

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

C57BL/6-Cxcr2^{tm1Rmra}/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^{tm1Rmra}/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^{tm1Rmra}/J

Record Creation Time: 20250513T053751+0000

Record Last Update: 20260808T050953+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Cxcr2^{tm1Rmra}/J.

No alerts have been found for C57BL/6-Cxcr2^{tm1Rmra}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

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.