Resource Summary Report

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

B6;129S-Rorb$^{tm1.1(cre)Hze}$/J

RRID:IMSR_JAX:023526
Type: Organism

Proper Citation

RRID:IMSR_JAX:023526

Organism Information

URL: https://www.jax.org/strain/023526

Proper Citation: RRID:IMSR_JAX:023526

Description: Mus musculus with name B6;129S-Rorb$^{tm1.1(cre)Hze}$/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |RAR-related orphan receptor beta; mutant stock: |Rorb

Affected Gene: |RAR-related orphan receptor beta

Genomic Alteration: targeted mutation 1.1; Hongkui Zeng

Catalog Number: JAX:023526

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: sperm

Alternate IDs: IMSR_JAX:23526

Organism Name: B6;129S-Rorb$^{tm1.1(cre)Hze}$/J

Record Creation Time: 20230509T193318+0000

Record Last Update: 20240104T175058+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S-Rorb$^{tm1.1(cre)Hze}$/J.

No alerts have been found for B6;129S-Rorb$^{tm1.1(cre)Hze}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Escoubas CC, et al. (2024) Type-I-interferon-responsive microglia shape cortical development and behavior. Cell.

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.

Li YT, et al. (2023) Functional cell types in the mouse superior colliculus. eLife, 12.

Escoubas CC, et al. (2023) Type I interferon responsive microglia shape cortical development and behavior. bioRxiv : the preprint server for biology.

Wang Q, et al. (2023) Regional and cell-type-specific afferent and efferent projections of the mouse claustrum. Cell reports, 42(2), 112118.

Xu J, et al. (2022) Intersectional mapping of multi-transmitter neurons and other cell types in the brain. Cell reports, 40(1), 111036.

Chirila AM, et al. (2022) Mechanoreceptor signal convergence and transformation in the dorsal horn flexibly shape a diversity of outputs to the brain. Cell, 185(24), 4541.

Hage TA, et al. (2022) Synaptic connectivity to L2/3 of primary visual cortex measured by two-photon optogenetic stimulation. eLife, 11.

Yao Z, et al. (2021) A taxonomy of transcriptomic cell types across the isocortex and hippocampal formation. Cell, 184(12), 3222.

Luo L, et al. (2020) Optimizing Nervous System-Specific Gene Targeting with Cre Driver Lines: Prevalence of Germline Recombination and Influencing Factors. Neuron, 106(1), 37.

Ding SL, et al. (2020) Distinct Transcriptomic Cell Types and Neural Circuits of the Subiculum and Prosubiculum along the Dorsal-Ventral Axis. Cell reports, 31(7), 107648.

Gouwens NW, et al. (2020) Integrated Morphoelectric and Transcriptomic Classification of Cortical GABAergic Cells. Cell, 183(4), 935.

Millman DJ, et al. (2020) VIP interneurons in mouse primary visual cortex selectively enhance responses to weak but specific stimuli. eLife, 9.

Waters J, et al. (2019) Biological variation in the sizes, shapes and locations of visual cortical areas in the mouse. PloS one, 14(5), e0213924.

Koch SC, et al. (2017) ROR? Spinal Interneurons Gate Sensory Transmission during Locomotion to Secure a Fluid Walking Gait. Neuron, 96(6), 1419.

Steinmetz NA, et al. (2017) Aberrant Cortical Activity in Multiple GCaMP6-Expressing Transgenic Mouse Lines. eNeuro, 4(5).