

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

[MrtfbGt\(RRJ478\)Byg/MrtfbGt\(RRJ478\)Byg](#)

RRID:MGI:4456388

Type: Organism

Proper Citation

RRID:MGI:4456388

Organism Information

URL:

Proper Citation: RRID:MGI:4456388

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

Species: Mus musculus

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

Phenotype: double outlet right ventricle, right aortic arch, absent aorticopulmonary septum, impaired cardiac neural crest cell differentiation, abnormal pharyngeal arch artery morphology, ventricular septal defect, congestive heart failure, edema, perinatal lethality, incomplete penetrance, persistent truncus arteriosus, interrupted aortic arch

Affected Gene: Mrtfb

Genomic Alteration: Gt(RRJ478)Byg

Catalog Number: 4456388

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15951419](#)

Organism Name: MrtfbGt(RRJ478)Byg/MrtfbGt(RRJ478)Byg

Record Creation Time: 20240120T190257+0000

Record Last Update: 20240130T201821+0000

Ratings and Alerts

No rating or validation information has been found for Mrtfb^{Gt(RRJ478)Byg}/Mrtfb^{Gt(RRJ478)Byg}.

No alerts have been found for Mrtfb^{Gt(RRJ478)Byg}/Mrtfb^{Gt(RRJ478)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.