Resource Summary Report

Generated by SPARC SAWG on Aug 10, 2026

pENN.AAV.CB7.CI.mCherry.WPRE.RBG

RRID:Addgene_105544
Type: Plasmid

Proper Citation

RRID:Addgene_105544

Plasmid Information

URL: http://www.addgene.org/105544

Proper Citation: RRID:Addgene_105544

Insert Name: CB7-CI-mCherry

Organism: Other

Bacterial Resistance: Ampicillin

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

Comments: Penn Vector Core number p1969

Plasmid Name: pENN.AAV.CB7.CI.mCherry.WPRE.RBG

Record Creation Time: 20220422T221512+0000

Record Last Update: 20260808T080342+0000

Ratings and Alerts

No rating or validation information has been found for pENN.AAV.CB7.CI.mCherry.WPRE.RBG.

No alerts have been found for pENN.AAV.CB7.CI.mCherry.WPRE.RBG.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Razlan AN, et al. (2026) Characterisation of cold-selective lamina I spinal projection neurons in the mouse. eLife, 14.

Brandalise F, et al. (2025) Thalamocortical feedback selectively controls pyramidal neuron excitability. Nature communications, 16(1), 5663.

Upadhyay A, et al. (2025) The dorsal column nuclei scale mechanical sensitivity in naive and neuropathic pain states. Cell reports, 44(4), 115556.

Maric S, et al. (2025) A Viral Labelling Study of Spinal Trigeminal Nucleus Caudalis Projection Neurons Targeting the Parabrachial Nucleus. Journal of neurochemistry, 169(3), e70028.

Cai Y, et al. (2025) Subcellular proteomics and iPSC modeling uncover reversible mechanisms of axonal pathology in Alzheimer's disease. Nature aging, 5(3), 504.

Upadhyay A, et al. (2024) The Dorsal Column Nuclei Scale Mechanical Sensitivity in Naive and Neuropathic Pain States. bioRxiv : the preprint server for biology.

Mah A, et al. (2024) Dopamine transients encode reward prediction errors independent of learning rates. bioRxiv : the preprint server for biology.

Sohn J, et al. (2022) Presynaptic supervision of cortical spine dynamics in motor learning. Science advances, 8(30), eabm0531.

Breton-Provencher V, et al. (2022) Spatiotemporal dynamics of noradrenaline during learned behaviour. Nature, 606(7915), 732.

Kim E, et al. (2021) Subthreshold basis for reward-predictive persistent activity in mouse prefrontal cortex. Cell reports, 35(5), 109082.

Smith KM, et al. (2019) Calretinin positive neurons form an excitatory amplifier network in the spinal cord dorsal horn. eLife, 8.

Min S, et al. (2019) Arterial Baroreceptors Sense Blood Pressure through Decorated Aortic Claws. Cell reports, 29(8), 2192.