

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 27, 2026

[Tie1^{tm1Sato}/Tie1^{tm1Sato}](#)

RRID:MGI:3612283

Type: Organism

Proper Citation

RRID:MGI:3612283

Organism Information

URL:

Proper Citation: RRID:MGI:3612283

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

Species: Mus musculus

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

Phenotype: abnormal endocardium morphology, skin edema, abnormal vascular endothelial cell morphology, embryonic lethality during organogenesis, incomplete penetrance, intestinal edema, hemorrhage, neonatal lethality, complete penetrance, pulmonary edema, small heart, respiratory failure

Affected Gene: Tie1

Genomic Alteration: tm1Sato

Catalog Number: 3612283

Background: either: (involves: 129S1/Sv * 129T2/SvEmsJ) or (involves: 129S1/Sv * C57BL/6J)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:7596437](#)

Organism Name: Tie1^{tm1Sato}/Tie1^{tm1Sato}

Record Creation Time: 20240120T190611+0000

Record Last Update: 20240130T202011+0000

Ratings and Alerts

No rating or validation information has been found for Tie1^{tm1Sato}/Tie1^{tm1Sato}.

No alerts have been found for Tie1^{tm1Sato}/Tie1^{tm1Sato}.

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.