induced pluripotent stem cell-derived liver bud organoids. Molecular therapy. Methods & clinical development, 33(1), 101406.

Sönmez M, et al. (2025) Modulation of cardiomyocyte contractility and action potentials with chemogenetic chloride currents. The Journal of physiology, 603(6), 1399.

Niu B, et al. (2025) Deciphering signaling mechanisms and developmental dynamics in extraembryonic mesoderm specification from hESCs. Nature communications, 16(1), 4688.

Chen X, et al. (2025) Human iPSC-derived microglial cells protect neurons from neurodegeneration in long-term cultured adhesion brain organoids. Communications biology, 8(1), 30.

Yang H, et al. (2024) Identification and characterization of TM4SF1+ tumor self-seeded cells. Cell reports, 43(7), 114512.

Ren Y, et al. (2024) Circular RNA as a source of neoantigens for cancer vaccines. Journal for immunotherapy of cancer, 12(3).

Yang X, et al. (2023) Kirigami electronics for long-term electrophysiological recording of human neural organoids and assembloids. bioRxiv : the preprint server for biology.

Meng X, et al. (2023) Assembloid CRISPR screens reveal impact of disease genes in human neurodevelopment. Nature, 622(7982), 359.

Mojica-Perez SP, et al. (2023) Protocol for selecting single human pluripotent stem cells using a modified micropipetter. STAR protocols, 4(4), 102629.

Berzanskyte I, et al. (2023) Enrichment of human embryonic stem cell-derived V3 interneurons using an Nkx2-2 gene-specific reporter. Scientific reports, 13(1), 2008.

Schwarzová B, et al. (2023) Modulating cardiac physiology in engineered heart tissue with the bidirectional optogenetic tool BiPOLES. Pflugers Archiv : European journal of physiology, 475(12), 1463.

Wen J, et al. (2023) Loss of function of FIP200 in human pluripotent stem cell-derived neurons leads to axonal pathology and hyperactivity. Translational psychiatry, 13(1), 143.

Ai Z, et al. (2023) Dissecting peri-implantation development using cultured human embryos and embryo-like assembloids. Cell research, 33(9), 661.

Upadhya D, et al. (2022) Grafted hPSC-derived GABA-ergic interneurons regulate seizures and specific cognitive function in temporal lobe epilepsy. NPJ Regenerative medicine, 7(1), 38.

Xi J, et al. (2022) LncRNA SOX1-OT V1 acts as a decoy of HDAC10 to promote SOX1-dependent hESC neuronal differentiation. EMBO reports, 23(2), e53015.

Ho BX, et al. (2022) Robust generation of human-chambered cardiac organoids from pluripotent stem cells for improved modelling of cardiovascular diseases. Stem cell research & therapy, 13(1), 529.

Möller L, et al. (2022) Recursive Editing improves homology-directed repair through retargeting of undesired outcomes. Nature communications, 13(1), 4550.

Chao J, et al. (2022) Therapeutic development for Canavan disease using patient iPSCs introduced with the wild-type ASPA gene. iScience, 25(6), 104391.

Stüdemann T, et al. (2022) Contractile Force of Transplanted Cardiomyocytes Actively Supports Heart Function After Injury. Circulation, 146(15), 1159.