Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 3, 2025

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

RRID:IMSR_JAX:017320
Type: Organism

Proper Citation

RRID:IMSR_JAX:017320

Organism Information

URL: https://www.jax.org/strain/017320

Proper Citation: RRID:IMSR_JAX:017320

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

Species: Mus musculus

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

Affected Gene: parvalbumin||parvalbumin|

Genomic Alteration: targeted mutation 1; Silvia Arber

Catalog Number: JAX:017320

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: live

Alternate IDs: IMSR_JAX:17320

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

Record Creation Time: 20230509T193310+0000

Record Last Update: 20240104T175010+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: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 162 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Rankin G, et al. (2024) Nerve injury disrupts temporal processing in the spinal cord dorsal horn through alterations in PV+ interneurons. Cell reports, 43(2), 113718.

Bouin A, et al. (2024) New rabies viral resources for multi-scale neural circuit mapping. Molecular psychiatry, 29(7), 1951.

Hegedüs P, et al. (2024) Parvalbumin-expressing basal forebrain neurons mediate learning from negative experience. Nature communications, 15(1), 4768.

Clayton KK, et al. (2024) Cortical determinants of loudness perception and auditory hypersensitivity. bioRxiv : the preprint server for biology.

Tian G, et al. (2024) Molecular and circuit determinants in the globus pallidus mediating control of cocaine-induced behavioral plasticity. Neuron, 112(20), 3470.

Assali A, et al. (2024) EphB1 controls long-range cortical axon guidance through a cell non-autonomous role in GABAergic cells. Development (Cambridge, England), 151(5).

Kogan JF, et al. (2024) Learning enhances representations of taste-guided decisions in the mouse gustatory insular cortex. Current biology : CB, 34(9), 1880.

Lesuis SL, et al. (2024) Stress disrupts engram ensembles in lateral amygdala to generalize threat memory in mice. Cell.

Jeong M, et al. (2024) Viral vector-mediated transgene delivery with novel recombinase systems for targeting neuronal populations defined by multiple features. Neuron, 112(1), 56.

Katsuki F, et al. (2024) Sleep-Deep-Learner is taught sleep-wake scoring by the end-user to complete each record in their style. Sleep advances : a journal of the Sleep Research Society, 5(1), zpae022.

Rolón-Martínez S, et al. (2024) Cell-specific inhibitory modulation of sound processing in the auditory thalamus. bioRxiv : the preprint server for biology.

Jiang YQ, et al. (2024) Hypothalamic regulation of hippocampal CA1 interneurons by the supramammillary nucleus. Cell reports, 43(11), 114898.

Jamali S, et al. (2024) Parallel mechanisms signal a hierarchy of sequence structure violations in the auditory cortex. eLife, 13.

Liu M, et al. (2024) Parvalbumin and Somatostatin: Biomarkers for Two Parallel Tectothalamic Pathways in the Auditory Midbrain. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(10).

Fournier LA, et al. (2024) Overexpression of the schizophrenia risk gene C4 in PV cells drives sex-dependent behavioral deficits and circuit dysfunction. bioRxiv : the preprint server for biology.

Feng H, et al. (2024) Targeted therapy improves cellular dysfunction, ataxia, and seizure susceptibility in a model of a progressive myoclonus epilepsy. Cell reports. Medicine, 5(2), 101389.

Cherian S, et al. (2024) Loss of Midbrain Dopamine Neurons Does Not Alter GABAergic Inhibition Mediated by Parvalbumin-Expressing Interneurons in Mouse Primary Motor Cortex. eNeuro, 11(5).

Liebergall SR, et al. (2024) Ndnf Interneuron Excitability Is Spared in a Mouse Model of Dravet Syndrome. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(17).

Clayton KK, et al. (2024) Sound elicits stereotyped facial movements that provide a sensitive index of hearing abilities in mice. Current biology : CB.

Harmon TC, et al. (2024) Vocalization modulates the mouse auditory cortex even in the absence of hearing. Cell reports, 43(8), 114611.