Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 30, 2025

B6.129S4-Pdgfra$^{tm11(EGFP)Sor}$/J

RRID:IMSR_JAX:007669
Type: Organism

Proper Citation

RRID:IMSR_JAX:007669

Organism Information

URL: https://www.jax.org/strain/007669

Proper Citation: RRID:IMSR_JAX:007669

Description: Mus musculus with name B6.129S4-Pdgfra$^{tm11(EGFP)Sor}$/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: platelet derived growth factor receptor; alpha polypeptide||Histone H2B-enhanced Green Fluorescent Protein|platelet derived growth factor receptor; alpha polypeptide||Histone H2B-enhanced Green Fluorescent Protein; mutant strain: Pdgfra||H2B-eGFP|Pdgfra||H2B-eGFP

Affected Gene: platelet derived growth factor receptor; alpha polypeptide||Histone H2B-enhanced Green Fluorescent Protein|platelet derived growth factor receptor; alpha polypeptide||Histone H2B-enhanced Green Fluorescent Protein

Genomic Alteration: targeted mutation 11; Philippe Soriano

Catalog Number: JAX:007669

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: live

Alternate IDs: IMSR_JAX:7669

Organism Name: B6.129S4-Pdgfra$^{tm11(EGFP)Sor}$/J

Record Creation Time: 20230509T193254+0000

Record Last Update: 20240104T174917+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-Pdgfra$^{tm11(EGFP)Sor}$/J.

No alerts have been found for B6.129S4-Pdgfra$^{tm11(EGFP)Sor}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 71 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Pfau SJ, et al. (2024) Characteristics of blood-brain barrier heterogeneity between brain regions revealed by profiling vascular and perivascular cells. Nature neuroscience, 27(10), 1892.

Sanketi BD, et al. (2024) Origin and adult renewal of the gut lacteal musculature from villus myofibroblasts. bioRxiv : the preprint server for biology.

Zhao R, et al. (2024) Sustained amphiregulin expression in intermediate alveolar stem cells drives progressive fibrosis. Cell stem cell, 31(9), 1344.

Huycke TR, et al. (2024) Patterning and folding of intestinal villi by active mesenchymal dewetting. Cell, 187(12), 3072.

Mariniello K, et al. (2024) Dlk1 is a novel adrenocortical stem/progenitor cell marker that predicts malignancy in adrenocortical carcinoma. bioRxiv : the preprint server for biology.

Kang X, et al. (2024) Exercise-induced Musclin determines the fate of fibro-adipogenic progenitors to control muscle homeostasis. Cell stem cell, 31(2), 212.

Grommisch D, et al. (2024) Defining the contribution of Troy-positive progenitor cells to the mouse esophageal epithelium. Developmental cell, 59(10), 1269.

Sanketi BD, et al. (2024) Villus myofibroblasts are developmental and adult progenitors of mammalian gut lymphatic musculature. Developmental cell, 59(9), 1159.

Sarkaria SM, et al. (2023) Systematic dissection of coordinated stromal remodeling identifies Sox10+ glial cells as a therapeutic target in myelofibrosis. Cell stem cell, 30(6), 832.

Dowbaj AM, et al. (2023) Generation of liver mesenchyme and ductal cell organoid co-culture using cell self-aggregation and droplet microfluidics. STAR protocols, 4(2), 102333.

Castillo-Azofeifa D, et al. (2023) A DLG1-ARHGAP31-CDC42 axis is essential for the intestinal stem cell response to fluctuating niche Wnt signaling. Cell stem cell, 30(2), 188.

Kraiczy J, et al. (2023) Graded BMP signaling within intestinal crypt architecture directs self-organization of the Wnt-secreting stem cell niche. Cell stem cell, 30(4), 433.

Pietilä R, et al. (2023) Molecular anatomy of adult mouse leptomeninges. Neuron, 111(23), 3745.

Chen L, et al. (2023) TGFB1 induces fetal reprogramming and enhances intestinal regeneration. Cell stem cell, 30(11), 1520.

Wei H, et al. (2023) Organ function is preserved despite reorganization of niche architecture in the hair follicle. Cell stem cell, 30(7), 962.

Delcroix V, et al. (2023) The First Transcriptomic Atlas of the Adult Lacrimal Gland Reveals Epithelial Complexity and Identifies Novel Progenitor Cells in Mice. Cells, 12(10).

Heydarian M, et al. (2022) Relationship between impaired BMP signalling and clinical risk factors at early-stage vascular injury in the preterm infant. Thorax, 77(12), 1176.

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.

Kurosawa T, et al. (2022) Whole-mount immunofluorescence staining of mesenchymal progenitors in murine plantaris muscle. STAR protocols, 3(3), 101593.

Arostegui M, et al. (2022) Cellular taxonomy of Hic1+ mesenchymal progenitor derivatives in the limb: from embryo to adult. Nature communications, 13(1), 4989.