

Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

[Cxcr4^{tm1Tng}/Cxcr4^{tm1Tng}](#)

RRID:MGI:3045435

Type: Organism

Proper Citation

RRID:MGI:3045435

Organism Information

URL:

Proper Citation: RRID:MGI:3045435

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

Species: Mus musculus

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

Phenotype: poor arterial differentiation, abnormal vascular smooth muscle morphology, abnormal vasculogenesis, digestive/alimentary phenotype, cardiovascular system phenotype, abnormal B cell differentiation, gastrointestinal hemorrhage, abnormal blood vessel morphology, failure of myelopoiesis, abnormal heart morphology, perinatal lethality, incomplete penetrance, thick mitral valve cusps, abnormal angiogenesis, abnormal developmental vascular remodeling, neonatal lethality, complete penetrance, embryo phenotype, nervous system phenotype, ventricular septal defect, abnormal heart right ventricle outflow tract morphology, perimembraneous ventricular septal defect

Affected Gene: Cxcr4

Genomic Alteration: tm1Tng

Catalog Number: 3045435

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23395391](#), [PMID:20829512](#), [PMID:9634237](#)

Organism Name: Cxcr4^{tm1Tng}/Cxcr4^{tm1Tng}

Record Creation Time: 20240120T190657+0000

Record Last Update: 20240130T202038+0000

Ratings and Alerts

No rating or validation information has been found for Cxcr4^{tm1Tng}/Cxcr4^{tm1Tng}.

No alerts have been found for Cxcr4^{tm1Tng}/Cxcr4^{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.