

Resource Summary Report

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

pAAV.CMV.HI.eGFP-Cre.WPRE.SV40

RRID:Addgene_105545

Type: Plasmid

Proper Citation

RRID:Addgene_105545

Plasmid Information

URL: <http://www.addgene.org/105545>

Proper Citation: RRID:Addgene_105545

Insert Name: EGFP-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 p2004

Plasmid Name: pAAV.CMV.HI.eGFP-Cre.WPRE.SV40

Record Creation Time: 20220422T221512+0000

Record Last Update: 20260905T074328+0000

Ratings and Alerts

No rating or validation information has been found for pAAV.CMV.HI.eGFP-Cre.WPRE.SV40.

No alerts have been found for pAAV.CMV.HI.eGFP-Cre.WPRE.SV40.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 52 mentions in open access literature.

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

Province HS, et al. (2026) GIP receptor agonism suppresses inflammation-induced aversion and food intake via distinct circuits. *Cell reports*, 45(4), 117116.

Ali G, et al. (2026) Membrane Tension Integrates Physical and Signaling Cues to Gate Cell Fate Transitions. *bioRxiv : the preprint server for biology*.

Karolczak EO, et al. (2025) Uncovering the role of Gpr45 in obesity regulation. *Molecular metabolism*, 98, 102174.

Giona F, et al. (2025) Shank3 modulates Rpl3 expression and protein synthesis via mGlu5: implications for Phelan McDermid syndrome. *Molecular psychiatry*, 30(8), 3599.

Joaquim M, et al. (2025) Mitofusin 2 displays fusion-independent roles in proteostasis surveillance. *Nature communications*, 16(1), 1501.

Folkes OM, et al. (2025) Deficiency of Shank3 in the nucleus accumbens reveals a loss of social-specific motivation. *Communications biology*, 8(1), 1569.

Kim J, et al. (2025) Encoding the glucose identity by discrete hypothalamic neurons via the gut-brain axis. *Neuron*, 113(16), 2673.

Macha A, et al. (2025) Gephyrin filaments represent the molecular basis of inhibitory postsynaptic densities. *Nature communications*, 16(1), 8293.

Tolve M, et al. (2025) The endocytic adaptor AP-2 maintains Purkinje cell function by balancing cerebellar parallel and climbing fiber synapses. *Cell reports*, 44(2), 115256.

Wang Y, et al. (2025) Prelimbic cortex to ventral tegmental area projection regulates early social isolation stress-potentiated heroin seeking in mice. *Nature communications*, 16(1), 9541.

Oubraim S, et al. (2025) Astrocytic FABP5 mediates retrograde endocannabinoid transport at central synapses. *iScience*, 28(5), 112342.

Phillipps HR, et al. (2025) Loss of choroid plexus-derived insulin-like growth factor 2 (IGF2) leads to hyposmia, while retaining post-partum mood resilience in mice. *Journal of neuroendocrinology*, 37(9), e70058.

Castel J, et al. (2024) NAPE-PLD in the ventral tegmental area regulates reward events, feeding and energy homeostasis. *Molecular psychiatry*.

Khandelwal N, et al. (2024) FOXP1 regulates the development of excitatory synaptic inputs onto striatal neurons and induces phenotypic reversal with reinstatement. *Science advances*, 10(18), eadm7039.

Xia QQ, et al. (2024) Autism risk gene Cul3 alters neuronal morphology via caspase-3 activity in mouse hippocampal neurons. *Frontiers in cellular neuroscience*, 18, 1320784.

George K, et al. (2024) Robust GRK2/3/6-dependent desensitization of oxytocin receptor in neurons. *iScience*, 27(6), 110047.

Putman JN, et al. (2024) Pre- and Postsynaptic MEF2C Promotes Experience-Dependent, Input-Specific Development of Cortical Layer 4 to Layer 2/3 Excitatory Synapses and Regulates Activity-Dependent Expression of Synaptic Cell Adhesion Molecules. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(45).

Sears RM, et al. (2024) Devaluation of response-produced safety signals reveals circuits for goal-directed versus habitual avoidance in dorsal striatum. *bioRxiv : the preprint server for biology*.

Lin L, et al. (2024) Epistatic interactions between NMD and TRP53 control progenitor cell maintenance and brain size. *Neuron*, 112(13), 2157.

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.