

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

## [Tie1<sup>tm1Sato</sup>/Tie1<sup>tm1Sato</sup>](#)

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<sup>tm1Sato</sup>/Tie1<sup>tm1Sato</sup>

**Record Creation Time:** 20240120T190611+0000

**Record Last Update:** 20240130T202011+0000

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## Ratings and Alerts

No rating or validation information has been found for Tie1<sup>tm1Sato</sup>/Tie1<sup>tm1Sato</sup>.

No alerts have been found for Tie1<sup>tm1Sato</sup>/Tie1<sup>tm1Sato</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.