

Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

[Mapk7^{tm1Wnt}/Mapk7^{tm1Wnt}](#)

RRID:MGI:3618375

Type: Organism

Proper Citation

RRID:MGI:3618375

Organism Information

URL:

Proper Citation: RRID:MGI:3618375

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

Species: Mus musculus

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

Phenotype: distended pericardium, abnormal dorsal aorta morphology, pallor, abnormal vascular development, decreased embryo size, embryonic lethality during organogenesis, complete penetrance, failure of vascular branching, abnormal vascular endothelial cell development, decreased angiogenesis, pale yolk sac, decreased heart right ventricle size, abnormal placental labyrinth vasculature morphology, abnormal endocardium morphology, trabecula carnea hypoplasia, thin myocardium, small heart, abnormal intersomitic vessel morphology, heart left ventricle hypertrophy, embryonic growth arrest, abnormal vitelline vascular remodeling

Affected Gene: Mapk7

Genomic Alteration: tm1Wnt

Catalog Number: 3618375

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12221099](#)

Organism Name: Mapk7^{tm1Wnt}/Mapk7^{tm1Wnt}

Record Creation Time: 20240120T190605+0000

Record Last Update: 20240130T202008+0000

Ratings and Alerts

No rating or validation information has been found for Mapk7^{tm1Wnt}/Mapk7^{tm1Wnt}.

No alerts have been found for Mapk7^{tm1Wnt}/Mapk7^{tm1Wnt}.

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.