

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

B6;SJL-Tg(ACTFLPe)9205Dym/J

RRID:IMSR_JAX:003800

Type: Organism

Proper Citation

RRID:IMSR_JAX:003800

Organism Information

URL: <https://www.jax.org/strain/003800>

Proper Citation: RRID:IMSR_JAX:003800

Description: Mus musculus with name B6;SJL-Tg(ACTFLPe)9205Dym/J from IMSR.

Species: Mus musculus

Synonyms: B6;SJL-TgN(ACTFLPe)9205Dym. C57BL/6J-Dot1l. B6;J-Tg(ACTFLPe)9205Dym/J

Notes: gene symbol note: actin beta|transgene insertion 9205; Susan Dymecki|; mutant stock: ACTB|Tg(ACTFLPe)9205Dym|

Affected Gene: actin beta|transgene insertion 9205; Susan Dymecki|

Genomic Alteration: transgene insertion 9205; Susan Dymecki

Catalog Number: JAX:003800

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;SJL-Tg(ACTFLPe)9205Dym/J

Record Creation Time: 20250513T053641+0000

Record Last Update: 20260912T060425+0000

Ratings and Alerts

No rating or validation information has been found for B6;SJL-Tg(ACTFLPe)9205Dym/J.

No alerts have been found for B6;SJL-Tg(ACTFLPe)9205Dym/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 68 mentions in open access literature.

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

Komorowska JA, et al. (2025) Ndr3 is a critical regulator of peripheral T cell maturation and homeostasis. Science advances, 11(11), eads5143.

Müller L, et al. (2024) Plakophilin 4 controls the spatio-temporal activity of RhoA at adherens junctions to promote cortical actin ring formation and tissue tension. Cellular and molecular life sciences : CMLS, 81(1), 291.

Priam P, et al. (2024) Smarcd1 subunit of SWI/SNF chromatin-remodeling complexes collaborates with E2a to promote murine lymphoid specification. Developmental cell, 59(23), 3124.

Sergienko NM, et al. (2024) Sex-specific regulation of the cardiac transcriptome by the protein phosphatase 2A regulatory subunit B55?. npj metabolic health and disease, 2(1), 32.

Müller L, et al. (2024) A feedback loop between plakophilin 4 and YAP signaling regulates keratinocyte differentiation. iScience, 27(9), 110762.

Domínguez-Zorita S, et al. (2023) IF1 ablation prevents ATP synthase oligomerization, enhances mitochondrial ATP turnover and promotes an adenosine-mediated pro-inflammatory phenotype. Cell death & disease, 14(7), 413.

Solé P, et al. (2023) A T follicular helper cell origin for T regulatory type 1 cells. Cellular & molecular immunology, 20(5), 489.

Iwanami N, et al. (2023) Tnpo3 controls splicing of the pre-mRNA encoding the canonical TCR γ chain of iNKT cells. Nature communications, 14(1), 3645.

Takahashi S, et al. (2023) Sensory neuronal STAT3 is critical for IL-31 receptor expression and inflammatory itch. Cell reports, 42(12), 113433.

Zindl CL, et al. (2022) A nonredundant role for T cell-derived interleukin 22 in antibacterial defense of colonic crypts. Immunity, 55(3), 494.

Osawa Y, et al. (2021) EXOC1 plays an integral role in spermatogonia pseudopod elongation and spermatocyte stable syncytium formation in mice. *eLife*, 10.

Esparza-Moltó PB, et al. (2021) Generation of mitochondrial reactive oxygen species is controlled by ATPase inhibitory factor 1 and regulates cognition. *PLoS biology*, 19(5), e3001252.

Umezu T, et al. (2021) Smad2 and Smad3 expressed in skeletal muscle promote immobilization-induced bone atrophy in mice. *Biochemical and biophysical research communications*, 582, 111.

Vollersen N, et al. (2021) The WNT1G177C mutation specifically affects skeletal integrity in a mouse model of osteogenesis imperfecta type XV. *Bone research*, 9(1), 48.

Xie C, et al. (2021) Endoderm development requires centrioles to restrain p53-mediated apoptosis in the absence of ERK activity. *Developmental cell*, 56(24), 3334.

Thomson BR, et al. (2021) Cellular crosstalk regulates the aqueous humor outflow pathway and provides new targets for glaucoma therapies. *Nature communications*, 12(1), 6072.

Zhao L, et al. (2021) Generation and identification of a conditional knockout allele for the PSMD11 gene in mice. *BMC developmental biology*, 21(1), 4.

Liu J, et al. (2021) Facilitation of GluN2C-containing NMDA receptors in the external globus pallidus increases firing of fast spiking neurons and improves motor function in a hemiparkinsonian mouse model. *Neurobiology of disease*, 150, 105254.

Jeong SH, et al. (2021) Refractoriness of STING therapy is relieved by AKT inhibitor through effective vascular disruption in tumour. *Nature communications*, 12(1), 4405.

Banerjee S, et al. (2021) Adropin correlates with aging-related neuropathology in humans and improves cognitive function in aging mice. *NPJ aging and mechanisms of disease*, 7(1), 23.