Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 1, 2025

pENN.AAV.hSyn.HI.eGFP-Cre.WPRE.SV40

RRID:Addgene_105540
Type: Plasmid

Proper Citation

RRID:Addgene_105540

Plasmid Information

URL: http://www.addgene.org/105540

Proper Citation: RRID:Addgene_105540

Insert Name: EGFP-Cre

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: PMID:

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

Comments: Penn Vector Core number p1848

Plasmid Name: pENN.AAV.hSyn.HI.eGFP-Cre.WPRE.SV40

Record Creation Time: 20220422T221512+0000

Record Last Update: 20241023T080038+0000

Ratings and Alerts

No rating or validation information has been found for pENN.AAV.hSyn.HI.eGFP-Cre.WPRE.SV40.

No alerts have been found for pENN.AAV.hSyn.HI.eGFP-Cre.WPRE.SV40.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 38 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Biltz RG, et al. (2025) Repeated social defeat in male mice induced unique RNA profiles in projection neurons from the amygdala to the hippocampus. Brain, behavior, & immunity - health, 43, 100908.

Dunning JL, et al. (2025) The parasubthalamic nucleus refeeding ensemble delays feeding initiation and hastens water drinking. Molecular psychiatry, 30(1), 37.

Chen H, et al. (2024) The functional and anatomical characterization of three spinal output pathways of the anterolateral tract. Cell reports, 43(3), 113829.

Tewari BP, et al. (2024) Astrocytes require perineuronal nets to maintain synaptic homeostasis in mice. Nature neuroscience, 27(8), 1475.

Torres-Rodriguez JM, et al. (2024) The parabrachial to central amygdala pathway is critical to injury-induced pain sensitization in mice. Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology, 49(3), 508.

Savani R, et al. (2024) Metabolic and behavioral alterations associated with viral vector-mediated toxicity in the paraventricular hypothalamic nucleus. bioRxiv : the preprint server for biology.

Cullen ER, et al. (2024) Hyperactivity of mTORC1 and mTORC2-dependent signaling mediate epilepsy downstream of somatic PTEN loss. bioRxiv : the preprint server for biology.

Piantadosi SC, et al. (2024) Hyperactivity of indirect pathway-projecting spiny projection neurons promotes compulsive behavior. Nature communications, 15(1), 4434.

Savani R, et al. (2024) Metabolic and behavioral alterations associated with viral vector-mediated toxicity in the paraventricular hypothalamic nucleus. Bioscience reports, 44(1).

Voglewede MM, et al. (2024) Loss of the polarity protein Par3 promotes dendritic spine neoteny and enhances learning and memory. iScience, 27(7), 110308.

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

Sheahan TD, et al. (2024) Kappa opioids inhibit spinal output neurons to suppress itch. Science advances, 10(39), eadp6038.

Cullen ER, et al. (2024) Hyperactivity of mTORC1- and mTORC2-dependent signaling mediates epilepsy downstream of somatic PTEN loss. eLife, 12.

Ferguson LA, et al. (2024) Adaptation of sequential action benefits from timing variability related to lateral basal ganglia circuitry. iScience, 27(3), 109274.

Sniffen SE, et al. (2024) Bidirectional modulation of negative emotional states by parallel genetically-distinct basolateral amygdala pathways to ventral striatum subregions. bioRxiv : the preprint server for biology.

Anjum R, et al. (2024) Rem2 interacts with CaMKII at synapses and restricts long-term potentiation in hippocampus. bioRxiv : the preprint server for biology.

Adel SS, et al. (2024) Plexin-B1 and Plexin-B2 play non-redundant roles in GABAergic synapse formation. Molecular and cellular neurosciences, 128, 103920.

Gómez-Sotres P, et al. (2024) Olfactory bulb astrocytes link social transmission of stress to cognitive adaptation in male mice. Nature communications, 15(1), 7103.

Zhong P, et al. (2024) Distinct and Convergent Alterations of Entorhinal Cortical Circuits in Two Mouse Models for Alzheimer's Disease and Related Disorders. Journal of Alzheimer's disease : JAD, 98(3), 1121.

Qualls KA, et al. (2024) Mineralocorticoid Receptor Antagonism Reduces Inflammatory Pain Measures in Mice Independent of the Receptors on Sensory Neurons. Neuroscience, 541, 64.