

Resource Summary Report

Generated by [dkNET](#) on Aug 13, 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 [dkNET](#) .

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.

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

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

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

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.

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.

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 *Csmd1* 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.