

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pAAV.GFAP.Cre.WPRE.hGH

RRID:Addgene_105550

Type: Plasmid

Proper Citation

RRID:Addgene_105550

Plasmid Information

URL: <http://www.addgene.org/105550>

Proper Citation: RRID:Addgene_105550

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 p2408

Plasmid Name: pAAV.GFAP.Cre.WPRE.hGH

Record Creation Time: 20220422T221512+0000

Record Last Update: 20260725T073417+0000

Ratings and Alerts

No rating or validation information has been found for pAAV.GFAP.Cre.WPRE.hGH.

No alerts have been found for pAAV.GFAP.Cre.WPRE.hGH.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Cagnone G, et al. (2025) Metabolic reprogramming of the neovascular niche promotes regenerative angiogenesis in proliferative retinopathy. *Nature communications*, 16(1), 5377.

Londono R, et al. (2025) Simulation of adult limb regeneration with lizard tail spinal cord implants reveals distinct roles of radial glia and microglia populations. *Research square*.

Fujii Y, et al. (2023) Rhodopsin-positive cell production by intravitreal injection of small molecule compounds in mouse models of retinal degeneration. *PloS one*, 18(2), e0282174.

Vittani M, et al. (2023) Virally induced CRISPR/Cas9-based knock-in of fluorescent albumin allows long-term visualization of cerebral circulation in infant and adult mice. *bioRxiv* : the preprint server for biology.

Gleichman AJ, et al. (2023) A toolbox of astrocyte-specific, serotype-independent adeno-associated viral vectors using microRNA targeting sequences. *Nature communications*, 14(1), 7426.

Vignoli B, et al. (2022) Perirhinal Cortex LTP Does Not Require Astrocyte BDNF-TrkB Signaling. *Cells*, 11(9).

Herrera Moro Chao D, et al. (2022) Hypothalamic astrocytes control systemic glucose metabolism and energy balance. *Cell metabolism*, 34(10), 1532.

Wang LL, et al. (2021) Revisiting astrocyte to neuron conversion with lineage tracing in vivo. *Cell*, 184(21), 5465.