

# Resource Summary Report

Generated by [Kravitz](#) on Sep 17, 2026

## [Cxcr4<sup>tm1Yzo</sup>/Cxcr4<sup>tm1Yzo</sup>](#)

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<sup>tm1Yzo</sup>/Cxcr4<sup>tm1Yzo</sup>

**Record Creation Time:** 20240120T190709+0000

**Record Last Update:** 20240130T202045+0000

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## Ratings and Alerts

No rating or validation information has been found for Cxcr4<sup>tm1Yzo</sup>/Cxcr4<sup>tm1Yzo</sup>.

No alerts have been found for Cxcr4<sup>tm1Yzo</sup>/Cxcr4<sup>tm1Yzo</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.