

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

CAG-Flex-RG

RRID:Addgene_48333

Type: Plasmid

Proper Citation

RRID:Addgene_48333

Plasmid Information

URL: <http://www.addgene.org/48333>

Proper Citation: RRID:Addgene_48333

Insert Name: Rabies Glycoprotein

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24239125](#)

Vector Backbone Description: Backbone Size:6000; Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Plasmid Name: CAG-Flex-RG

Record Creation Time: 20220422T222248+0000

Record Last Update: 20260912T092800+0000

Ratings and Alerts

No rating or validation information has been found for CAG-Flex-RG.

No alerts have been found for CAG-Flex-RG.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Tasaka GI, et al. (2026) Submedius thalamic inputs shape the presynaptic architecture of layer 5 orbitofrontal cortex in mice. *iScience*, 29(2), 114828.

Livrizzi G, et al. (2026) Top-down control of the descending pain modulatory system drives multimodal placebo analgesia. *Neuron*.

Zhang R, et al. (2026) Nps-Expressing Neurons Receive Extensive Input From Auditory Brainstem Nuclei. *The Journal of comparative neurology*, 534(4), e70156.

Handa T, et al. (2025) The neural pathway from the superior subpart of the medial habenula to the interpeduncular nucleus suppresses anxiety. *Molecular psychiatry*, 30(8), 3752.

Vaissiere T, et al. (2025) Syngap1 promotes cognitive function through regulation of cortical sensorimotor dynamics. *Nature communications*, 16(1), 812.

Smith J, et al. (2024) Regulation of stress-induced sleep fragmentation by preoptic glutamatergic neurons. *Current biology : CB*, 34(1), 12.

Refaeli R, et al. (2024) Analyzing engram reactivation and long-range connectivity. *STAR protocols*, 5(1), 102840.

Choi A, et al. (2024) Circuit mechanism underlying fragmented sleep and memory deficits in 16p11.2 deletion mouse model of autism. *iScience*, 27(12), 111285.

Kashiwagi M, et al. (2024) A pontine-medullary loop crucial for REM sleep and its deficit in Parkinson's disease. *Cell*, 187(22), 6272.

Tasaka GI, et al. (2023) The local and long-range input landscape of inhibitory neurons in mouse auditory cortex. *The Journal of comparative neurology*, 531(4), 502.

Zhang X, et al. (2022) Teneurins assemble into presynaptic nanoclusters that promote synapse formation via postsynaptic non-teneurin ligands. *Nature communications*, 13(1), 2297.

Inada K, et al. (2022) Plasticity of neural connections underlying oxytocin-mediated parental behaviors of male mice. *Neuron*, 110(12), 2009.

Yukinaga H, et al. (2022) Recording and manipulation of the maternal oxytocin neural activities in mice. *Current biology : CB*, 32(17), 3821.

Kim A, et al. (2021) Neural basis for regulation of vasopressin secretion by anticipated disturbances in osmolality. *eLife*, 10.

Ma G, et al. (2021) Hierarchy in sensory processing reflected by innervation balance on cortical interneurons. *Science advances*, 7(20).

Sando R, et al. (2021) Latrophilin GPCR signaling mediates synapse formation. *eLife*, 10.

Wallace ML, et al. (2020) Anatomical and single-cell transcriptional profiling of the murine habenular complex. *eLife*, 9.

Dudai A, et al. (2020) Barrel cortex VIP/ChAT interneurons suppress sensory responses in vivo. *PLoS biology*, 18(2), e3000613.

Tasaka GI, et al. (2020) The Temporal Association Cortex Plays a Key Role in Auditory-Driven Maternal Plasticity. *Neuron*, 107(3), 566.

Wu J, et al. (2019) Distinct Connectivity and Functionality of Aldehyde Dehydrogenase 1a1-Positive Nigrostriatal Dopaminergic Neurons in Motor Learning. *Cell reports*, 28(5), 1167.