

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 6, 2026

pENN.AAV.CMV.PI.Cre.rBG

RRID:Addgene_105537

Type: Plasmid

Proper Citation

RRID:Addgene_105537

Plasmid Information

URL: <http://www.addgene.org/105537>

Proper Citation: RRID:Addgene_105537

Insert Name: Cre

Organism: Other

Bacterial Resistance: Ampicillin

Vector Backbone Description: Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: Penn Vector Core number p1090

Plasmid Name: pENN.AAV.CMV.PI.Cre.rBG

Record Creation Time: 20220422T221512+0000

Record Last Update: 20260905T074327+0000

Ratings and Alerts

No rating or validation information has been found for pENN.AAV.CMV.PI.Cre.rBG.

No alerts have been found for pENN.AAV.CMV.PI.Cre.rBG.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Gonzalez-Rellan MJ, et al. (2026) The weight-loss-independent hepatoprotective benefits of semaglutide are orchestrated by intrahepatic sinusoidal endothelial GLP-1 receptors. *Cell metabolism*, 38(7), 1334.

Kwon CY, et al. (2026) Development of a high-grade glioma preclinical surgery model using an inducible KRAS/TP53 Oncopig. *Frontiers in oncology*, 16, 1810135.

Tsokas P, et al. (2026) PKM γ -PKC δ double-knockout demonstrates atypical PKC is crucial for the persistence of hippocampal LTP and spatial memory. *eLife*, 15.

Sakthivelu V, et al. (2025) Functional synapses between neurons and small cell lung cancer. *Nature*, 646(8087), 1243.

Alexandris AS, et al. (2025) Recovery of retinal terminal fields after traumatic brain injury: evidence of collateral sprouting and sexual dimorphism. *bioRxiv : the preprint server for biology*.

Zolboot N, et al. (2025) MicroRNA mechanisms instructing Purkinje cell specification. *Neuron*, 113(10), 1629.

Scorzo AV, et al. (2025) Comparing spatial distributions of ALA-PpIX and indocyanine green in a whole pig brain glioma model using 3D fluorescence cryotomography. *Journal of biomedical optics*, 30(Suppl 1), S13704.

Ghitani N, et al. (2025) A distributed coding logic for thermosensation and inflammatory pain. *Nature*, 642(8069), 1016.

Kreymerman A, et al. (2025) Light-evoked activity and BDNF regulate mitochondrial dynamics and mitochondrial localized translation in CNS axons. *iScience*, 28(10), 113563.

Woo MS, et al. (2024) The NR4A2/VGF pathway fuels inflammation-induced neurodegeneration via promoting neuronal glycolysis. *The Journal of clinical investigation*, 134(16).

Smith HC, et al. (2024) Sex-Dependent Effects of Angiotensin Type 2 Receptor-Expressing Medial Prefrontal Cortex Interneurons in Fear Extinction Learning. *Biological psychiatry global open science*, 4(5), 100340.

Kochan SMV, et al. (2024) Enhanced mitochondrial fusion during a critical period of synaptic plasticity in adult-born neurons. *Neuron*, 112(12), 1997.

Aquino-Miranda G, et al. (2024) Functional properties of corticothalamic circuits targeting paraventricular thalamic neurons. *Neuron*, 112(24), 4060.

Weber JA, et al. (2024) Temporal restriction of Cas9 expression improves CRISPR-mediated deletion efficacy and fidelity. *Molecular therapy. Nucleic acids*, 35(2), 102172.

Roy D, et al. (2024) $\alpha 1$ -mediated maladaptive sensory plasticity disrupts adipose tissue homeostasis following spinal cord injury. *Cell reports. Medicine*, 5(5), 101525.

Hedrick NG, et al. (2024) Local and global predictors of synapse elimination during motor learning. *Science advances*, 10(11), eadk0540.

Neuman SS, et al. (2023) Striatonigral distribution of a fluorescent reporter following intracerebral delivery of genome editors. *Frontiers in bioengineering and biotechnology*, 11, 1237613.

Toth BA, et al. (2023) Striatal dopamine regulates sleep states and narcolepsy-cataplexy. *bioRxiv : the preprint server for biology*.

Isett BR, et al. (2023) The indirect pathway of the basal ganglia promotes transient punishment but not motor suppression. *Neuron*, 111(14), 2218.

Shapiro D, et al. (2022) Argonaute 2 is lost from neuromuscular junctions affected with amyotrophic lateral sclerosis in SOD1G93A mice. *Scientific reports*, 12(1), 4630.