Resource Summary Report

Generated by T1D on Sep 19, 2026

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 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: 20260919T054914+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: JAX Mice and Services

Usage and Citation Metrics

We found 19 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

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

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

Marneros AG, et al. (2020) AP-2?/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.

Sumigray 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 ?-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 ?-catenin signaling. Stem cell reports, 4(4), 551.

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