

Resource Summary Report

Generated by [ASWG](#) on Aug 7, 2026

PV-cre

RRID:IMSR_GPT:D000297

Type: Organism

Proper Citation

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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: 20260801T050622+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 [ASWG](#) .

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

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.

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

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

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*-/- 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.