

# Resource Summary Report

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

## C57BL/6-Cxcr2<sup>tm1Rmra</sup>/J

RRID:IMSR\_JAX:024638

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:024638

### Organism Information

**URL:** <https://www.jax.org/strain/024638>

**Proper Citation:** RRID:IMSR\_JAX:024638

**Description:** Mus musculus with name C57BL/6-Cxcr2<sup>tm1Rmra</sup>/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: C-X-C motif chemokine receptor 2; coisogenic strain|mutant strain: Cxcr2

**Affected Gene:** C-X-C motif chemokine receptor 2

**Genomic Alteration:** targeted mutation 1; Richard Ransohoff

**Catalog Number:** JAX:024638

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** C57BL/6-Cxcr2<sup>tm1Rmra</sup>/J

**Record Creation Time:** 20250513T053751+0000

**Record Last Update:** 20260912T060534+0000

### Ratings and Alerts

No rating or validation information has been found for C57BL/6-Cxcr2<sup>tm1Rmra</sup>/J.

No alerts have been found for C57BL/6-Cxcr2<sup>tm1Rmra</sup>/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Huang J, et al. (2024) Granulocyte colony stimulating factor promotes scarless tissue regeneration. Cell reports, 43(10), 114742.

Choe D, et al. (2021) High-Fat Diet-Induced Obese Effects of Adipocyte-Specific CXCR2 Conditional Knockout in the Peritoneal Tumor Microenvironment of Ovarian Cancer. Cancers, 13(19).

Vobo??il M, et al. (2020) Toll-like receptor signaling in thymic epithelium controls monocyte-derived dendritic cell recruitment and Treg generation. Nature communications, 11(1), 2361.

Crespo M, et al. (2020) Neutrophil infiltration regulates clock-gene expression to organize daily hepatic metabolism. eLife, 9.

Liu L, et al. (2015) Spatiotemporal ablation of CXCR2 on oligodendrocyte lineage cells: Role in myelin repair. Neurology(R) neuroimmunology & neuroinflammation, 2(6), e174.