

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 15, 2026

[Tmod1^{tm1Vmf}/Tmod1^{tm1Vmf}](#)

RRID:MGI:2687081

Type: Organism

Proper Citation

RRID:MGI:2687081

Organism Information

URL:

Proper Citation: RRID:MGI:2687081

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

Species: Mus musculus

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

Phenotype: thin myocardium, absent myocardial trabeculae, embryonic lethality during organogenesis, complete penetrance, embryonic growth retardation, embryonic growth arrest, distended pericardium, absent heartbeat, abnormal cardiac muscle contractility, excessive folding of visceral yolk sac, abnormal sarcomere morphology, abnormal myocardial fiber morphology, abnormal heart development, abnormal fetal atrioventricular canal morphology, abnormal head development, abnormal cardiac output, decreased embryo size

Affected Gene: Tmod1

Genomic Alteration: tm1Vmf

Catalog Number: 2687081

Background: involves: 129S7/SvEvBrd * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:14657235](#)

Organism Name: Tmod1^{tm1Vmf}/Tmod1^{tm1Vmf}

Record Creation Time: 20240120T190715+0000

Record Last Update: 20240130T202048+0000

Ratings and Alerts

No rating or validation information has been found for Tmod1^{tm1Vmf}/Tmod1^{tm1Vmf}.

No alerts have been found for Tmod1^{tm1Vmf}/Tmod1^{tm1Vmf}.

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.