

Resource Summary Report

Generated by T1D on Sep 19, 2026

B6129SF2/J

RRID:IMSR_JAX:101045

Type: Organism

Proper Citation

RRID:IMSR_JAX:101045

Organism Information

URL: <https://www.jax.org/strain/101045>

Proper Citation: RRID:IMSR_JAX:101045

Description: Mus musculus with name B6129SF2/J from IMSR.

Species: Mus musculus

Synonyms: (C57BL/6J x 129S1/SvImJ)F2/J. (B6129SF1/J +
+ +)F2

Notes: gene symbol note: ; unclassified:

Catalog Number: JAX:101045

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6129SF2/J

Record Creation Time: 20250513T053915+0000

Record Last Update: 20260919T055058+0000

Ratings and Alerts

No rating or validation information has been found for B6129SF2/J.

No alerts have been found for B6129SF2/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 235 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Li S, et al. (2026) Ganglioside sialylation modulates tau internalization and pathology spread. *Molecular psychiatry*, 31(5), 2561.

Dai CL, et al. (2026) Therapeutic nanoliposome vaccine targeting multiple A β and tau epitopes reduces AD-like brain pathologies and rescues cognitive deficits in 3xTg-AD mice. *Brain, behavior, & immunity - health*, 51, 101167.

Jung W, et al. (2026) Spatial transcriptome mapping identifies Ppara-Anxa2 cross-talk in microplastic-induced hepatotoxicity. *Science advances*, 12(25), eaec8681.

Recio BS, et al. (2026) A timeline of structural and functional consequences to ipRGCs in a mouse model of Alzheimer's disease. *Neurobiology of aging*, 160, 47.

Choi SJ, et al. (2026) α -Synuclein expression is required for somatodendritic dopamine release and immediate early gene induction. *Science advances*, 12(5), eady6978.

Singh M, et al. (2026) Design and Development of a Novel LXR α /PPAR α Dual Agonist for Memory Impairment and Pathology in 3xTg-AD Animal Model of Alzheimer's Disease. *ACS chemical biology*, 21(7), 1690.

Nanclares C, et al. (2025) Beyond the brain: early autonomic dysfunction in Alzheimer's disease. *Acta neuropathologica communications*, 13(1), 128.

Liang C, et al. (2025) Disruption of normal brain distribution of [18 F]Nifene to $\alpha 4\beta 2^*$ nicotinic acetylcholinergic receptors in old B6129SF2/J mice and transgenic 3xTg-AD mice model of Alzheimer's disease: In Vivo PET/CT imaging studies. *NeuroImage*, 309, 121092.

Bae JW, et al. (2025) Cortical VIP neurons as a critical node for dopamine actions. *Science advances*, 11(1), eadn3221.

Moschonas EH, et al. (2025) Assessment of Neurobehavioral Performance and Markers of Synaptic Vesicle Trafficking in an Alpha-Synuclein Knockout Mouse Model after Controlled Cortical Impact Injury. *Neurotrauma reports*, 6(1), 854.

Hernandez DE, et al. (2025) Fast updating feedback from piriform cortex to the olfactory bulb relays multimodal identity and reward contingency signals during rule-reversal. *Nature communications*, 16(1), 937.

Torres M, et al. (2025) Relative Quantitation of EFNA1 Expression in Mouse Heart Tissue Histologic Sections Using MALDI-MSI. *International journal of molecular sciences*, 26(4).

Huang H, et al. (2025) Deficiency of nNOS in adult-born dentate granule cells causes epilepsy. *Epilepsia open*, 10(5), 1617.

Acero G, et al. (2025) Splenomegaly, Spleen Amyloidosis and Neutrophil Infiltration are Present in 3xTg-AD, but not Tg-SwDI Mice. *Neuromolecular medicine*, 27(1), 61.

Montes MM, et al. (2025) ASIC1a-associated mechanical hypersensitivity in the Glaxo Fabry disease mouse model. *Neurobiology of pain (Cambridge, Mass.)*, 18, 100189.

Al Madhoun A, et al. (2025) TNF- α /NF- κ B mediated upregulation of Dectin-1 in hyperglycemic obesity: implications for metabolic inflammation and diabetes. *Journal of translational medicine*, 23(1), 462.

Zhang H, et al. (2025) Follicular regulatory T cells restrain kidney allograft rejection in mice by suppressing alloreactive B cells. *Nature communications*, 16(1), 2151.

Heintz MM, et al. (2025) Comparison of phenotypic and transcriptomic profiles between HFPO-DA and prototypical PPAR α , PPAR γ , and cytotoxic agents in wild-type and Ppara-null mouse livers. *Toxicological sciences : an official journal of the Society of Toxicology*, 206(1), 183.

Zhang J, et al. (2025) Sex dependent correlation of spleen atrophy and behavior deficits induced by binge treatment with ethanol in rodent models. *NeuroImmune pharmacology and therapeutics*, 4(1), 59.

Park HH, et al. (2024) GV1001 reduces neurodegeneration and prolongs lifespan in 3xTg-AD mouse model through anti-aging effects. *Aging*, 16(3), 1983.