

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[Cxcr4^{tm1Yzo}/Cxcr4^{tm1Yzo}](#)

RRID:MGI:3035886

Type: Organism

Proper Citation

RRID:MGI:3035886

Organism Information

URL:

Proper Citation: RRID:MGI:3035886

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

Species: Mus musculus

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

Phenotype: abnormal cerebellum external granule cell layer morphology, abnormal lymphopoiesis, hydrops fetalis, abnormal cerebral cortex morphology, abnormal B cell differentiation, decreased primordial germ cell number, impaired myelopoiesis, abnormal B cell physiology, perinatal lethality, complete penetrance, abnormal interventricular septum morphology, abnormal dentate gyrus morphology, abnormal leukopoiesis, abnormal cerebellum morphology, abnormal primordial germ cell migration, nervous system phenotype, lethality throughout fetal growth and development, incomplete penetrance, decreased fetal size, abnormal dentate gyrus morphology

Affected Gene: Cxcr4

Genomic Alteration: tm1Yzo

Catalog Number: 3035886

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11983855](#), [PMID:12183377](#), [PMID:21124917](#), [PMID:12900445](#), [PMID:9634238](#)

Organism Name: Cxcr4^{tm1Yzo}/Cxcr4^{tm1Yzo}

Record Creation Time: 20240120T190709+0000

Record Last Update: 20240130T202045+0000

Ratings and Alerts

No rating or validation information has been found for Cxcr4^{tm1Yzo}/Cxcr4^{tm1Yzo}.

No alerts have been found for Cxcr4^{tm1Yzo}/Cxcr4^{tm1Yzo}.

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.