

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[Tie1^{tm1.1Scba}/Tie1^{tm1.1Scba}](#)

RRID:MGI:4441294

Type: Organism

Proper Citation

RRID:MGI:4441294

Organism Information

URL:

Proper Citation: RRID:MGI:4441294

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

Species: Mus musculus

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

Phenotype: lymphatic vessel hyperplasia, abnormal lymphatic vessel morphology, perinatal lethality, complete penetrance, abnormal lymphangiogenesis, edema, prenatal lethality, incomplete penetrance, dilated vasculature, hemorrhage

Affected Gene: Tie1

Genomic Alteration: tm1.1Scba

Catalog Number: 4441294

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6 * FVB/N

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20223757](#)

Organism Name: Tie1^{tm1.1Scba}/Tie1^{tm1.1Scba}

Record Creation Time: 20240120T190302+0000

Record Last Update: 20240130T201823+0000

Ratings and Alerts

No rating or validation information has been found for Tie1^{tm1.1Scba}/Tie1^{tm1.1Scba}.

No alerts have been found for Tie1^{tm1.1Scba}/Tie1^{tm1.1Scba}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Inverso D, et al. (2021) A spatial vascular transcriptomic, proteomic, and phosphoproteomic atlas unveils an angiocrine Tie-Wnt signaling axis in the liver. Developmental cell, 56(11), 1677.