

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 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: 20260801T050356+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 90 mentions in open access literature.

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

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.

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

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.

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.

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

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.

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

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.

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.

Kozlowski C, et al. (2023) Retinal neurons establish mosaic patterning by excluding homotypic somata from their dendritic territory. *bioRxiv : the preprint server for biology*.

Zhang J, et al. (2023) Jarid2 promotes temporal progression of retinal progenitors via repression of Foxp1. *Cell reports*, 42(3), 112237.

Sclip A, et al. (2023) Combinatorial expression of neurexins and LAR-type phosphotyrosine phosphatase receptors instructs assembly of a cerebellar circuit. *Nature communications*, 14(1), 4976.

King A, et al. (2023) Shieldin and CST co-orchestrate DNA polymerase-dependent tailed-end joining reactions independently of 53BP1-governed repair pathway choice. *bioRxiv : the preprint server for biology*.

Speck SL, et al. (2023) Hepatic palmitoyl-proteomes and acyl-protein thioesterase protein proximity networks link lipid modification and mitochondria. *Cell reports*, 42(11), 113389.

Malgady JM, et al. (2023) Pathway-specific alterations in striatal excitability and cholinergic modulation in a SAPAP3 mouse model of compulsive motor behavior. *Cell reports*, 42(11), 113384.