

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 1, 2026

[Cxcl12^{tm1Tng}/Cxcl12^{tm1Tng}](#)

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^{tm1Tng}/Cxcl12^{tm1Tng}

Record Creation Time: 20240120T190704+0000

Record Last Update: 20240130T202042+0000

Ratings and Alerts

No rating or validation information has been found for Cxcl12^{tm1Tng}/Cxcl12^{tm1Tng}.

No alerts have been found for Cxcl12^{tm1Tng}/Cxcl12^{tm1Tng}.

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.