

Resource Summary Report

Generated by [NIF](#) on Jul 30, 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: 20260725T073417+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 11 mentions in open access literature.

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

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

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.

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

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.

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

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