

Resource Summary Report

Generated by [dkNET](#) on Jul 29, 2026

[Col4a3bp](#)[Gt\(RRF047\)Byg](#)/[Col4a3bp](#)[Gt\(RRF047\)Byg](#)

RRID:MGI:3837568

Type: Organism

Proper Citation

RRID:MGI:3837568

Organism Information

URL:

Proper Citation: RRID:MGI:3837568

Description: Allele Detail: Gene trapped This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Gene trapped This is a legacy resource.

Phenotype: abnormal mitochondrion morphology, abnormal endoplasmic reticulum morphology, abnormal heart morphology, decreased embryo size, increased heart ventricle size, thin ventricular wall, cellular phenotype, decreased cell proliferation, abnormal cell physiology, abnormal lipid homeostasis, embryonic lethality during organogenesis, complete penetrance, abnormal cardiac outflow tract development, abnormal mitochondrial physiology, abnormal cardiovascular system physiology, abnormal cardiac jelly morphology, decreased ventricle muscle contractility

Affected Gene: Col4a3bp

Genomic Alteration: Gt(RRF047)Byg

Catalog Number: 3837568

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19139267](#)

Organism Name: Col4a3bp^{Gt(RRF047)Byg}/Col4a3bp^{Gt(RRF047)Byg}

Record Creation Time: 20240120T190350+0000

Record Last Update: 20240130T201851+0000

Ratings and Alerts

No rating or validation information has been found for Col4a3bp^{Gt(RRF047)Byg}/Col4a3bp^{Gt(RRF047)Byg}.

No alerts have been found for Col4a3bp^{Gt(RRF047)Byg}/Col4a3bp^{Gt(RRF047)Byg}.

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.