

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

C57BL/6-Ccr2^{em1(icre/ERT2)}Peng/J

RRID:IMSR_JAX:035229

Type: Organism

Proper Citation

RRID:IMSR_JAX:035229

Organism Information

URL: <https://www.jax.org/strain/035229>

Proper Citation: RRID:IMSR_JAX:035229

Description: Mus musculus with name C57BL/6-Ccr2^{em1(icre/ERT2)}Peng/J from IMSR.

Species: Mus musculus

Synonyms: C57BL/6-Ccr2/J

Notes: gene symbol note: C-C motif chemokine receptor 2; coisogenic strain|mutant strain: Ccr2

Affected Gene: C-C motif chemokine receptor 2

Genomic Alteration: endonuclease-mediated mutation 1; Bo Peng

Catalog Number: JAX:035229

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: C57BL/6-Ccr2^{em1(icre/ERT2)}Peng/J

Record Creation Time: 20250513T053847+0000

Record Last Update: 20260919T055031+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Ccr2^{em1(icre/ERT2)}Peng/J.

No alerts have been found for C57BL/6-Ccr2^{em1(icre/ERT2)}Peng/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Ibrahim AA, et al. (2026) Inflammatory macrophage-derived plasminogen activator inhibitor-1 exacerbates inflammation through efferocytosis inhibition. Cell death discovery, 12(1).

Schmiechen ZC, et al. (2026) Treg cells promote immunotherapy-induced immune evasion by restraining CD4 T cell control of MHC-I-deficient metastatic pancreatic cancer. Science immunology, 11(120), eadz4302.

Li L, et al. (2025) A bladder-blood immune barrier constituted by suburothelial perivascular macrophages restrains uropathogen dissemination. Immunity, 58(3), 568.

Wang L, et al. (2024) CCR2+ monocytes replenish border-associated macrophages in the diseased mouse brain. Cell reports, 43(4), 114120.