

Resource Summary Report

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

Cxcl12^{tm3.1(HBEGF/EGFP)Tng}/Cxcl12⁺

RRID:MGI:4838648

Type: Organism

Proper Citation

RRID:MGI:4838648

Organism Information

URL:

Proper Citation: RRID:MGI:4838648

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

Species: Mus musculus

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

Phenotype: decreased pro-B cell number, increased B cell apoptosis, decreased common myeloid progenitor cell number, decreased bone marrow cell number, abnormal common lymphocyte progenitor cell morphology, abnormal proerythroblast morphology, abnormal hematopoietic system physiology, abnormal hematopoietic system morphology/development, abnormal hematopoietic stem cell morphology, abnormal bone marrow cell physiology, premature death, liver hemorrhage, decreased hematopoietic stem cell number, hepatic necrosis

Affected Gene: Cxcl12

Genomic Alteration: tm3.1(HBEGF/EGFP)Tng

Catalog Number: 4838648

Background: B6.Cg-Cxcl12

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20850355](#)

Organism Name: Cxcl12^{tm3.1(HBEGF/EGFP)Tng}/Cxcl12⁺

Record Creation Time: 20240120T190241+0000

Record Last Update: 20240130T201812+0000

Ratings and Alerts

No rating or validation information has been found for Cxcl12^{tm3.1(HBEGF/EGFP)Tng}/Cxcl12⁺.

No alerts have been found for Cxcl12^{tm3.1(HBEGF/EGFP)Tng}/Cxcl12⁺.

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.