

Resource Summary Report

Generated by [NIF](#) on Sep 18, 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: 20260912T060432+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 [NIF](#) .

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.

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