

Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

B6129SF1/J

RRID:IMSR_JAX:101043

Type: Organism

Proper Citation

RRID:IMSR_JAX:101043

Organism Information

URL: <https://www.jax.org/strain/101043>

Proper Citation: RRID:IMSR_JAX:101043

Description: Mus musculus with name B6129SF1/J from IMSR.

Species: Mus musculus

Synonyms: (C57BL/6J x 129S1/SvImJ)F1/J. B6129SF1/J +

+ +

Notes: gene symbol note: ; unclassified:

Catalog Number: JAX:101043

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6129SF1/J

Record Creation Time: 20250513T053915+0000

Record Last Update: 20260815T050818+0000

Ratings and Alerts

No rating or validation information has been found for B6129SF1/J.

No alerts have been found for B6129SF1/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 100 mentions in open access literature.

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

Hao L, et al. (2026) Heart rate and sleep history encode ultradian REM sleep timing. *Current biology* : CB, 36(6), 1422.

Komal R, et al. (2026) ipRGC properties prevent light from shifting the SCN clock during daytime. *Nature*.

Puja A, et al. (2026) Early proteomic signatures of Alzheimer's disease in the retina and brain of 3xTg-AD mice. *Frontiers in cell and developmental biology*, 14, 1827348.

Suzuki K, et al. (2026) Targeting the $\alpha 5$ Integrin Modifies the TGF β -Rich Tumor Microenvironment of Pancreatic Cancer. *Cancer research*, 86(15), 3801.

Wan J, et al. (2026) MAPK Pathway Mutations Emerge in Mutant IDH1 Inhibitor-Resistant Cholangiocarcinoma and Attenuate the IFN Response. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(5), 925.

Montenegro P, et al. (2026) Prenatal Alcohol Exposure Disrupts γ -Secretase Activity and Impairs Learning and Memory in Wild-Type and 3xTg-AD Mice. *bioRxiv : the preprint server for biology*.

Obenaus M, et al. (2026) T cell engagers control solid tumors through clonal replacement and IL2-driven effector differentiation of CD8 T cells. *bioRxiv : the preprint server for biology*.

Zhao Z, et al. (2025) Sickle cell disease induces chromatin introversion and ferroptosis in CD8⁺ T cells to suppress anti-tumor immunity. *Immunity*, 58(6), 1484.

Vykoukal J, et al. (2025) Vesicle-mediated mitochondrial clearance presents an actionable metabolic vulnerability in triple-negative breast cancer. *Cell reports. Medicine*, 6(12), 102478.

Jovanovic J, et al. (2025) Diet gel-based oral drug delivery system for controlled dosing of small molecules for microglia depletion and inducible Cre recombination in mice. *Lab animal*, 54(10), 278.

English IA, et al. (2025) Myc and Kras cooperate in adult acinar cells to drive phenotypic heterogeneity, metastasis, and therapeutic resistance in a novel pancreatic cancer mouse model. *bioRxiv : the preprint server for biology*.

Kang J, et al. (2024) Cell-autonomous role of leucine-rich repeat kinase in the protection of dopaminergic neuron survival. *eLife*, 12.

Yamaguchi N, et al. (2024) A Targetable Secreted Neural Protein Drives Pancreatic Cancer Metastatic Colonization and HIF1 α Nuclear Retention. *Cancer discovery*, 14(12), 2489.

Lee JH, et al. (2024) TGF- β and RAS jointly unmask primed enhancers to drive metastasis. *Cell*, 187(22), 6182.

Choi A, et al. (2024) Circuit mechanism underlying fragmented sleep and memory deficits in 16p11.2 deletion mouse model of autism. *iScience*, 27(12), 111285.

Soomro A, et al. (2023) A therapeutic target for CKD: activin A facilitates TGF β 1 profibrotic signaling. *Cellular & molecular biology letters*, 28(1), 10.

Poplawsky AJ, et al. (2023) Odor-evoked layer-specific fMRI activities in the awake mouse olfactory bulb. *NeuroImage*, 274, 120121.

Lee C, et al. (2023) Whole-brain mapping of long-range inputs to the VIP-expressing inhibitory neurons in the primary motor cortex. *Frontiers in neural circuits*, 17, 1093066.

Jia S, et al. (2023) The dark kinase STK32A regulates hair cell planar polarity opposite of EMX2 in the developing mouse inner ear. *eLife*, 12.

Jaspers JE, et al. (2023) IL-18-secreting CAR T cells targeting DLL3 are highly effective in small cell lung cancer models. *The Journal of clinical investigation*, 133(9).