

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pSADdeltaG-mCherry

RRID:Addgene_32636

Type: Plasmid

Proper Citation

RRID:Addgene_32636

Plasmid Information

URL: <http://www.addgene.org/32636>

Proper Citation: RRID:Addgene_32636

Insert Name: mCherry

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21867879](#)

Vector Backbone Description: Backbone Marker:Addgene plasmid 32634; Backbone Size:15428; Vector Backbone:pSADdeltaG; Vector Types:Mammalian Expression, Rabies virus; Bacterial Resistance:Ampicillin

Comments: The genes which replaced GFP in the pcDNA-SADdeltaG-GFP plasmid were amplified by PCR using plasmids encoding mCherry and primer pairs with BamHI and NheI/NotI sequences at the ends.

Plasmid Name: pSADdeltaG-mCherry

Record Creation Time: 20220422T222142+0000

Record Last Update: 20260815T081343+0000

Ratings and Alerts

No rating or validation information has been found for pSADdeltaG-mCherry.

No alerts have been found for pSADdeltaG-mCherry.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Li Y, et al. (2026) Corticothalamic communication for action coordination in a skilled motor behavior. *Nature neuroscience*, 29(3), 660.

Franck MCM, et al. (2025) Spinal lumbar Urocortin 3-expressing neurons are associated with both scratching and Compound 48/80-induced sensations. *Pain*, 166(5), 1070.

Relota XJ, et al. (2025) Behavioral Modulation and Molecular Definition of Wide-Field Vertical Cells in the Mouse Superior Colliculus. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(16).

Goldstein N, et al. (2025) A parabrachial hub for need-state control of enduring pain. *Nature*, 647(8090), 689.

Li M, et al. (2025) A circuit from the basolateral amygdala to hippocampal CA3 regulates social behavior. *Current biology : CB*.

Ryan MB, et al. (2024) Excessive firing of dyskinesia-associated striatal direct pathway neurons is gated by dopamine and excitatory synaptic input. *Cell reports*, 43(8), 114483.

Vieillard J, et al. (2023) Adult spinal Dmrt3 neurons receive direct somatosensory inputs from ipsi- and contralateral primary afferents and from brainstem motor nuclei. *The Journal of comparative neurology*, 531(1), 5.

Hashimoto M, et al. (2022) Lateral septum modulates cortical state to tune responsivity to threat stimuli. *Cell reports*, 41(4), 111521.

Liu S, et al. (2022) Divergent brainstem opioidergic pathways that coordinate breathing with pain and emotions. *Neuron*, 110(5), 857.

Son S, et al. (2022) Whole-Brain Wiring Diagram of Oxytocin System in Adult Mice. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 42(25), 5021.

Leroy F, et al. (2022) Enkephalin release from VIP interneurons in the hippocampal CA2/3a region mediates heterosynaptic plasticity and social memory. *Molecular psychiatry*, 27(6), 2879.

Islam MT, et al. (2022) Vasopressin neurons in the paraventricular hypothalamus promote wakefulness via lateral hypothalamic orexin neurons. *Current biology : CB*, 32(18), 3871.

Chiola S, et al. (2021) Defective AMPA-mediated synaptic transmission and morphology in human neurons with hemizygous SHANK3 deletion engrafted in mouse prefrontal cortex. *Molecular psychiatry*, 26(9), 4670.

Judd EN, et al. (2021) Diverse inhibitory projections from the cerebellar interposed nucleus. *eLife*, 10.

Conner JM, et al. (2021) Modulation of tactile feedback for the execution of dexterous movement. *Science* (New York, N.Y.), 374(6565), 316.

Usseglio G, et al. (2020) Control of Orienting Movements and Locomotion by Projection-Defined Subsets of Brainstem V2a Neurons. *Current biology : CB*, 30(23), 4665.

Bellmann J, et al. (2019) Viral Infections Exacerbate FUS-ALS Phenotypes in iPSC-Derived Spinal Neurons in a Virus Species-Specific Manner. *Frontiers in cellular neuroscience*, 13, 480.

Bellmann J, et al. (2019) A customizable microfluidic platform for medium-throughput modeling of neuromuscular circuits. *Biomaterials*, 225, 119537.

Oboti L, et al. (2018) Amygdala Corticofugal Input Shapes Mitral Cell Responses in the Accessory Olfactory Bulb. *eNeuro*, 5(3).

Saito YC, et al. (2018) Monoamines Inhibit GABAergic Neurons in Ventrolateral Preoptic Area That Make Direct Synaptic Connections to Hypothalamic Arousal Neurons. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(28), 6366.