Resource Summary Report

Generated by kravitz2 on Aug 1, 2026

B6.129S4-Cxcl10^{tm1Adl}/J

RRID:IMSR_JAX:006087
Type: Organism

Proper Citation

RRID:IMSR_JAX:006087

Organism Information

URL: https://www.jax.org/strain/006087

Proper Citation: RRID:IMSR_JAX:006087

Description: Mus musculus with name B6.129S4-Cxcl10^{tm1Adl}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: C-X-C motif chemokine ligand 10; mutant strain|congenic strain: Cxcl10

Affected Gene: C-X-C motif chemokine ligand 10

Genomic Alteration: targeted mutation 1; Andrew D Luster

Catalog Number: JAX:006087

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129S4-Cxcl10^{tm1Adl}/J

Record Creation Time: 20250513T053654+0000

Record Last Update: 20260801T050357+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-Cxcl10^{tm1Adl}/J.

No alerts have been found for B6.129S4-Cxcl10^{tm1Adl}/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 kravitz2 .

Coburn PS, et al. (2023) The Role of C-X-C Chemokines in Staphylococcus aureus Endophthalmitis. Investigative ophthalmology & visual science, 64(3), 10.

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.

Mitchell RA, et al. (2022) Innate Immune Responses and P. falciparum CS Repeat-Specific Neutralizing Antibodies Following Vaccination by Skin Scarification. Frontiers in immunology, 13, 801111.

Hägglöf T, et al. (2022) T-bet+ B cells accumulate in adipose tissue and exacerbate metabolic disorder during obesity. Cell metabolism, 34(8), 1121.

Brandt EF, et al. (2022) Chemokine CXCL10 Modulates the Tumor Microenvironment of Fibrosis-Associated Hepatocellular Carcinoma. International journal of molecular sciences, 23(15).

Xiang W, et al. (2020) Dietary fats suppress the peritoneal seeding of colorectal cancer cells through the TLR4/Cxcl10 axis in adipose tissue macrophages. Signal transduction and targeted therapy, 5(1), 239.

Jiang Q, et al. (2017) C-X-C motif chemokine ligand 10 produced by mouse Sertoli cells in response to mumps virus infection induces male germ cell apoptosis. Cell death & disease, 8(10), e3146.

Mitagami Y, et al. (2015) Interferon-? Promotes Inflammation and Development of T-Cell Lymphoma in HTLV-1 bZIP Factor Transgenic Mice. PLoS pathogens, 11(8), e1005120.

Herzig DS, et al. (2014) The role of CXCL10 in the pathogenesis of experimental septic shock. Critical care (London, England), 18(3), R113.

Israelsson C, et al. (2014) Interacting chemokine signals regulate dendritic cells in acute brain injury. PloS one, 9(8), e104754.

Coppieters KT, et al. (2013) Functional redundancy of CXCR3/CXCL10 signaling in the recruitment of diabetogenic cytotoxic T lymphocytes to pancreatic islets in a virally induced autoimmune diabetes model. Diabetes, 62(7), 2492.