Resource Summary Report

Generated by nidm-terms on Aug 16, 2026

B6.129P2-Ccl5^{tm1Hso}/J

RRID:IMSR_JAX:005090
Type: Organism

Proper Citation

RRID:IMSR_JAX:005090

Organism Information

URL: https://www.jax.org/strain/005090

Proper Citation: RRID:IMSR_JAX:005090

Description: Mus musculus with name B6.129P2-Ccl5^{tm1Hso}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: C-C motif chemokine ligand 5; mutant strain|congenic strain: Ccl5

Affected Gene: C-C motif chemokine ligand 5

Genomic Alteration: targeted mutation 1; Hiroshi Sato

Catalog Number: JAX:005090

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.129P2-Ccl5^{tm1Hso}/J

Record Creation Time: 20250513T053648+0000

Record Last Update: 20260815T050600+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Ccl5^{tm1Hso}/J.

No alerts have been found for B6.129P2-Ccl5^{tm1Hso}/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Nelson MC, et al. (2026) MicroRNA-146a Protects against Hepatocellular Carcinoma through Suppression of CCL5. Cancer research communications, 6(2), 359.

Liao X, et al. (2024) Adipose stem cells control obesity-induced T cell infiltration into adipose tissue. Cell reports, 43(3), 113963.

Rawat K, et al. (2023) CCL5-producing migratory dendritic cells guide CCR5+ monocytes into the draining lymph nodes. The Journal of experimental medicine, 220(6).

Pichler AC, et al. (2023) TCR-independent CD137 (4-1BB) signaling promotes CD8+-exhausted T cell proliferation and terminal differentiation. Immunity, 56(7), 1631.

Chan PC, et al. (2022) Adipose Tissue-Derived CCL5 Enhances Local Pro-Inflammatory Monocytic MDSCs Accumulation and Inflammation via CCR5 Receptor in High-Fat Diet-Fed Mice. International journal of molecular sciences, 23(22).

Wu Y, et al. (2022) Targeting cIAPs attenuates CCl4-induced liver fibrosis by increasing MMP9 expression derived from neutrophils. Life sciences, 289, 120235.

Anastasaki C, et al. (2022) Human induced pluripotent stem cell engineering establishes a humanized mouse platform for pediatric low-grade glioma modeling. Acta neuropathologica communications, 10(1), 120.

Ajoy R, et al. (2021) CCL5 promotion of bioenergy metabolism is crucial for hippocampal synapse complex and memory formation. Molecular psychiatry, 26(11), 6451.

Ho MH, et al. (2021) CCL5 via GPX1 activation protects hippocampal memory function after mild traumatic brain injury. Redox biology, 46, 102067.

Li N, et al. (2021) Regulated on Activation, Normal T cell Expressed and Secreted (RANTES) drives the resolution of allergic asthma. iScience, 24(10), 103163.

Ortinau LC, et al. (2019) Identification of Functionally Distinct Mx1+?SMA+ Periosteal Skeletal Stem Cells. Cell stem cell, 25(6), 784.