

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.org) on Apr 2, 2025

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

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

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

**Catalog Number:** JAX:005104

**Database:** International Mouse Resource Center IMSR, JAX

**Database Abbreviation:** IMSR

**Availability:** live

**Alternate IDs:** IMSR\_JAX:5104

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

**Record Creation Time:** 20230509T193246+0000

**Record Last Update:** 20240104T174824+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:** International Mouse Resource Center IMSR, JAX

---

## Usage and Citation Metrics

We found 40 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

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.

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.

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

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.

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

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

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

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

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

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

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

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).

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.

D'Amato G, et al. (2022) Endocardium-to-coronary artery differentiation during heart development and regeneration involves sequential roles of *Bmp2* and *Cxcl12/Cxcr4*. *Developmental cell*, 57(22), 2517.

Huang S, et al. (2021) *Lgr6* marks epidermal stem cells with a nerve-dependent role in wound re-epithelialization. *Cell stem cell*, 28(9), 1582.

Farrelly O, et al. (2021) Two-photon live imaging of single corneal stem cells reveals compartmentalized organization of the limbal niche. *Cell stem cell*, 28(7), 1233.

Engelbrecht E, et al. (2020) Sphingosine 1-phosphate-regulated transcriptomes in heterogenous arterial and lymphatic endothelium of the aorta. *eLife*, 9.

Rutledge EA, et al. (2020) Genetic manipulation of ureteric bud tip progenitors in the mammalian kidney through an *Adams18* enhancer driven tet-on inducible system. *Developmental biology*, 458(2), 164.