

Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

129S4/SvJaeJ

RRID:IMSR_JAX:009104

Type: Organism

Proper Citation

RRID:IMSR_JAX:009104

Organism Information

URL: <https://www.jax.org/strain/009104>

Proper Citation: RRID:IMSR_JAX:009104

Description: Mus musculus with name 129S4/SvJaeJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: disrupted in schizophrenia 1; inbred strain: Disc1

Affected Gene: disrupted in schizophrenia 1

Genomic Alteration: deletion

Catalog Number: JAX:009104

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: 129S4/SvJaeJ

Record Creation Time: 20250513T053713+0000

Record Last Update: 20260815T050634+0000

Ratings and Alerts

No rating or validation information has been found for 129S4/SvJaeJ.

No alerts have been found for 129S4/SvJaeJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Zhu B, et al. (2025) Spatial and multiomics analysis of human and mouse lung adenocarcinoma precursors reveals TIM-3 as a putative target for precancer interception. Cancer cell, 43(6), 1125.

Li S, et al. (2024) Misprogramming of glucose metabolism impairs recovery of hippocampal slices from neuronal GLT-1 knockout mice and contributes to excitotoxic injury through mitochondrial superoxide production. Journal of neurochemistry.

Shang P, et al. (2024) NRP1 is a receptor for mammalian orthoreovirus engaged by distinct capsid subunits. Cell host & microbe, 32(6), 980.

Song Y, et al. (2022) CTCF functions as an insulator for somatic genes and a chromatin remodeler for pluripotency genes during reprogramming. Cell reports, 39(1), 110626.

Phulphagar K, et al. (2021) Proteomics reveals distinct mechanisms regulating the release of cytokines and alarmins during pyroptosis. Cell reports, 34(10), 108826.

Li H, et al. (2017) RNA Helicase DDX5 Inhibits Reprogramming to Pluripotency by miRNA-Based Repression of RYBP and its PRC1-Dependent and -Independent Functions. Cell stem cell, 20(4), 462.