

Resource Summary Report

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

C57BL/6-Tg(Pf4-icre)Q3Rsko/J

RRID:IMSR_JAX:008535

Type: Organism

Proper Citation

RRID:IMSR_JAX:008535

Organism Information

URL: <https://www.jax.org/strain/008535>

Proper Citation: RRID:IMSR_JAX:008535

Description: Mus musculus with name C57BL/6-Tg(Pf4-icre)Q3Rsko/J from IMSR.

Species: Mus musculus

Synonyms: C57BL/6-Tg(Pf4-cre)Q3Rsko/J. C57BL/6-Tg(Cxcl4-cre)Q3Rsko/J

Notes: gene symbol note: myc tag|platelet factor 4|transgene insertion Q3; Radek C Skoda|; coisogenic strain: myc tag|Pf4|Tg(Pf4-icre)Q3Rsko|

Affected Gene: myc tag|platelet factor 4|transgene insertion Q3; Radek C Skoda|

Genomic Alteration: transgene insertion Q3; Radek C Skoda

Catalog Number: JAX:008535

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: C57BL/6-Tg(Pf4-icre)Q3Rsko/J

Record Creation Time: 20250513T053709+0000

Record Last Update: 20260725T044421+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(Pf4-icre)Q3Rsko/J.

No alerts have been found for C57BL/6-Tg(Pf4-icre)Q3Rsko/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Webb BA, et al. (2025) The critical role of platelet adenylyl cyclase 6 in hemostasis and thrombosis. *Journal of thrombosis and haemostasis : JTH*, 23(8), 2604.

McKinsey GL, et al. (2025) Radial glia integrin avb8 regulates cell autonomous microglial TGF β 1 signaling that is necessary for microglial identity. *Nature communications*, 16(1), 2840.

Wang Y, et al. (2025) Involvement of Piezo 1 in inhibition of shear-induced platelet activation and arterial thrombosis by ginsenoside Rb1. *British journal of pharmacology*, 182(9), 1957.

Roweth HG, et al. (2024) Platelet Angiopoietin-1 Protects Against Murine Models of Tumor Metastasis. *Arteriosclerosis, thrombosis, and vascular biology*, 44(9), 2024.

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

Yang M, et al. (2023) STING activation in platelets aggravates septic thrombosis by enhancing platelet activation and granule secretion. *Immunity*, 56(5), 1013.

McKinsey GL, et al. (2023) Radial glia promote microglial development through integrin α V β 8 -TGF β 1 signaling. *bioRxiv : the preprint server for biology*.

Guo M, et al. (2022) Platelet-derived microRNA-223 attenuates TNF- α induced monocytes adhesion to arterial endothelium by targeting ICAM-1 in Kawasaki disease. *Frontiers in immunology*, 13, 922868.

Ma C, et al. (2022) Platelets control liver tumor growth through P2Y12-dependent CD40L release in NAFLD. *Cancer cell*, 40(9), 986.

Poli V, et al. (2022) Inhibition of transcription factor NFAT activity in activated platelets enhances their aggregation and exacerbates gram-negative bacterial septicemia. *Immunity*, 55(2), 224.

Chen Y, et al. (2021) Aging Reprograms the Hematopoietic-Vascular Niche to Impede Regeneration and Promote Fibrosis. *Cell metabolism*, 33(2), 395.

Zheng W, et al. (2019) Lung Mammary Metastases but Not Primary Tumors Induce Accumulation of Atypical Large Platelets and Their Chemokine Expression. *Cell reports*, 29(7), 1747.

Cardenas EI, et al. (2018) Platelet Munc13-4 regulates hemostasis, thrombosis and airway inflammation. *Haematologica*, 103(7), 1235.

Pinho S, et al. (2018) Lineage-Biased Hematopoietic Stem Cells Are Regulated by Distinct Niches. *Developmental cell*, 44(5), 634.