

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

C57BL/6-Pdgfra^{em1(rtTA)}Xsun/J

RRID:IMSR_JAX:034459

Type: Organism

Proper Citation

RRID:IMSR_JAX:034459

Organism Information

URL: <https://www.jax.org/strain/034459>

Proper Citation: RRID:IMSR_JAX:034459

Description: Mus musculus with name C57BL/6-Pdgfra^{em1(rtTA)}Xsun/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: platelet derived growth factor receptor; alpha polypeptide; coisogenic strain|mutant strain: Pdgfra

Affected Gene: platelet derived growth factor receptor; alpha polypeptide

Genomic Alteration: endonuclease-mediated mutation 1; Xin Sun

Catalog Number: JAX:034459

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-Pdgfra^{em1(rtTA)}Xsun/J

Record Creation Time: 20250513T053843+0000

Record Last Update: 20260912T060616+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Pdgfra^{em1(rtTA)}Xsun/J.

No alerts have been found for C57BL/6-Pdgfra^{em1(rtTA)}Xsun/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Ma X, et al. (2026) A macrophage-induced subpopulation of mesenchymal cells expressing Fcer1g contributes to wound-induced fibrosis. Nature communications, 17(1).

Hamersky M, et al. (2023) Streamlined Intravital Imaging Approach for Long-Term Monitoring of Epithelial Tissue Dynamics on an Inverted Confocal Microscope. Journal of visualized experiments : JoVE(196).