

# Resource Summary Report

Generated by [NIF](#) on Aug 28, 2026

## [Cxcl12<sup>tm1Tng</sup>/Cxcl12<sup>tm1Tng</sup>](#)

RRID:MGI:3040183

Type: Organism

### Proper Citation

RRID:MGI:3040183

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3040183

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

**Species:** Mus musculus

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

**Phenotype:** decreased pre-B cell number, neonatal lethality, complete penetrance, abnormal developmental vascular remodeling, perimembraneous ventricular septal defect, decreased bone marrow cell number, decreased pro-B cell number, abnormal vascular smooth muscle morphology, abnormal angiogenesis, decreased bone marrow cell number, abnormal cerebellum morphology, impaired myelopoiesis, thin external granule cell layer, lethality throughout fetal growth and development, incomplete penetrance, abnormal blood vessel morphology, poor arterial differentiation, nervous system phenotype

**Affected Gene:** Cxcl12

**Genomic Alteration:** tm1Tng

**Catalog Number:** 3040183

**Background:** involves: 129P2/OlaHsd

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:9689100](#), [PMID:8757135](#), [PMID:9634237](#), [PMID:23395391](#)

**Organism Name:** Cxcl12<sup>tm1Tng</sup>/Cxcl12<sup>tm1Tng</sup>

**Record Creation Time:** 20240120T190704+0000

**Record Last Update:** 20240130T202042+0000

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## Ratings and Alerts

No rating or validation information has been found for Cxcl12<sup>tm1Tng</sup>/Cxcl12<sup>tm1Tng</sup>.

No alerts have been found for Cxcl12<sup>tm1Tng</sup>/Cxcl12<sup>tm1Tng</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.