Resource Summary Report

Generated by NIF on Aug 30, 2026

B6;129P2-Pvalb$^{tm1(cre)Arbr}$/J

RRID:IMSR_JAX:008069
Type: Organism

Proper Citation

RRID:IMSR_JAX:008069

Organism Information

URL: https://www.jax.org/strain/008069

Proper Citation: RRID:IMSR_JAX:008069

Description: Mus musculus with name B6;129P2-Pvalb$^{tm1(cre)Arbr}$/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: parvalbumin|; mutant stock: Pvalb|

Affected Gene: parvalbumin|

Genomic Alteration: targeted mutation 1; Silvia Arber

Catalog Number: JAX:008069

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129P2-Pvalb$^{tm1(cre)Arbr}$/J

Record Creation Time: 20250513T053705+0000

Record Last Update: 20260829T044958+0000

Ratings and Alerts

No rating or validation information has been found for B6;129P2-Pvalb$^{tm1(cre)Arbr}$/J.

No alerts have been found for B6;129P2-Pvalb$^{tm1(cre)Arbr}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 372 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Bech P, et al. (2026) Retrosplenial cortex enables context-dependent goal-directed sensorimotor transformation. eLife, 14.

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.

Tumanov AV, et al. (2026) Lymphotoxin-beta receptor controls the development of chronic pain. Cell reports, 45(4), 117269.

Estarellas C, et al. (2026) Synaptic plasticity in the perforant pathway drives inhibitory reorganization enhancing dentate gyrus functionality. iScience, 29(3), 114878.

Shi S, et al. (2026) Circuit and molecular mechanisms underlying incubation of methamphetamine craving in the prelimbic cortex. Neuron, 114(13), 2456.

Zhu X, et al. (2026) Synaptic plasticity of prefrontal long-range inhibition regulates cognitive flexibility. Neuron.

Li FR, et al. (2026) Influence of the estrous cycle on seizure activity in a model of mesial temporal lobe epilepsy. Experimental neurology, 397, 115597.

Zimmerman MP, et al. (2026) Impaired behavioral inhibition in Fmr1 KO mice is linked to disrupted visual cortex theta oscillations. Cell reports, 45(7), 117590.

Doty ME, et al. (2026) Myelin sheaths persist for weeks following axon degeneration. Science advances, 12(10), eaeb2628.

Lebedeva A, et al. (2026) Dorsal prefrontal cortex drives perseverative behavior in mice. Nature communications, 17(1).

Bissen D, et al. (2026) Ethological learning during the critical period resets synaptic setpoints in mouse binocular visual cortex. Neuron.

Li S, et al. (2026) Dual anterior insula-prefrontal cortex circuits mediate chronic stress-induced social interaction deficits. Neuron, 114(12), 2237.

De Risi M, et al. (2025) Cortico-striatal circuit mechanisms drive the effects of D1 dopamine agonists on memory capacity in mice through cAMP/PKA signalling. Nature communications, 16(1), 2615.

Choi I, et al. (2025) Locomotion-dependent auditory gating to the parietal cortex guides multisensory decisions. Nature communications, 16(1), 2308.

Taxidis J, et al. (2025) Voltage imaging reveals hippocampal inhibitory dynamics shaping pyramidal memory-encoding sequences. Nature neuroscience, 28(9), 1946.

Dunn AWE, et al. (2025) Mecp2 deficiency impairs microscale cortical network topology and dynamics in a Rett syndrome mouse model. bioRxiv : the preprint server for biology.

Chai R, et al. (2025) Endocannabinoids disinhibit the ventral tegmental nucleus of Gudden to dorsal premammillary nucleus pathway to enhance escape behavior following learned threat experience. Nature communications, 16(1), 4885.

Okabe N, et al. (2025) Parvalbumin interneurons regulate rehabilitation-induced functional recovery after stroke and identify a rehabilitation drug. Nature communications, 16(1), 2556.

Lin JK, et al. (2025) Transcriptomic and spatial organization of mouse spinal cord projection neurons. Cell reports, 45(1), 116717.

Vantomme G, et al. (2025) The reuniens thalamus recruits recurrent excitation in the medial prefrontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 122(11), e2500321122.