

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 8, 2025

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

RRID:IMSR_JAX:013752

Type: Organism

Proper Citation

RRID:IMSR_JAX:013752

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 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 1B|transgene insertion 61; Anna-Katerina Hadjantonakis||H2B clustered histone 3

Genomic Alteration: transgene insertion 61; Anna-Katerina Hadjantonakis

Catalog Number: JAX:013752

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: sperm

Alternate IDs: IMSR_JAX:13752

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

Record Creation Time: 20230509T193307+0000

Record Last Update: 20250412T090548+0000

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.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

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 β -catenin and CaV1.1 during early neuromuscular synapse formation. iScience, 25(4), 104025.

Lamontagne JO, et al. (2022) Transcription factors AP-2 β and AP-2 γ 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⁺ 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/ β -Catenin Pathway by PAGE4 Inhibition of Tankyrase. Cell reports, 32(3), 107922.

Marneros AG, et al. (2020) AP-2 β /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).

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

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.

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) The PI3K pathway balances self-renewal and differentiation of nephron progenitor cells through β -catenin signaling. *Stem cell reports*, 4(4), 551.

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

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