

Resource Summary Report

Generated by [dkNET](#) on Aug 27, 2026

B6.Cg-Tg(ACTFLPe)9205Dym/J

RRID:IMSR_JAX:005703

Type: Organism

Proper Citation

RRID:IMSR_JAX:005703

Organism Information

URL: <https://www.jax.org/strain/005703>

Proper Citation: RRID:IMSR_JAX:005703

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

Species: Mus musculus

Synonyms: B6.SJL-Tg(ACTFLPe)9205Dym/J

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

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

Genomic Alteration: transgene insertion 9205; Susan Dymecki

Catalog Number: JAX:005703

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Tg(ACTFLPe)9205Dym/J

Record Creation Time: 20250513T053651+0000

Record Last Update: 20260815T050604+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 96 mentions in open access literature.

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

Vaquero-Siguero N, et al. (2026) TROP2 targeting reveals therapy-driven cell state dynamics in colorectal cancer. *Nature*.

Haenraets K, et al. (2026) GABAergic Gbx1 neurons of the superficial dorsal horn are critical elements of a spinal circuit for stress-induced analgesia. *Neuron*, 114(12), 2221.

Peng J, et al. (2026) Targeting G i/o -coupled GPCRs to inhibit nociceptors: insights from the serotonin receptor Htr1b and triptans. *bioRxiv : the preprint server for biology*.

Boulton A, et al. (2026) The MLLT3 YEATS domain binds histone marks (H3K9/18/27ac/cr) and ncRNA (7SK), linking transcription and RNA signaling to regulate hematopoiesis. *Cell reports*, 45(6), 117540.

Gauthier J, et al. (2026) B cell-intrinsic IL-2 signaling regulates inflammation by promoting IL-10 expression in CD25+ age-associated B cells. *Immunity*, 59(2), 354.

Paisley CE, et al. (2026) Phosphatidylserine exposure by developing astrocytes initiates microglia-mediated developmental cell death. *bioRxiv : the preprint server for biology*.

King A, et al. (2025) Shieldin and CST co-orchestrate DNA polymerase-dependent tailed-end joining reactions independently of 53BP1-governed repair pathway choice. *Nature structural & molecular biology*, 32(1), 86.

Murphy MK, et al. (2025) The transcriptional repressor BLIMP1 enforces TCF-1-dependent and -independent restriction of the memory fate of CD8+ T cells. *Immunity*, 58(10), 2472.

Snitow ME, et al. (2025) Stc1-expressing myofibroblasts are a developmentally distinct lineage cleared through apoptosis in the neonatal lung. *Cell reports*, 45(1), 116750.

Capdevila C, et al. (2024) Time-resolved fate mapping identifies the intestinal upper crypt zone as an origin of Lgr5+ crypt base columnar cells. *Cell*, 187(12), 3039.

Housset M, et al. (2024) Identification of a non-canonical planar cell polarity pathway triggered by light in the developing mouse retina. *Developmental cell*.

Kozlowski C, et al. (2024) Retinal neurons establish mosaic patterning by excluding homotypic somata from their dendritic territories. *Cell reports*, 43(8), 114615.

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

Sozzi S, et al. (2024) Inactivation of HIPK2 attenuates KRASG12D activity and prevents pancreatic tumorigenesis. *Journal of experimental & clinical cancer research : CR*, 43(1), 265.

Hu J, et al. (2024) Myeloid cell-associated aromatic amino acid metabolism facilitates CNS myelin regeneration. *NPJ Regenerative medicine*, 9(1), 1.

Goissis MD, et al. (2023) Influence of FGF4 and BMP4 on FGFR2 dynamics during the segregation of epiblast and primitive endoderm cells in the pre-implantation mouse embryo. *PloS one*, 18(7), e0279515.

Shi R, et al. (2023) Intestinal SEC16B modulates obesity by regulating chylomicron metabolism. *Molecular metabolism*, 70, 101693.

Fuchigami T, et al. (2023) Ganglioside GD3 regulates neural stem cell quiescence and controls postnatal neurogenesis. *bioRxiv : the preprint server for biology*.

Sanchez L, et al. (2023) SIM2s directed Parkin-mediated mitophagy promotes mammary epithelial cell differentiation. *Cell death and differentiation*.

Wang NK, et al. (2023) Spatiotemporal control of genome engineering in cone photoreceptors. *Cell & bioscience*, 13(1), 119.