

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

B6.129P2-Ccr5^{tm1Kuz}/J

RRID:IMSR_JAX:005427

Type: Organism

Proper Citation

RRID:IMSR_JAX:005427

Organism Information

URL: <https://www.jax.org/strain/005427>

Proper Citation: RRID:IMSR_JAX:005427

Description: Mus musculus with name B6.129P2-Ccr5^{tm1Kuz}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: C-C motif chemokine receptor 5; mutant strain|congenic strain: Ccr5

Affected Gene: C-C motif chemokine receptor 5

Genomic Alteration: targeted mutation 1; William A Kuziel

Catalog Number: JAX:005427

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129P2-Ccr5^{tm1Kuz}/J

Record Creation Time: 20250513T053650+0000

Record Last Update: 20260815T050558+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Ccr5^{tm1Kuz}/J.

No alerts have been found for B6.129P2-Ccr5^{tm1Kuz}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Sacramento LA, et al. (2023) CCR5 promotes the migration of CD8+ T cells to the leishmanial lesions. bioRxiv : the preprint server for biology.

Anstee JE, et al. (2023) LYVE-1+ macrophages form a collaborative CCR5-dependent perivascular niche that influences chemotherapy responses in murine breast cancer. Developmental cell, 58(17), 1548.

Shi K, et al. (2022) Bone marrow hematopoiesis drives multiple sclerosis progression. Cell, 185(13), 2234.

Srivastava S, et al. (2021) Immunogenic Chemotherapy Enhances Recruitment of CAR-T Cells to Lung Tumors and Improves Antitumor Efficacy when Combined with Checkpoint Blockade. Cancer cell, 39(2), 193.

Galeano Ni??o JL, et al. (2020) Cytotoxic T cells swarm by homotypic chemokine signalling. eLife, 9.

Rolfes V, et al. (2020) Platelets Fuel the Inflammasome Activation of Innate Immune Cells. Cell reports, 31(6), 107615.

Dyer DP, et al. (2019) Chemokine Receptor Redundancy and Specificity Are Context Dependent. Immunity, 50(2), 378.