

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.org) on Apr 1, 2025

## B6129SF1/J

RRID:IMSR\_JAX:101043

Type: Organism

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### Proper Citation

RRID:IMSR\_JAX:101043

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### 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:** International Mouse Resource Center IMSR, JAX

**Database Abbreviation:** IMSR

**Availability:** live

**Alternate IDs:** IMSR\_JAX:101043

**Organism Name:** B6129SF1/J

**Record Creation Time:** 20230509T193352+0000

**Record Last Update:** 20240104T175330+0000

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### Ratings and Alerts

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

No alerts have been found for B6129SF1/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** International Mouse Resource Center IMSR, JAX

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## Usage and Citation Metrics

We found 89 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

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

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

Soomro A, et al. (2023) A therapeutic target for CKD: activin A facilitates TGF $\beta$ 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.

Man KNM, et al. (2023)  $\beta$ 1-Adrenergic receptor-PKC-Pyk2-Src signaling boosts L-type Ca<sup>2+</sup> channel CaV1.2 activity and long-term potentiation in rodents. *eLife*, 12.

Andre AB, et al. (2023) Single cell analysis reveals satellite cell heterogeneity for proinflammatory chemokine expression. *Frontiers in cell and developmental biology*, 11, 1084068.

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).

Biswas S, et al. (2023) Neuroendocrine lineage commitment of small cell lung cancers can be leveraged into p53-independent non-cytotoxic therapy. *Cell reports*, 42(8), 113016.

Mori H, et al. (2023) Aberrant Expression of GABA-Related Genes in the Hippocampus of 3xTg-AD Model Mice from the Early to End Stages of Alzheimer's Disease. *Journal of Alzheimer's disease : JAD*, 94(1), 177.

Béland-Millar A, et al. (2023) 16p11.2 haploinsufficiency reduces mitochondrial biogenesis in brain endothelial cells and alters brain metabolism in adult mice. *Cell reports*, 42(5), 112485.

Chakraborty R, et al. (2022) Melanopsin modulates refractive development and myopia. *Experimental eye research*, 214, 108866.

Weil T, et al. (2022) Daily changes in light influence mood via inhibitory networks within the thalamic perihabenular nucleus. *Science advances*, 8(23), eabn3567.

Dang G, et al. (2022) T lymphocyte-derived extracellular vesicles aggravate abdominal aortic aneurysm by promoting macrophage lipid peroxidation and migration via pyruvate kinase muscle isozyme 2. *Redox biology*, 50, 102257.

Wu T, et al. (2022) 53BP1-ACLY-SLBP-coordinated activation of replication-dependent histone biogenesis maintains genomic integrity. *Nucleic acids research*, 50(3), 1465.

Lee C, et al. (2022) Cell-type-specific responses to associative learning in the primary motor cortex. *eLife*, 11.

Pham TN, et al. (2022) Inhibition of MNKs promotes macrophage immunosuppressive phenotype to limit CD8+ T cell antitumor immunity. *JCI insight*, 7(9).

Calco GN, et al. (2022) Insulin increases sensory nerve density and reflex bronchoconstriction in obese mice. *JCI insight*, 7(20).

Sheppard K, et al. (2022) Stride-level analysis of mouse open field behavior using deep-learning-based pose estimation. *Cell reports*, 38(2), 110231.