

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

PV-cre

RRID:IMSR_GPT:D000297

Type: Organism

Proper Citation

RRID:IMSR_GPT:D000297

Organism Information

URL: <https://nrcmm.nju.edu.cn/resourceSearch.html?menuId=2&search=D000297>

Proper Citation: RRID:IMSR_GPT:D000297

Description: Mus musculus with name PV-cre from IMSR.

Species: Mus musculus

Notes: gene symbol note: ; noninbred stock:

Catalog Number: GPT:D000297

Database: GemPharmatech

Database Abbreviation: GPT

Availability: embryo

Organism Name: PV-cre

Record Creation Time: 20250513T053917+0000

Record Last Update: 20260815T050819+0000

Ratings and Alerts

No rating or validation information has been found for PV-cre.

No alerts have been found for PV-cre.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 79 mentions in open access literature.

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

Rolón-Martínez S, et al. (2026) Thalamic reticular neurons provide cell type-specific modulation of sound processing in the auditory thalamus. PLoS biology, 24(3), e3003693.

Bratsch-Prince JX, et al. (2026) vCA1 SST neurons represent avoidance states that guide anxiety-related behavioral choices. bioRxiv : the preprint server for biology.

Sugino T, et al. (2026) Subtype-specific modulation of inhibitory interneurons by general anesthetics. iScience, 29(3), 115140.

Mesik L, et al. (2026) Rapid plasticity of default-mode local network architectures following adult-onset blindness. Cell reports, 45(1), 116720.

Zhang X, et al. (2026) A Central Somatic Transmission Mediates Proprioceptive Facilitation of Muscle Pain. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(34), e14242.

Kornfeld-Sylla SS, et al. (2026) A human electrophysiological signature of Fragile X pathophysiology is shared in V1 of Fmr1-/y mice. Nature communications, 17(1), 1497.

Meza RC, et al. (2026) Serotonin-endocannabinoid crosstalk selectively regulates inhibitory GABAergic inputs in the medial prefrontal cortex. Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology, 51(8), 1474.

Liebergall SR, et al. (2026) Use-dependent regulation of the axonal action potential in parvalbumin-expressing interneurons. bioRxiv : the preprint server for biology.

Ma S, et al. (2026) TARGETING INSULO-FRONTAL PATHWAY TO REDUCE STRESS-EVOKED COGNITIVE RIGIDITY. bioRxiv : the preprint server for biology.

Bassi CD, et al. (2026) Selective filtering of relevant sensory signals in parietal cortex. Research square.

Thompson WS, et al. (2026) Motor cortex directly excites the substantia nigra pars reticulata, the basal ganglia output nucleus. Nature communications, 17(1).

Williams B, et al. (2026) Fast Spiking Interneurons Autonomously Generate Fast Gamma Oscillations in the Medial Entorhinal Cortex with Excitation Strength Tuning ING-PING Transitions. eNeuro, 13(2).

Yaghmazadeh O, et al. (2026) Non-invasive modulation of brain activity and behavior by transcranial radio frequency stimulation. Brain stimulation, 19(2), 103032.

Ma S, et al. (2026) Targeting insulo-frontal pathway to reduce stress-evoked cognitive rigidity. Nature communications, 17(1).

Dong YP, et al. (2026) GluN2A-NMDA receptor inhibition disinhibits the prefrontal cortex, reduces forced swim immobility, and impairs sensorimotor gating. *Acta pharmacologica Sinica*, 47(1), 53.

Schiff H, et al. (2026) Postnatal Development of Pyramidal Neurons Excitability and Synaptic Inputs in Mouse Gustatory Cortical Circuits. *eNeuro*, 13(4).

Liiwand M, et al. (2026) Loss of the *Mecp2* gene in parvalbumin interneurons leads to an inhibitory deficit in the amygdala and affects its functional connectivity. *Molecular autism*, 17(1), 4.

Carabelli B, et al. (2026) Genetic alterations in SUPT6H are associated with neurodevelopmental disorders. *Biochimica et biophysica acta. Molecular basis of disease*, 1872(5), 168226.

Speed F, et al. (2026) Voltage imaging with periodic structured illumination. *Biomedical optics express*, 17(1), 457.

Geibl FF, et al. (2026) Mapping cellular vulnerability in Parkinson's disease using retro-AAVs and preformed α -synuclein fibrils. *Translational neurodegeneration*, 15(1), 2.