Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 1, 2025

129S1/SvImJ

RRID:IMSR_JAX:002448
Type: Organism

Proper Citation

RRID:IMSR_JAX:002448

Organism Information

URL: https://www.jax.org/strain/002448

Proper Citation: RRID:IMSR_JAX:002448

Description: Mus musculus with name 129S1/SvImJ from IMSR.

Species: Mus musculus

Synonyms: 129S1/Sv-p Tyr Kitl. 129S3/SvIm. 129S3/SvImJ. 129/SvImJ

Notes: gene symbol note: disrupted in schizophrenia 1|cytochrome c oxidase subunit 7A2 like; inbred strain: Disc1|Cox7a2l

Affected Gene: disrupted in schizophrenia 1|cytochrome c oxidase subunit 7A2 like

Genomic Alteration: deletion|long

Catalog Number: JAX:002448

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: live

Alternate IDs: IMSR_JAX:2448

Organism Name: 129S1/SvImJ

Record Creation Time: 20230509T193237+0000

Record Last Update: 20240104T174739+0000

Ratings and Alerts

No rating or validation information has been found for 129S1/SvImJ.

No alerts have been found for 129S1/SvImJ.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 516 mentions in open access literature.

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

Shekhar S, et al. (2025) Sensory quiescence induces a cell-non-autonomous integrated stress response curbed by condensate formation of the ATF4 and XRP1 effectors. Nature communications, 16(1), 252.

Zhang N, et al. (2024) Cholecystokinin B receptor agonists alleviates anterograde amnesia in cholecystokinin-deficient and aged Alzheimer's disease mice. Alzheimer's research & therapy, 16(1), 109.

Hong S, et al. (2024) Host-specific effects of Eubacterium species on Rg3-mediated modulation of osteosarcopenia in a genetically diverse mouse population. Microbiome, 12(1), 251.

Crombie EM, et al. (2024) Taf1 knockout is lethal in embryonic male mice and heterozygous females show weight and movement disorders. Disease models & mechanisms, 17(7).

Barber AJ, et al. (2024) Age, sex and Alzheimer's disease: a longitudinal study of 3xTg-AD mice reveals sex-specific disease trajectories and inflammatory responses mirrored in postmortem brains from Alzheimer's patients. Alzheimer's research & therapy, 16(1), 134.

Perera C, et al. (2024) Non-invasive MRI of blood-cerebrospinal fluid-barrier function in a mouse model of Alzheimer's disease: a potential biomarker of early pathology. Fluids and barriers of the CNS, 21(1), 97.

Klaus L, et al. (2024) Teratoma Development in 129.MOLF-Chr19 Mice Elicits Two Waves of Immune Cell Infiltration. International journal of molecular sciences, 25(23).

Hasham MG, et al. (2024) Methods to study xenografted human cancer in genetically diverse mice. bioRxiv : the preprint server for biology.

Alugupalli KR, et al. (2024) A TLR4 ligand-based adjuvant for promoting the immunogenicity of typhoid subunit vaccines. Frontiers in immunology, 15, 1383476.

Jarysta A, et al. (2024) Inhibitory G proteins play multiple roles to polarize sensory hair cell morphogenesis. eLife, 12.

Fenton TA, et al. (2024) Hyperexcitability and translational phenotypes in a preclinical mouse model of SYNGAP1-related intellectual disability. Translational psychiatry, 14(1), 405.

Soni N, et al. (2024) Genetic diversity promotes resilience in a mouse model of Alzheimer's disease. Alzheimer's & dementia : the journal of the Alzheimer's Association, 20(4), 2794.

de Moura Gomes A, et al. (2024) New MiniPromoter Ple389 (ADORA2A) drives selective expression in medium spiny neurons in mice and non-human primates. Scientific reports, 14(1), 28194.

Mononen J, et al. (2024) Genetic variation is a key determinant of chromatin accessibility and drives differences in the regulatory landscape of C57BL/6J and 129S1/SvImJ mice. Nucleic acids research, 52(6), 2904.

Chen YW, et al. (2024) Pressure induces peritoneal fibrosis and inflammation through CD44 signaling. Renal failure, 46(2), 2384586.

Simon NM, et al. (2024) Stem cell transcriptional profiles from mouse subspecies reveal cis-regulatory evolution at translation genes. Heredity, 133(5), 308.

Barrero M, et al. (2024) The interferon ? pathway enhances pluripotency and X-chromosome reactivation in iPSC reprogramming. Science advances, 10(32), eadj8862.

Guo YJ, et al. (2024) HBB contributes to individualized aconitine-induced cardiotoxicity in mice via interfering with ABHD5/AMPK/HDAC4 axis. Acta pharmacologica Sinica, 45(6), 1224.

Lee AS, et al. (2024) Cerebellar output neurons impair non-motor behaviors by altering development of extracerebellar connectivity. bioRxiv : the preprint server for biology.

Moon N, et al. (2024) Stress increases sperm respiration and motility in mice and men. Nature communications, 15(1), 7900.