

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

B6.Cg-Tg(tetO-cre)1Jaw/J

RRID:IMSR_JAX:006234

Type: Organism

Proper Citation

RRID:IMSR_JAX:006234

Organism Information

URL: <https://www.jax.org/strain/006234>

Proper Citation: RRID:IMSR_JAX:006234

Description: Mus musculus with name B6.Cg-Tg(tetO-cre)1Jaw/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |transgene insertion 1; Jeffrey A Whitsett|tet operator; mutant strain|congenic strain: |Tg(tetO-cre)1Jaw|tetO

Affected Gene: |transgene insertion 1; Jeffrey A Whitsett|tet operator

Genomic Alteration: transgene insertion 1; Jeffrey A Whitsett

Catalog Number: JAX:006234

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Tg(tetO-cre)1Jaw/J

Record Creation Time: 20250513T053655+0000

Record Last Update: 20260801T050358+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(tetO-cre)1Jaw/J.

No alerts have been found for B6.Cg-Tg(tetO-cre)1Jaw/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 47 mentions in open access literature.

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

Scott-Solomon E, et al. (2026) Stress-induced sympathetic hyperactivation drives hair follicle necrosis to trigger autoimmunity. *Cell*, 189(1), 252.

Gallardo Montejano VI, et al. (2026) Acute deletion of PLIN5 in brown adipocytes causes mitochondrial dysfunction and cold intolerance. *bioRxiv : the preprint server for biology*.

Anbarci DN, et al. (2025) Rediscovering the rete ovarii, a secreting auxiliary structure to the ovary. *eLife*, 13.

Zhao S, et al. (2025) The adiponectin-PPAR γ axis in hepatic stellate cells regulates liver fibrosis. *Cell reports*, 44(1), 115165.

Flesken-Nikitin A, et al. (2025) Cell state dynamics during early stages of serous endometrial carcinoma. *The Journal of pathology*.

Paramore SV, et al. (2024) Vangl-dependent mesenchymal thinning shapes the distal lung during murine sacculation. *Developmental cell*, 59(10), 1302.

Wang MY, et al. (2024) Downregulation of the kidney glucagon receptor, essential for renal function and systemic homeostasis, contributes to chronic kidney disease. *Cell metabolism*, 36(3), 575.

Dawson CA, et al. (2024) Hormone-responsive progenitors have a unique identity and exhibit high motility during mammary morphogenesis. *Cell reports*, 43(12), 115073.

Benvie AM, et al. (2024) Platelet-derived growth factor receptor beta is required for embryonic specification and confinement of the adult white adipose lineage. *iScience*, 27(1), 108682.

Pei F, et al. (2024) Sensory nerve regulates progenitor cells via FGF-SHH axis in tooth root morphogenesis. *Development (Cambridge, England)*, 151(2).

An YA, et al. (2023) Endotrophin neutralization through targeted antibody treatment protects from renal fibrosis in a podocyte ablation model. *Molecular metabolism*, 69, 101680.

Bueno M, et al. (2023) CYB5R3 in type II alveolar epithelial cells protects against lung fibrosis by suppressing TGF- β 1 signaling. *JCI insight*, 8(5).

Sarkar A, et al. (2023) Intermittent fasting induces rapid hepatocyte proliferation to restore the hepatostat in the mouse liver. *eLife*, 12.

Liu K, et al. (2023) Intercellular genetic tracing of cardiac endothelium in the developing heart. *Developmental cell*, 58(16), 1502.

Anbarci DN, et al. (2023) Rediscovering the Rete Ovarii: a secreting auxiliary structure to the ovary. *bioRxiv : the preprint server for biology*.

Gao Y, et al. (2023) ALKBH5 modulates hematopoietic stem and progenitor cell energy metabolism through m6A modification-mediated RNA stability control. *Cell reports*, 42(10), 113163.

Dhillon P, et al. (2023) Increased levels of endogenous retroviruses trigger fibroinflammation and play a role in kidney disease development. *Nature communications*, 14(1), 559.

Jin Y, et al. (2022) Wnt signaling regulates hepatocyte cell division by a transcriptional repressor cascade. *Proceedings of the National Academy of Sciences of the United States of America*, 119(30), e2203849119.

Ide S, et al. (2022) Sex differences in resilience to ferroptosis underlie sexual dimorphism in kidney injury and repair. *Cell reports*, 41(6), 111610.

Goodwin K, et al. (2022) Patterning the embryonic pulmonary mesenchyme. *iScience*, 25(3), 103838.