

Resource Summary Report

Generated by [NIF](#) on Sep 4, 2026

129/SvJ

RRID:MGI:5659152

Type: Organism

Proper Citation

RRID:MGI:5659152

Organism Information

URL: <http://www.informatics.jax.org/strain/MGI:5659152>

Proper Citation: RRID:MGI:5659152

Description: laboratory mouse with name 129/SvJ from MGI.

Species: laboratory mouse

Notes: Strain Type: Not Applicable

Catalog Number: 5659152

Database: Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: 129/SvJ

Record Creation Time: 20230227T022555+0000

Record Last Update: 20260829T204011+0000

Ratings and Alerts

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

No alerts have been found for 129/SvJ.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 270 mentions in open access literature.

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

Elaswad K, et al. (2026) Deficiency of Tissue Nonspecific Alkaline Phosphatase Dysregulates Microglial Morphology and Function in a Mouse Model of Infantile Hypophosphatasia. *Journal of neurochemistry*, 170(3), e70398.

Salladay-Perez IA, et al. (2026) p21+TREM2+ senescent macrophages fuel inflammaging and metabolic dysfunction-associated steatotic liver disease. *Nature aging*, 6(4), 792.

Das D, et al. (2026) Functional rescue and AI analysis of a human inactivating GPCR mutation using a small molecule. *EMBO molecular medicine*, 18(2), 725.

Miglierina E, et al. (2026) DIS3 licenses B cells for plasma cell differentiation in humans. *Cellular & molecular immunology*, 23(1), 31.

Hossain M, et al. (2026) SUMOylation Protects Endothelial Cell-Expressed Leukocyte-Specific Protein 1 from Ubiquitination-Mediated Proteasomal Degradation and Facilitates Its Nuclear Export. *International journal of molecular sciences*, 27(2).

Espinoza S, et al. (2025) Neuronal Plasticity-Dependent Paradigm and Young Plasma Treatment Prevent Synaptic and Motor Deficit in a Rett Syndrome Mouse Model. *Biomolecules*, 15(5).

Burchett JR, et al. (2025) IL-33-mediated mast cell and eosinophil function requires isoprenylation. *Frontiers in immunology*, 16, 1662170.

Shibao T, et al. (2025) CGRP?? suppresses the pathogenesis of ulcerative colitis via the immunoproteasome. *Scientific reports*, 15(1), 7224.

Mirabelli M, et al. (2025) HMGA1 deficiency: a pathogenic link between tau pathology and insulin resistance. *EBioMedicine*, 115, 105700.

Abdel Wadood N, et al. (2025) Tracheal tuft cells release ATP and link innate to adaptive immunity in pneumonia. *Nature communications*, 16(1), 584.

Schumacher PP, et al. (2025) Major basic protein and eosinophil peroxidase support microfilariae motility inhibition by eosinophil ETosis. *PLoS neglected tropical diseases*, 19(3), e0012889.

Mungara P, et al. (2025) Urinary sodium wasting and disrupted collecting duct function in mice with distal renal tubular acidosis mutations. *Disease models & mechanisms*, 18(5).

Klocke B, et al. (2024) A novel role for phospholamban in the thalamic reticular nucleus. *Scientific reports*, 14(1), 6376.

Smeir M, et al. (2024) Lymphocyte-Specific Protein 1 Regulates Expression and Stability of Endothelial Nitric Oxide Synthase. *Biomolecules*, 14(1).

Wu Z, et al. (2024) Mice lacking DIO3 exhibit sex-specific alterations in circadian patterns of corticosterone and gene expression in metabolic tissues. *BMC molecular and cell biology*, 25(1), 11.

Saxena A, et al. (2024) Aryl Hydrocarbon Receptor Regulates Muc2 Production Independently of IL-22 during Colitis. *International journal of molecular sciences*, 25(4).

Zhou W, et al. (2024) Pharmacologically inducing regenerative cardiac cells by small molecule drugs. *eLife*, 13.

Wienke J, et al. (2024) Integrative analysis of neuroblastoma by single-cell RNA sequencing identifies the NECTIN2-TIGIT axis as a target for immunotherapy. *Cancer cell*, 42(2), 283.

Sun HN, et al. (2023) PRDX1 negatively regulates bleomycin-induced pulmonary fibrosis via inhibiting the epithelial-mesenchymal transition and lung fibroblast proliferation in vitro and in vivo. *Cellular & molecular biology letters*, 28(1), 48.

Wang F, et al. (2023) Apolipoprotein A-IV-Deficient Mice in 129/SvJ Background Are Susceptible to Obesity and Glucose Intolerance. *Nutrients*, 15(22).