

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

CAG-GFP-IRES-CRE

RRID:Addgene_48201

Type: Plasmid

Proper Citation

RRID:Addgene_48201

Plasmid Information

URL: <http://www.addgene.org/48201>

Proper Citation: RRID:Addgene_48201

Insert Name: eGFP

Organism: Aequorea victoria green

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16399667](#)

Vector Backbone Description: Backbone Marker:Gage lab (Addgene plasmid# 16664); Backbone Size:6764; Vector Backbone:CAG-GFP; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: CAG-GFP-IRES-CRE

Record Creation Time: 20220422T222248+0000

Record Last Update: 20260815T081548+0000

Ratings and Alerts

No rating or validation information has been found for CAG-GFP-IRES-CRE.

No alerts have been found for CAG-GFP-IRES-CRE.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Mikhova M, et al. (2024) Single-molecule imaging reveals the kinetics of non-homologous end-joining in living cells. *bioRxiv : the preprint server for biology*.

Xie Y, et al. (2022) Astrocyte-neuron crosstalk through Hedgehog signaling mediates cortical synapse development. *Cell reports*, 38(8), 110416.

Tomani? T, et al. (2021) Deletion of the Actin-Associated Tropomyosin Tpm3 Leads to Reduced Cell Complexity in Cultured Hippocampal Neurons-New Insights into the Role of the C-Terminal Region of Tpm3.1. *Cells*, 10(3).

Zhu Y, et al. (2021) Kainate receptors regulate the functional properties of young adult-born dentate granule cells. *Cell reports*, 36(12), 109751.

Yoo KH, et al. (2021) Nicotinamide Mononucleotide Prevents Cisplatin-Induced Cognitive Impairments. *Cancer research*, 81(13), 3727.

Zhao X, et al. (2020) Generation of Transgenic Cloned Buffalo Embryos Harboring the EGFP Gene in the Y Chromosome Using CRISPR/Cas9-Mediated Targeted Integration. *Frontiers in veterinary science*, 7, 199.

Preite S, et al. (2018) Hyperactivated PI3K γ promotes self and commensal reactivity at the expense of optimal humoral immunity. *Nature immunology*, 19(9), 986.

Baizabal JM, et al. (2018) The Epigenetic State of PRDM16-Regulated Enhancers in Radial Glia Controls Cortical Neuron Position. *Neuron*, 98(5), 945.

Yao X, et al. (2017) Homology-mediated end joining-based targeted integration using CRISPR/Cas9. *Cell research*, 27(6), 801.

Jongbloets BC, et al. (2017) Stage-specific functions of Semaphorin7A during adult hippocampal neurogenesis rely on distinct receptors. *Nature communications*, 8, 14666.

Beckervordersandforth R, et al. (2017) Role of Mitochondrial Metabolism in the Control of Early Lineage Progression and Aging Phenotypes in Adult Hippocampal Neurogenesis. *Neuron*, 93(3), 560.

Yao X, et al. (2017) CRISPR/Cas9 - Mediated Precise Targeted Integration In Vivo Using a Double Cut Donor with Short Homology Arms. *EBioMedicine*, 20, 19.

Hu R, et al. (2016) Whole-Brain Monosynaptic Afferent Inputs to Basal Forebrain Cholinergic System. *Frontiers in neuroanatomy*, 10, 98.

Xu H, et al. (2015) Regulation of bifurcating B cell trajectories by mutual antagonism between transcription factors IRF4 and IRF8. *Nature immunology*, 16(12), 1274.

Wang D, et al. (2015) Whole-brain mapping of the direct inputs and axonal projections of POMC and AgRP neurons. *Frontiers in neuroanatomy*, 9, 40.

Guo Q, et al. (2015) Whole-brain mapping of inputs to projection neurons and cholinergic interneurons in the dorsal striatum. *PloS one*, 10(4), e0123381.