

# Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

## STOCK Tg(TCF/Lef1-HIST1H2BB/EGFP)61Hadj/J

RRID:IMSR\_JAX:013752

Type: Organism

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### Proper Citation

RRID:IMSR\_JAX:013752

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### Organism Information

**URL:** <https://www.jax.org/strain/013752>

**Proper Citation:** RRID:IMSR\_JAX:013752

**Description:** Mus musculus with name STOCK Tg(TCF/Lef1-HIST1H2BB/EGFP)61Hadj/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: heat shock protein family A (Hsp70) member 1B||transgene insertion 61; Anna-Katerina Hadjantonakis|H2B clustered histone 3; mutant stock: Hspa1b||Tg(TCF/Lef1-HIST1H2BB/EGFP)61Hadj||H2BC3

**Affected Gene:** heat shock protein family A (Hsp70) member 1B||transgene insertion 61; Anna-Katerina Hadjantonakis|H2B clustered histone 3

**Genomic Alteration:** transgene insertion 61; Anna-Katerina Hadjantonakis

**Catalog Number:** JAX:013752

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** STOCK Tg(TCF/Lef1-HIST1H2BB/EGFP)61Hadj/J

**Record Creation Time:** 20250513T053726+0000

**Record Last Update:** 20260815T050637+0000

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### Ratings and Alerts

No rating or validation information has been found for STOCK Tg(TCF/Lef1-HIST1H2BB/EGFP)61Hadj/J.

No alerts have been found for STOCK Tg(TCF/Lef1-HIST1H2BB/EGFP)61Hadj/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Lei Y, et al. (2025) Deubiquitinase USP9X controls Wnt signaling for CNS vascular formation and barrier maintenance. *Developmental cell*, 60(11), 1618.

Faust TE, et al. (2025) Microglia-astrocyte crosstalk regulates synapse remodeling via Wnt signaling. *Cell*.

Durra A, et al. (2025) Protocol for constructing an accessible exposure chamber for in vitro and in vivo modeling of airway environmental exposures. *STAR protocols*, 6(3), 104069.

Lan Q, et al. (2024) Mesenchyme instructs growth while epithelium directs branching in the mouse mammary gland. *eLife*, 13.

Kaplan MM, et al. (2022) Counteractive and cooperative actions of muscle  $\beta$ -catenin and CaV1.1 during early neuromuscular synapse formation. *iScience*, 25(4), 104025.

Lamontagne JO, et al. (2022) Transcription factors AP-2 $\alpha$  and AP-2 $\beta$  regulate distinct segments of the distal nephron in the mammalian kidney. *Nature communications*, 13(1), 2226.

Russell JP, et al. (2021) Pituitary stem cells produce paracrine WNT signals to control the expansion of their descendant progenitor cells. *eLife*, 10.

Syed SM, et al. (2020) Endometrial Axin2<sup>+</sup> Cells Drive Epithelial Homeostasis, Regeneration, and Cancer following Oncogenic Transformation. *Cell stem cell*, 26(1), 64.

Koirala S, et al. (2020) Tissue-Specific Regulation of the Wnt/ $\beta$ -Catenin Pathway by PAGE4 Inhibition of Tankyrase. *Cell reports*, 32(3), 107922.

Marneros AG, et al. (2020) AP-2 $\beta$ /KCTD1 Control Distal Nephron Differentiation and Protect against Renal Fibrosis. *Developmental cell*, 54(3), 348.

McKenzie MG, et al. (2019) Non-canonical Wnt Signaling through Ryk Regulates the Generation of Somatostatin- and Parvalbumin-Expressing Cortical Interneurons. *Neuron*,

103(5), 853.

Bar C, et al. (2019) Polycomb Repressive Complex 1 Controls Maintenance of Fungiform Papillae by Repressing Sonic Hedgehog Expression. *Cell reports*, 28(1), 257.

Samarajeewa A, et al. (2018) Transcriptional response to Wnt activation regulates the regenerative capacity of the mammalian cochlea. *Development (Cambridge, England)*, 145(23).

Yang LM, et al. (2018) FGF20-Expressing, Wnt-Responsive Olfactory Epithelial Progenitors Regulate Underlying Turbinate Growth to Optimize Surface Area. *Developmental cell*, 46(5), 564.

Sumigraý KD, et al. (2018) Morphogenesis and Compartmentalization of the Intestinal Crypt. *Developmental cell*, 45(2), 183.

Adorno M, et al. (2018) Usp16 modulates Wnt signaling in primary tissues through Cdkn2a regulation. *Scientific reports*, 8(1), 17506.

Lindström NO, et al. (2015) Integrated  $\beta$ -catenin, BMP, PTEN, and Notch signalling patterns the nephron. *eLife*, 3, e04000.

Lindström NO, et al. (2015) The PI3K pathway balances self-renewal and differentiation of nephron progenitor cells through  $\beta$ -catenin signaling. *Stem cell reports*, 4(4), 551.

Wansleebeñ C, et al. (2014) Age-related changes in the cellular composition and epithelial organization of the mouse trachea. *PloS one*, 9(3), e93496.