Resource Summary Report

Generated by dkNET on Aug 23, 2026

C57BL/6-Tg(Pdgfra-cre)1Clc/J

RRID:IMSR_JAX:013148
Type: Organism

Proper Citation

RRID:IMSR_JAX:013148

Organism Information

URL: https://www.jax.org/strain/013148

Proper Citation: RRID:IMSR_JAX:013148

Description: Mus musculus with name C57BL/6-Tg(Pdgfra-cre)1Clc/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: platelet derived growth factor receptor; alpha polypeptide||transgene insertion 1; Constance L Cepko; coisogenic strain|mutant strain: Pdgfra||Tg(Pdgfra-cre)1Clc

Affected Gene: platelet derived growth factor receptor; alpha polypeptide||transgene insertion 1; Constance L Cepko

Genomic Alteration: transgene insertion 1; Constance L Cepko

Catalog Number: JAX:013148

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: C57BL/6-Tg(Pdgfra-cre)1Clc/J

Record Creation Time: 20250513T053724+0000

Record Last Update: 20260815T050635+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(Pdgfra-cre)1Clc/J.

No alerts have been found for C57BL/6-Tg(Pdgfra-cre)1Clc/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 39 mentions in open access literature.

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

Pokatayev V, et al. (2026) Bidirectional CRISPR screens decode a GLIS3-dependent fibrotic cell circuit. Nature, 650(8103), 997.

Tam HT, et al. (2026) Hyperinnervation inhibits organ-level regeneration in mammalian skin. Cell, 189(11), 3270.

Chan H, et al. (2025) Psychological stress increases skin infection through the action of TGF? to suppress immune-acting fibroblasts. Science immunology, 10(106), eads0519.

Yang C, et al. (2025) Glucose-activated JMJD1A drives visceral adipogenesis via ?-ketoglutarate-dependent chromatin remodeling. Cell reports, 44(8), 116060.

Imanishi I, et al. (2025) A basophil-fibroblast pro-inflammatory axis fuels type 2 skin inflammation. Cell reports, 44(8), 116114.

Greicius G, et al. (2025) Telocytes deliver essential Wnts directly to murine intestinal stem cells via synapse-like contacts. Developmental cell.

Wang G, et al. (2024) Adipose-tissue Treg cells restrain differentiation of stromal adipocyte precursors to promote insulin sensitivity and metabolic homeostasis. Immunity, 57(6), 1345.

Gao KM, et al. (2024) Endothelial cell expression of a STING gain-of-function mutation initiates pulmonary lymphocytic infiltration. Cell reports, 43(4), 114114.

Liao X, et al. (2024) Adipose stem cells control obesity-induced T cell infiltration into adipose tissue. Cell reports, 43(3), 113963.

Qin G, et al. (2023) Distinct niche structures and intrinsic programs of fallopian tube and ovarian surface epithelial cells. iScience, 26(1), 105861.

Siewiera J, et al. (2023) Circumvention of luteolysis reveals parturition pathways in mice dependent upon innate type 2 immunity. Immunity, 56(3), 606.

Saavedra-Peña RDM, et al. (2023) Estradiol cycling drives female obesogenic adipocyte hyperplasia. Cell reports, 42(4), 112390.

Dahl KD, et al. (2023) mTORC2 Loss in Oligodendrocyte Progenitor Cells Results in Regional Hypomyelination in the Central Nervous System. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(4), 540.

Kurahashi M, et al. (2022) PDGFR?+ Interstitial Cells are Effector Cells of PACAP Signaling in Mouse and Human Colon. Cellular and molecular gastroenterology and hepatology, 14(2), 357.

Zhang K, et al. (2022) A functional circuit formed by the autonomic nerves and myofibroblasts controls mammalian alveolar formation for gas exchange. Developmental cell, 57(13), 1566.

Robinson R, et al. (2022) Generation and characterization of a Müller-glial-cell-specific Il6ra knockout mouse to delineate the effects of IL-6 trans-signaling in the retina. Scientific reports, 12(1), 17626.

Yang X, et al. (2022) Very-low-density lipoprotein receptor-enhanced lipid metabolism in pancreatic stellate cells promotes pancreatic fibrosis. Immunity, 55(7), 1185.

Gong Z, et al. (2022) Lipid-laden lung mesenchymal cells foster breast cancer metastasis via metabolic reprogramming of tumor cells and natural killer cells. Cell metabolism, 34(12), 1960.

Yao L, et al. (2022) Temporal control of PDGFR? regulates the fibroblast-to-myofibroblast transition in wound healing. Cell reports, 40(7), 111192.

Yamamoto M, et al. (2022) Overexpression of Wild-Type ACVR1 in Fibrodysplasia Ossificans Progressiva Mice Rescues Perinatal Lethality and Inhibits Heterotopic Ossification. Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research, 37(11), 2077.