

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

[Mrtfb^{tm1Eno}/Mrtfb^{tm1Eno}](#)

RRID:MGI:3610554

Type: Organism

Proper Citation

RRID:MGI:3610554

Organism Information

URL:

Proper Citation: RRID:MGI:3610554

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

Species: Mus musculus

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

Phenotype: abnormal sixth pharyngeal arch artery morphology, abnormal heart and great vessel attachment, pericardial edema, double outlet right ventricle, thin myocardium, lethality throughout fetal growth and development, complete penetrance, abnormal pharyngeal arch artery morphology, vascular smooth muscle hypoplasia, abnormal fourth pharyngeal arch artery morphology, hemorrhage, perimembraneous ventricular septal defect

Affected Gene: Mrtfb

Genomic Alteration: tm1Eno

Catalog Number: 3610554

Background: involves: 129S/SvEv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16204380](#)

Organism Name: Mrtfb^{tm1Eno}/Mrtfb^{tm1Eno}

Record Creation Time: 20240120T190612+0000

Record Last Update: 20240130T202012+0000

Ratings and Alerts

No rating or validation information has been found for *Mrtfb*^{tm1Eno}/*Mrtfb*^{tm1Eno}.

No alerts have been found for *Mrtfb*^{tm1Eno}/*Mrtfb*^{tm1Eno}.

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.