

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

involves: 129X1/SvJ * FVB/J

RRID:MGI:5654158

Type: Organism

Proper Citation

RRID:MGI:5654158

Organism Information

URL:

Proper Citation: RRID:MGI:5654158

Description: Strain Type: Not Specified This is a legacy resource.

Species: laboratory mouse

Notes: Strain Type: Not Specified This is a legacy resource.

Catalog Number: 5654158

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: involves: 129X1/SvJ * FVB/J

Record Creation Time: 20240120T190011+0000

Record Last Update: 20240130T201643+0000

Ratings and Alerts

No rating or validation information has been found for involves: 129X1/SvJ * FVB/J.

No alerts have been found for involves: 129X1/SvJ * FVB/J.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 38 mentions in open access literature.

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

Sarkar H, et al. (2025) Generation of a Transgenic Mouse Model for Investigating Mitochondria in Sperm. *Cells*, 14(4).

Wan P, et al. (2025) Soluble tissue factor generated by necroptosis-triggered shedding is responsible for thrombosis. *Cell research*, 35(11), 840.

Gómez-Vecino A, et al. (2023) Intermediate Molecular Phenotypes to Identify Genetic Markers of Anthracycline-Induced Cardiotoxicity Risk. *Cells*, 12(15).

Duarte P, et al. (2023) Regulatory changes associated with the head to trunk developmental transition. *BMC biology*, 21(1), 170.

Zhao Q, et al. (2023) Intestinal dysbiosis exacerbates the pathogenesis of psoriasis-like phenotype through changes in fatty acid metabolism. *Signal transduction and targeted therapy*, 8(1), 40.

Gómez-Vecino A, et al. (2023) Intermediate molecular phenotypes to identify genetic markers of anthracycline-induced cardiotoxicity risk. *bioRxiv : the preprint server for biology*.

Tomaszowski KH, et al. (2023) Hypomorphic Brca2 and Rad51c double mutant mice display Fanconi anemia, cancer and polygenic replication stress. *Nature communications*, 14(1), 1333.

Sachdeva R, et al. (2022) A pregnancy hormone-cell death link promotes enhanced lupus-specific immunological effects. *Frontiers in immunology*, 13, 1051779.

Jalandra R, et al. (2022) Inflammatory and deleterious role of gut microbiota-derived trimethylamine on colon cells. *Frontiers in immunology*, 13, 1101429.

Adayev T, et al. (2021) Development of a Quantitative FMRP Assay for Mouse Tissue Applications. *Genes*, 12(10).

Gupta A, et al. (2021) Declining levels of miR-382-3p at puberty trigger the onset of spermatogenesis. *Molecular therapy. Nucleic acids*, 26, 192.

Chen Z, et al. (2021) The CRTC1-MAML2 fusion is the major oncogenic driver in mucoepidermoid carcinoma. *JCI insight*, 6(7).

Scherwitzl I, et al. (2020) Sindbis Virus with Anti-OX40 Overcomes the Immunosuppressive Tumor Microenvironment of Low-Immunogenic Tumors. *Molecular therapy oncolytics*, 17, 431.

Wang BJ, et al. (2020) Adaptation within embryonic and neonatal heart environment reveals alternative fates for adult c-kit⁺ cardiac interstitial cells. *Stem cells translational medicine*, 9(5), 620.

Wang C, et al. (2020) Increased SUMO-activating enzyme SAE1/UBA2 promotes glycolysis and pathogenic behavior of rheumatoid fibroblast-like synoviocytes. *JCI insight*, 5(18).

Dai Q, et al. (2019) A Mitochondrial Progesterone Receptor Increases Cardiac Beta-Oxidation and Remodeling. *Journal of the Endocrine Society*, 3(2), 446.

Piszczyk L, et al. (2019) Mouse model of the human serotonin transporter-linked polymorphic region. *Mammalian genome : official journal of the International Mammalian Genome Society*, 30(11-12), 319.

Felts SJ, et al. (2019) Stochastic changes in gene expression promote chaotic dysregulation of homeostasis in clonal breast tumors. *Communications biology*, 2, 206.

Zuo Y, et al. (2018) Contributions of the RhoA guanine nucleotide exchange factor Net1 to polyoma middle T antigen-mediated mammary gland tumorigenesis and metastasis. *Breast cancer research : BCR*, 20(1), 41.

Li G, et al. (2016) Establishment and evaluation of a transgenic mouse model of arthritis induced by overexpressing human tumor necrosis factor alpha. *Biology open*, 5(4), 418.