

Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

involves: 129/SvEvBrd * 129S1/Sv * 129X1/SvJ * FVB/N

RRID:MGI:5655596

Type: Organism

Proper Citation

RRID:MGI:5655596

Organism Information

URL:

Proper Citation: RRID:MGI:5655596

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: 5655596

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: involves: 129/SvEvBrd * 129S1/Sv * 129X1/SvJ * FVB/N

Record Creation Time: 20240120T190002+0000

Record Last Update: 20240130T201638+0000

Ratings and Alerts

No rating or validation information has been found for involves: 129/SvEvBrd * 129S1/Sv * 129X1/SvJ * FVB/N.

No alerts have been found for involves: 129/SvEvBrd * 129S1/Sv * 129X1/SvJ * FVB/N.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Belloch FB, et al. (2021) Primary role for melatonin MT2 receptors in the regulation of anhedonia and circadian temperature rhythm. *European neuropsychopharmacology : the journal of the European College of Neuropsychopharmacology*, 44, 51.

da Luz MHM, et al. (2020) Sleep deprivation regulates availability of PrPC and A β peptides which can impair interaction between PrPC and laminin and neuronal plasticity. *Journal of neurochemistry*, 153(3), 377.

Noy PJ, et al. (2019) Tspan18 is a novel regulator of the Ca²⁺ channel Orai1 and von Willebrand factor release in endothelial cells. *Haematologica*, 104(9), 1892.

Cesaro A, et al. (2019) Enhanced myelopoiesis and aggravated arthritis in S100a8-deficient mice. *PLoS one*, 14(8), e0221528.

Normand S, et al. (2018) Proteasomal degradation of NOD2 by NLRP12 in monocytes promotes bacterial tolerance and colonization by enteropathogens. *Nature communications*, 9(1), 5338.

Vogelgesang S, et al. (2018) Persistent Expression of Serotonin Receptor 5b Alters Breathing Behavior in Male MeCP2 Knockout Mice. *Frontiers in molecular neuroscience*, 11, 28.

Barnes TD, et al. (2017) Group and Individual Variability in Mouse Pup Isolation Calls Recorded on the Same Day Show Stability. *Frontiers in behavioral neuroscience*, 11, 243.

Pettersson H, et al. (2017) SLC10A4 regulates IgE-mediated mast cell degranulation in vitro and mast cell-mediated reactions in vivo. *Scientific reports*, 7(1), 1085.

Barnes TD, et al. (2016) Knockout of Lysosomal Enzyme-Targeting Gene Causes Abnormalities in Mouse Pup Isolation Calls. *Frontiers in behavioral neuroscience*, 10, 237.

Shrestha P, et al. (2015) Layer 2/3 pyramidal cells in the medial prefrontal cortex moderate stress induced depressive behaviors. *eLife*, 4.

Dvash E, et al. (2015) Leukotriene C4 is the major trigger of stress-induced oxidative DNA damage. *Nature communications*, 6, 10112.

Rice DS, et al. (2015) Adiponectin receptor 1 conserves docosahexaenoic acid and promotes photoreceptor cell survival. *Nature communications*, 6, 6228.

Herrera VL, et al. (2015) A functional 12T-insertion polymorphism in the ATP1A1 promoter confers decreased susceptibility to hypertension in a male Sardinian population. PloS one, 10(1), e0116724.

Gispert S, et al. (2015) Potentiation of neurotoxicity in double-mutant mice with Pink1 ablation and A53T-SNCA overexpression. Human molecular genetics, 24(4), 1061.

Drgonova J, et al. (2015) Altered CSMD1 Expression Alters Cocaine-Conditioned Place Preference: Mutual Support for a Complex Locus from Human and Mouse Models. PloS one, 10(7), e0120908.

Steen VM, et al. (2013) Neuropsychological deficits in mice depleted of the schizophrenia susceptibility gene CSMD1. PloS one, 8(11), e79501.

Pearce LR, et al. (2013) KSR2 mutations are associated with obesity, insulin resistance, and impaired cellular fuel oxidation. Cell, 155(4), 765.

Distler MG, et al. (2012) Assessment of behaviors modeling aspects of schizophrenia in Csm1 mutant mice. PloS one, 7(12), e51235.

Arumugam M, et al. (2011) Increased susceptibility of 129SvEvBrd mice to IgE-Mast cell mediated anaphylaxis. BMC immunology, 12, 14.

Al-Shami A, et al. (2010) Regulators of the proteasome pathway, Uch37 and Rpn13, play distinct roles in mouse development. PloS one, 5(10), e13654.