

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

pCAG-luciferase

RRID:Addgene_55764

Type: Plasmid

Proper Citation

RRID:Addgene_55764

Plasmid Information

URL: <http://www.addgene.org/55764>

Proper Citation: RRID:Addgene_55764

Insert Name: CMV enhancer/chicken beta actin promoter

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20959491](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:5599; Vector Backbone:pGL4.17[luc2/Neo]; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCAG-luciferase

Record Creation Time: 20220422T222326+0000

Record Last Update: 20260829T080723+0000

Ratings and Alerts

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

No alerts have been found for pCAG-luciferase.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Yadav K, et al. (2026) Therapeutic targeting of GSK-3 β activation by the tyrosine kinase RYK in pancreatic ductal adenocarcinoma with BJ-2412, a novel sunitinib analogue. *British journal of pharmacology*, 183(15), 4196.

Song X, et al. (2025) Excessive MYC Orchestrates Macrophages induced Chromatin Remodeling to Sustain Micropapillary-Patterned Malignancy in Lung Adenocarcinoma. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(12), e2403851.

Waxman B, et al. (2025) Heparanase, a host gene that potently restricts retrovirus transcription. *mBio*, 16(4), e0325224.

Mei M, et al. (2024) Inhibition of mRNA nuclear export promotes SARS-CoV-2 pathogenesis. *Proceedings of the National Academy of Sciences of the United States of America*, 121(22), e2314166121.

Chaudhary P, et al. (2024) siRNA treatment targeting integrin α 11 overexpressed via EZH2-driven axis inhibits drug-resistant breast cancer progression. *Breast cancer research : BCR*, 26(1), 72.

Filimonov AS, et al. (2022) (+)-Usnic Acid and Its Derivatives as Inhibitors of a Wide Spectrum of SARS-CoV-2 Viruses. *Viruses*, 14(10).

Yarovaya OI, et al. (2022) Borneol Ester Derivatives as Entry Inhibitors of a Wide Spectrum of SARS-CoV-2 Viruses. *Viruses*, 14(6).

Colyn L, et al. (2021) Dual Targeting of G9a and DNA Methyltransferase-1 for the Treatment of Experimental Cholangiocarcinoma. *Hepatology (Baltimore, Md.)*, 73(6), 2380.

Bharambe HS, et al. (2020) Restoration of miR-193a expression is tumor-suppressive in MYC amplified Group 3 medulloblastoma. *Acta neuropathologica communications*, 8(1), 70.

Bharambe HS, et al. (2019) Downregulation of miR-204 expression defines a highly aggressive subset of Group 3/Group 4 medulloblastomas. *Acta neuropathologica communications*, 7(1), 52.