

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

B6.Cg-Tg(Pdgfrb-cre/ERT2)6096Rha/J

RRID:IMSR_JAX:029684

Type: Organism

Proper Citation

RRID:IMSR_JAX:029684

Organism Information

URL: <https://www.jax.org/strain/029684>

Proper Citation: RRID:IMSR_JAX:029684

Description: Mus musculus with name B6.Cg-Tg(Pdgfrb-cre/ERT2)6096Rha/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: platelet derived growth factor receptor; beta polypeptide|Cre recombinase and estrogen receptor 1 (human) fusion gene|transgene insertion 6096; Ralf H Adams; mutant strain|congenic strain: Pdgfrb|cre/ERT2|Tg(Pdgfrb-cre/ERT2)6096Rha

Affected Gene: platelet derived growth factor receptor; beta polypeptide|Cre recombinase and estrogen receptor 1 (human) fusion gene|transgene insertion 6096; Ralf H Adams

Genomic Alteration: transgene insertion 6096; Ralf H Adams

Catalog Number: JAX:029684

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Tg(Pdgfrb-cre/ERT2)6096Rha/J

Record Creation Time: 20250513T053810+0000

Record Last Update: 20260725T044515+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(Pdgfrb-cre/ERT2)6096Rha/J.

No alerts have been found for B6.Cg-Tg(Pdgfrb-cre/ERT2)6096Rha/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Drekolia MK, et al. (2026) Cystine import and oxidative catabolism fuel vascular growth and repair via nutrient-responsive histone acetylation. *Cell metabolism*, 38(1), 115.

Hill RZ, et al. (2026) Renal PIEZO2 is an essential regulator of renin. *Cell*, 189(1), 161.

Zawieja SD, et al. (2025) Cellular characterization of the mouse collecting lymphatic vessels reveals that lymphatic muscle cells are the innate pacemaker cells. *eLife*, 12.

Villa-Hernandez S, et al. (2025) A role for fibroblast and mural cell subsets in a nerve ligation model of neuropathic pain? *Brain, behavior, and immunity*, 129, 15.

Baptista AP, et al. (2025) TLR ligand sensing by lymph node FRCs directs intranodal lymphocyte accumulation to promote immune responses. *iScience*, 28(11), 113734.

Yoshigi M, et al. (2025) Diet-induced MASH liver fibrosis promoted by EphB2 can be targeted by small molecule tetramerization inhibitors. *bioRxiv : the preprint server for biology*.

Bhat GP, et al. (2024) Structured wound angiogenesis instructs mesenchymal barrier compartments in the regenerating nerve. *Neuron*, 112(2), 209.

Ren SY, et al. (2024) Growth hormone promotes myelin repair after chronic hypoxia via triggering pericyte-dependent angiogenesis. *Neuron*, 112(13), 2177.

Zhang Y, et al. (2023) Pericytes control vascular stability and auditory spiral ganglion neuron survival. *eLife*, 12.

Goodwin AT, et al. (2023) Stretch regulates alveologenesis and homeostasis via mesenchymal G α q/11-mediated TGF β 2 activation. *Development (Cambridge, England)*, 150(9).

Fuchs MAA, et al. (2023) Localization and characterization of proenkephalin-A as a potential biomarker for kidney disease in murine and human kidneys. *Biomarkers* :

biochemical indicators of exposure, response, and susceptibility to chemicals, 28(1), 76.

Tran NL, et al. (2022) Continuous sensing of IFN γ by hepatic endothelial cells shapes a vascular antimetastatic barrier. *eLife*, 11.

Wei X, et al. (2022) Ablating Lgr5-expressing prostatic stromal cells activates the ERK-mediated mechanosensory signaling and disrupts prostate tissue homeostasis. *Cell reports*, 40(10), 111313.

Glück C, et al. (2021) Distinct signatures of calcium activity in brain mural cells. *eLife*, 10.

Ivanova E, et al. (2021) Retina-specific targeting of pericytes reveals structural diversity and enables control of capillary blood flow. *The Journal of comparative neurology*, 529(6), 1121.

Gao J, et al. (2020) Hepatic stellate cell autophagy inhibits extracellular vesicle release to attenuate liver fibrosis. *Journal of hepatology*, 73(5), 1144.

Diéguez-Hurtado R, et al. (2019) Loss of the transcription factor RBPJ induces disease-promoting properties in brain pericytes. *Nature communications*, 10(1), 2817.