

Resource Summary Report

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

pCAG-GFP

RRID:Addgene_11150

Type: Plasmid

Proper Citation

RRID:Addgene_11150

Plasmid Information

URL: <http://www.addgene.org/11150>

Proper Citation: RRID:Addgene_11150

Insert Name: EGFP from Aequorea victoria

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:14603031](#)

Vector Backbone Description: Backbone Marker:Available at Addgene (#11160); Backbone Size:4779; Vector Backbone:pCAGEN; Vector Types:; Bacterial Resistance:Ampicillin

Comments: Please note: Addgene NGS is unable to fully resolve the CAG promoter sequence. Please refer to the depositor's sequence for this region of the plasmid.

Plasmid Name: pCAG-GFP

Record Creation Time: 20220422T221543+0000

Record Last Update: 20260725T073509+0000

Ratings and Alerts

No rating or validation information has been found for pCAG-GFP.

No alerts have been found for pCAG-GFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 208 mentions in open access literature.

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

Guan Z, et al. (2026) Multiple Buster transposons from hAT superfamily displaying transposition activities in mammal cells. *Synthetic and systems biotechnology*, 11, 397.

Phadke RA, et al. (2025) The schizophrenia risk gene C4 induces pathological synaptic loss by impairing AMPAR trafficking. *Molecular psychiatry*, 30(2), 796.

Tsyporin J, et al. (2025) Competing Programs Shape Cortical Sensorimotor-Association Axis Development. *bioRxiv : the preprint server for biology*.

Poli??ski P, et al. (2025) A highly conserved neuronal microexon in DAAM1 controls actin dynamics, RHOA/ROCK signaling, and memory formation. *Nature communications*, 16(1), 4210.

Bolshakova S, et al. (2025) Increased Complement C4 in a Sparse Neuronal Subset Induces Network-Wide Transcriptomic Alterations in the Prefrontal Cortex. *bioRxiv : the preprint server for biology*.

Mukherjee S, et al. (2025) A bitopic mTORC inhibitor reverses phenotypes in a tuberous sclerosis complex model. *Scientific reports*, 15(1), 20367.

Monga S, et al. (2025) E2f1 Overexpression Reduces Aging-Associated DNA Damage in Cultured Cerebral Endothelial Cells and Improves Cognitive Performance in Aged Mice. *Oxidative medicine and cellular longevity*, 2025, 3242282.

Jain SU, et al. (2025) A SWI/SNF-specific Ig-like domain, SWIFT, is a transcription factor binding platform. *bioRxiv : the preprint server for biology*.

Wang S, et al. (2025) Structural and functional analysis reveals the catalytic mechanism and substrate binding mode of the broad-spectrum endolysin Ply2741. *Virulence*, 16(1), 2449025.

Kasai H, et al. (2025) Microtubule nucleation at the Golgi-related membrane organelles of mouse neurons. *Histochemistry and cell biology*, 163(1), 61.

He F, et al. (2025) Roles of class III phosphatidylinositol 3-kinase, Vps34, in phagocytosis, autophagy, and endocytosis in retinal pigmented epithelium. *iScience*, 28(5), 112371.

Demler C, et al. (2025) An atypical basement membrane forms a midline barrier during left-right asymmetric gut development in the chicken embryo. *eLife*, 12.

Srinivasan S, et al. (2025) An Efficient Method for Immortalizing Mouse Embryonic Fibroblasts by CRISPR-mediated Deletion of the Tp53 Gene. *Bio-protocol*, 15(2), e5159.

Zhao C, et al. (2025) Efficient in vivo labeling of endogenous proteins with SMART delineates retina cellular and synaptic organization. *Nature communications*, 16(1), 3768.

Xu J, et al. (2025) CETN3 deficiency induces microcephaly by disrupting neural stem/progenitor cell fate through impaired centrosome assembly and RNA splicing. *EMBO molecular medicine*, 17(10), 2735.

Bermejo-Santos A, et al. (2025) Dmrt2 regulates sex-biased neuronal development in the cingulate cortex. *Cellular and molecular life sciences : CMLS*, 82(1), 376.

Nguyen LH, et al. (2024) The mTOR pathway genes mTOR, Rheb, Depdc5, Pten, and Tsc1 have convergent and divergent impacts on cortical neuron development and function. *bioRxiv : the preprint server for biology*.

O'Neill A, et al. (2024) Mucosal SARS-CoV-2 vaccination of rodents elicits superior systemic T central memory function and cross-neutralising antibodies against variants of concern. *EBioMedicine*, 99, 104924.

Zhang J, et al. (2024) Gain-of-Function KIDINS220 Variants Disrupt Neuronal Development and Cause Cerebral Palsy. *Movement disorders : official journal of the Movement Disorder Society*, 39(3), 498.

Jin L, et al. (2024) Long-term labeling and imaging of synaptically connected neuronal networks in vivo using double-deletion-mutant rabies viruses. *Nature neuroscience*, 27(2), 373.