

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

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; mutant strain|congenic strain: |Pdgfra|H2B-eGFP

Affected Gene: [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: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

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

Record Creation Time: 20250513T053703+0000

Record Last Update: 20260725T044415+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: JAX Mice and Services

Usage and Citation Metrics

We found 76 mentions in open access literature.

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

Ding ZC, et al. (2025) Fibro-adipogenic progenitors prevent skeletal muscle degeneration at acute phase upon tendon rupture in a murine tibialis anterior tenotomy model. World journal of stem cells, 17(6), 105491.

Snitow ME, et al. (2025) Stc1-expressing myofibroblasts are a developmentally distinct lineage cleared through apoptosis in the neonatal lung. Cell reports, 45(1), 116750.

Guo Z, et al. (2025) Cavity oscillation drives pattern formation in early mammalian embryos. Cell reports, 44(3), 115342.

Van Hove H, et al. (2025) Interleukin-34-dependent perivascular macrophages promote vascular function in the brain. Immunity, 58(5), 1289.

Summers BS, et al. (2025) Demyelination Produces a Shift in the Population of Cortical Neurons That Synapse with Callosal Oligodendrocyte Progenitor Cells. eNeuro, 12(6).

Hiratsuka T, et al. (2025) Protocol for detecting 3D dermal fibroblast cellular dynamics in mice using an intravital imaging technique. STAR protocols, 6(2), 103801.

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.

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

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

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.

Dansu DK, et al. (2024) Histone H4 acetylation differentially modulates proliferation in adult oligodendrocyte progenitors. *The Journal of cell biology*, 223(11).

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

Ewing-Crystal NA, et al. (2024) Dynamic fibroblast-immune interactions shape wound healing after brain injury. *bioRxiv : the preprint server for biology*.

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

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

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.

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.

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.