

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

C.129S1(Cg)-Ccl2^{tm1.1Tyos}/Mmnc

RRID:MMRRC_037094-UNC

Type: Organism

Proper Citation

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Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=37094

Proper Citation: RRID:MMRRC_037094-UNC

Description: Mus musculus with name C.129S1(Cg)-Ccl2^{tm1.1Tyos}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Cancer, Cardiovascular, Dermatology, Diabetes, Immunology and Inflammation, Models for Human Disease, Neurobiology, Obesity, Research Tools; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal dendritic cell physiology [MP:0002376] abnormal neutrophil physiology [MP:0002463] impaired macrophage chemotaxis [MP:0003799] decreased dendritic cell number [MP:0008127] abnormal chemokine level [MP:0008721] abnormal chemokine secretion [MP:0008722] abnormal dendritic cell chemotaxis [MP:0010740]

Affected Gene: Ccl2

Catalog Number: 037094-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:23527025](#), [PMID:19641140](#)

Alternate IDs: MMRRC_37094-UNC, MMRRC_037094, MMRRC_3794

Organism Name: C.129S1(Cg)-Ccl2^{tm1.1Tyos}/Mmnc

Record Creation Time: 20230308T055149+0000

Ratings and Alerts

No rating or validation information has been found for C.129S1(Cg)-*Ccl2*^{tm1.1Tyos}/Mmnc.

No alerts have been found for C.129S1(Cg)-*Ccl2*^{tm1.1Tyos}/Mmnc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Yoshimura T, et al. (2016) Induction of Monocyte Chemoattractant Proteins in Macrophages via the Production of Granulocyte/Macrophage Colony-Stimulating Factor by Breast Cancer Cells. *Frontiers in immunology*, 7, 2.

Yoshimura T, et al. (2015) Crosstalk between Tumor Cells and Macrophages in Stroma Renders Tumor Cells as the Primary Source of MCP-1/CCL2 in Lewis Lung Carcinoma. *Frontiers in immunology*, 6, 332.