

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

[Git1^{tm1Bcb}](#)/[Git1^{tm1Bcb}](#)

RRID:MGI:4440892

Type: Organism

Proper Citation

RRID:MGI:4440892

Organism Information

URL:

Proper Citation: RRID:MGI:4440892

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

Species: Mus musculus

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

Phenotype: abnormal dendritic spine morphology, decreased vascular endothelial cell number, abnormal lung vasculature morphology, decreased vascular endothelial cell proliferation, cyanosis, respiratory distress, lung hemorrhage, decreased survivor rate, abnormal lung development, neonatal lethality, incomplete penetrance, postnatal lethality, incomplete penetrance, cardiovascular system phenotype, abnormal operant conditioning behavior, abnormal dendrite morphology, nervous system phenotype, dilated respiratory conducting tubes

Affected Gene: Git1

Genomic Alteration: tm1Bcb

Catalog Number: 4440892

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20043896](#), [PMID:19273721](#)

Organism Name: Git1^{tm1Bcb}/Git1^{tm1Bcb}

Record Creation Time: 20240120T190302+0000

Record Last Update: 20240130T201823+0000

Ratings and Alerts

No rating or validation information has been found for Git1^{tm1Bcb}/Git1^{tm1Bcb}.

No alerts have been found for Git1^{tm1Bcb}/Git1^{tm1Bcb}.

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.