

Resource Summary Report

Generated by [dkNET](#) on Aug 18, 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: |transgene insertion 9205; Susan Dymecki|actin beta; mutant stock: |Tg(ACTFLPe)9205Dym|ACTB

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

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: 20260815T050550+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 [dkNET](#) .

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.

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

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.

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.