

Resource Summary Report

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

B6.Cg-Pdgfrb^{tm1.1}(cre/ERT2)Csln/J

RRID:IMSR_JAX:030201

Type: Organism

Proper Citation

RRID:IMSR_JAX:030201

Organism Information

URL: <https://www.jax.org/strain/030201>

Proper Citation: RRID:IMSR_JAX:030201

Description: Mus musculus with name B6.Cg-Pdgfrb^{tm1.1}(cre/ERT2)Csln/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; mutant strain|congenic strain: Pdgfrb|cre/ERT2

Affected Gene: platelet derived growth factor receptor; beta polypeptide|Cre recombinase and estrogen receptor 1 (human) fusion gene

Genomic Alteration: targeted mutation 1.1; Chyuan-Sheng Lin

Catalog Number: JAX:030201

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Pdgfrb^{tm1.1}(cre/ERT2)Csln/J

Record Creation Time: 20250513T053813+0000

Record Last Update: 20260725T044517+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Pdgfrb^{tm1.1(cre/ERT2)Csln/J}.

No alerts have been found for B6.Cg-Pdgfrb^{tm1.1(cre/ERT2)Csln/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

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

Atak D, et al. (2025) Longitudinal Investigation of Brain and Spinal Cord Pericytes After Inducible PDGFR^{??}+ Cell Ablation in Adult Mice. *Journal of neurochemistry*, 169(3), e70035.

Cheng J, et al. (2024) Myeloid cells coordinately induce glioma cell-intrinsic and cell-extrinsic pathways for chemoresistance via GP130 signaling. *Cell reports. Medicine*, 5(8), 101658.

Guo T, et al. (2024) Vascular architecture regulates mesenchymal stromal cell heterogeneity via P53-PDGF signaling in the mouse incisor. *Cell stem cell*, 31(6), 904.

Bejarano L, et al. (2024) Interrogation of endothelial and mural cells in brain metastasis reveals key immune-regulatory mechanisms. *Cancer cell*, 42(3), 378.

Silva Pereira S, et al. (2022) Immunopathology and Trypanosoma congolense parasite sequestration cause acute cerebral trypanosomiasis. *eLife*, 11.

Emoto T, et al. (2022) Colony stimulating factor-1 producing endothelial cells and mesenchymal stromal cells maintain monocytes within a perivascular bone marrow niche. *Immunity*, 55(5), 862.

Chen X, et al. (2022) Mouse placenta fetal macrophages arise from endothelial cells outside the placenta. *Developmental cell*, 57(23), 2652.

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.

Rustenhoven J, et al. (2021) Functional characterization of the dural sinuses as a neuroimmune interface. *Cell*, 184(4), 1000.