

Resource Summary Report

Generated by SPARC SAWG on Aug 12, 2026

C57BL/6-Tg(UBC-GFP)30Scha/J

RRID:IMSR_JAX:004353

Type: Organism

Proper Citation

RRID:IMSR_JAX:004353

Organism Information

URL: <https://www.jax.org/strain/004353>

Proper Citation: RRID:IMSR_JAX:004353

Description: Mus musculus with name C57BL/6-Tg(UBC-GFP)30Scha/J from IMSR.

Species: Mus musculus

Synonyms: B6-GFP. B6.GFP. B6-EGFP

Notes: gene symbol note: |ubiquitin C|transgene insertion 30; Brian Schaefer; coisogenic strain|mutant strain: |UBC|Tg(UBC-GFP)30Scha

Affected Gene: |ubiquitin C|transgene insertion 30; Brian Schaefer

Genomic Alteration: transgene insertion 30; Brian Schaefer

Catalog Number: JAX:004353

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: C57BL/6-Tg(UBC-GFP)30Scha/J

Record Creation Time: 20250513T053644+0000

Record Last Update: 20260808T050846+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(UBC-GFP)30Scha/J.

No alerts have been found for C57BL/6-Tg(UBC-GFP)30Scha/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 189 mentions in open access literature.

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

Thomas OG, et al. (2026) Anoctamin-2-specific T cells link Epstein-Barr virus to multiple sclerosis. *Cell*.

Griffin MF, et al. (2026) Fibroblasts of disparate developmental origins harbor anatomically variant scarring potential. *Cell*, 189(3), 783.

Kim H, et al. (2026) Myelin antigen capture in the CNS by B cells expressing EBV latent membrane protein 1 leads to demyelinating lesion formation. *Cell*.

Du S, et al. (2026) Brain-engrafted monocyte-derived macrophages from blood and skull-bone marrow exhibit distinct properties. *Neuron*, 114(11), 1986.

Dziadowiec A, et al. (2026) Low-density neutrophils preferentially infiltrate the skin compared to conventional neutrophils in an experimental psoriasis model. *Journal of immunology (Baltimore, Md. : 1950)*, 215(3).

Sucharov J, et al. (2026) Aged circulating CD8+ T cells and their secreted factors drive cognitive decline. *Immunity*, 59(6), 1651.

Higaki K, et al. (2025) Universal fibroblasts across tissues can differentiate into niche cells for hematopoietic stem cells. *Cell reports*, 44(5), 115620.

Hirai H, et al. (2025) Co-colonization and Co-culture of Lung Alveoli Epithelial Stem Cells and Their Endothelial Niche Cells. *Methods in molecular biology (Clifton, N.J.)*, 2939, 169.

Liu WH, et al. (2025) Overcoming NK-mediated rejection by anti-3rd-party central memory veto CD8 T cells through downregulation of DNAM-1 on alloreactive NK cells. *Cell reports*, 44(5), 115674.

Marchand T, et al. (2025) Periosteal skeletal stem cells can migrate into the bone marrow and support hematopoiesis after injury. *eLife*, 13.

Kothari R, et al. (2025) A mast cell receptor mediates post-stroke brain inflammation via a dural-brain axis. *Cell*.

Zhang Y, et al. (2024) Long-term mesoscale imaging of 3D intercellular dynamics across a mammalian organ. *Cell*, 187(21), 6104.

Poscablo DM, et al. (2024) An age-progressive platelet differentiation path from hematopoietic stem cells causes exacerbated thrombosis. *Cell*, 187(12), 3090.

Kirschenbaum D, et al. (2024) Time-resolved single-cell transcriptomics defines immune trajectories in glioblastoma. *Cell*, 187(1), 149.

Rosmus DD, et al. (2024) Redefining the ontogeny of hyalocytes as yolk sac-derived tissue-resident macrophages of the vitreous body. *Journal of neuroinflammation*, 21(1), 168.

Ahmad V, et al. (2024) Development of Polarity-Reversed Endometrial Epithelial Organoids. *Reproduction (Cambridge, England)*, 167(3).

Thierry GR, et al. (2024) Non-classical monocytes scavenge the growth factor CSF1 from endothelial cells in the peripheral vascular tree to ensure survival and homeostasis. *Immunity*, 57(9), 2108.

Kleczko EK, et al. (2023) Durable responses to alectinib in murine models of EML4-ALK lung cancer requires adaptive immunity. *NPJ precision oncology*, 7(1), 15.

Kusienicka A, et al. (2023) Slow-cycling murine melanoma cells display plasticity and enhanced tumorigenicity in syngeneic transplantation assay. *Neoplasia (New York, N.Y.)*, 36, 100865.

Fung HY, et al. (2023) STAT4 increases the phenotypic and functional heterogeneity of intestinal tissue-resident memory T cells. *Mucosal immunology*, 16(3), 250.