

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

[Cxcr2^{tm1Mwm}/Cxcr2^{tm1Mwm}](#)

RRID:MGI:3514016

Type: Organism

Proper Citation

RRID:MGI:3514016

Organism Information

URL:

Proper Citation: RRID:MGI:3514016

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal NK T cell physiology, decreased airway responsiveness, impaired neutrophil recruitment, abnormal respiratory mucosa goblet cell morphology, increased susceptibility to viral infection, abnormal interleukin level, corneal vascularization, abnormal airway responsiveness, abnormal neutrophil physiology, decreased susceptibility to fungal infection, decreased sensitivity to induced morbidity/mortality, abnormal spinal cord morphology, abnormal myelination, decreased oligodendrocyte progenitor number, delayed wound healing, abnormal eosinophil physiology, abnormal cytokine secretion, impaired neutrophil chemotaxis, abnormal leukocyte physiology, abnormal T-helper 2 physiology, abnormal T-helper 1 physiology, decreased susceptibility to induced arthritis, impaired neutrophil recruitment, abnormal chemokine level, abnormal T cell physiology, abnormal interleukin level, increased IgE level, increased susceptibility to bacterial infection, impaired neutrophil chemotaxis, increased susceptibility to parasitic infection, abnormal neutrophil physiology, impaired neutrophil recruitment

Affected Gene: Cxcr2

Genomic Alteration: tm1Mwm

Catalog Number: 3514016

Background: C.129S2(B6)-Cxcr2/J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15466624](#), [PMID:14707102](#), [PMID:12176324](#), [PMID:10951241](#), [PMID:19109198](#), [PMID:12626595](#), [PMID:14500678](#), [PMID:11069247](#), [PMID:11123307](#), [PMID:11714818](#), [PMID:11046063](#), [PMID:11801688](#), [PMID:15356099](#), [PMID:15385471](#)

Organism Name: Cxcr2^{tm1Mwm}/Cxcr2^{tm1Mwm}

Record Creation Time: 20240120T190644+0000

Record Last Update: 20240130T202030+0000

Ratings and Alerts

No rating or validation information has been found for Cxcr2^{tm1Mwm}/Cxcr2^{tm1Mwm}.

No alerts have been found for Cxcr2^{tm1Mwm}/Cxcr2^{tm1Mwm}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.