

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

STOCK Tg(tetO-HIST1H2BJ/GFP)47Efu/J

RRID:IMSR_JAX:005104

Type: Organism

Proper Citation

RRID:IMSR_JAX:005104

Organism Information

URL: <https://www.jax.org/strain/005104>

Proper Citation: RRID:IMSR_JAX:005104

Description: Mus musculus with name STOCK Tg(tetO-HIST1H2BJ/GFP)47Efu/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |transgene insertion 47; Elaine Fuchs|H2B clustered histone 11|G protein subunit alpha transducin 2|tet operator; mutant stock: |Tg(tetO-HIST1H2BJ/GFP)47Efu|H2BC11|Gnat2|tetO

Affected Gene: |transgene insertion 47; Elaine Fuchs|H2B clustered histone 11|G protein subunit alpha transducin 2|tet operator

Genomic Alteration: transgene insertion 47; Elaine Fuchs|cone photoreceptor function loss 3

Catalog Number: JAX:005104

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: STOCK Tg(tetO-HIST1H2BJ/GFP)47Efu/J

Record Creation Time: 20250513T053648+0000

Record Last Update: 20260912T060432+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(tetO-HIST1H2BJ/GFP)47Efu/J.

No alerts have been found for STOCK Tg(tetO-HIST1H2BJ/GFP)47Efu/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 45 mentions in open access literature.

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

Gudenas BL, et al. (2026) A tumor-associated photoreceptor signature unifies distinct central nervous system malignancies. *Cancer cell*, 44(4), 831.

Ballarò R, et al. (2026) Aerobic Exercise Activates S1PR1 Signaling in Tumor Endothelial Cells to Promote Vascular Function in Pancreatic Cancer. *Cancer research*.

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.

Dennaoui R, et al. (2025) STAT-independent functions of Janus kinases 1 and 2 are obligatory for the postnatal development of mammary epithelial ducts. *Cell reports*, 45(1), 116703.

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

Anbarci DN, et al. (2024) Bulk and single-cell transcriptome datasets of the mouse fetal and adult rete ovarii and surrounding tissues. *Scientific data*, 11(1), 383.

Xia J, et al. (2024) Interleukin-1 γ modulates lymphoid differentiation of Flt3-positive multipotent progenitors after transplantation. *Cell reports*, 43(11), 114890.

Xue J, et al. (2024) Spatiotemporal Mapping and Molecular Basis of Whole-brain Circuit Maturation. *bioRxiv : the preprint server for biology*.

Wilmot JH, et al. (2024) Abnormal c-Fos expression in TetTag mice containing fos-EGFP. *Frontiers in behavioral neuroscience*, 18, 1500794.

Herms A, et al. (2024) Self-sustaining long-term 3D epithelioid cultures reveal drivers of clonal expansion in esophageal epithelium. *Nature genetics*, 56(10), 2158.

Zhao R, et al. (2024) Sustained amphiregulin expression in intermediate alveolar stem cells drives progressive fibrosis. *Cell stem cell*, 31(9), 1344.

Teng SW, et al. (2023) Altered fear engram encoding underlying conditioned versus unconditioned stimulus-initiated memory updating. *Science advances*, 9(23), eadf0284.

Anbarci DN, et al. (2023) Transcriptome analysis of the mouse fetal and adult rete ovarii and surrounding tissues. *bioRxiv : the preprint server for biology*.

Bok S, et al. (2023) A multi-stem cell basis for craniosynostosis and calvarial mineralization. *Nature*, 621(7980), 804.

Kam CY, et al. (2023) Mechanisms of skin vascular maturation and maintenance captured by longitudinal imaging of live mice. *Cell*, 186(11), 2345.

Voisin B, et al. (2023) Macrophage-mediated extracellular matrix remodeling controls host *Staphylococcus aureus* susceptibility in the skin. *Immunity*, 56(7), 1561.

Hamersky M, et al. (2023) Streamlined Intravital Imaging Approach for Long-Term Monitoring of Epithelial Tissue Dynamics on an Inverted Confocal Microscope. *Journal of visualized experiments : JoVE*(196).

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

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.

Jessen K, et al. (2022) Comparison of prefrontal cortex sucrose seeking ensembles engaged in multiple seeking sessions: Context is key. *Journal of neuroscience research*, 100(4), 1008.