

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

## Tg(tetO-cre)1Jaw; Tg(SFTPC-rtTA)5Jaw; Vegfa tm2Gne/Vegfa<sup>tm2Gne</sup>

RRID:MGI:4938179

Type: Organism

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### Proper Citation

RRID:MGI:4938179

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### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4938179

**Description:** Allele Detail: Targeted, Transgenic This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Targeted, Transgenic This is a legacy resource.

**Phenotype:** abnormal lung epithelium morphology, abnormal lung development, abnormal pulmonary circulation, abnormal pulmonary acinus morphology, decreased mesenchymal cell proliferation involved in lung development, respiratory distress, neonatal lethality, complete penetrance, decreased pulmonary endothelial cell surface, decreased angiogenesis, abnormal lung vasculature morphology, abnormal lung saccule morphology, pale lung

**Affected Gene:** Vegfa

**Genomic Alteration:** Tg(tetO-cre)1Jaw, tm2Gne, Tg(SFTPC-rtTA)5Jaw

**Catalog Number:** 4938179

**Background:** involves: 129 \* C57BL/6

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:17583691](#)

**Organism Name:** Tg(tetO-cre)1Jaw; Tg(SFTPC-rtTA)5Jaw; Vegfa<sup>tm2Gne</sup>/Vegfa<sup>tm2Gne</sup>

**Record Creation Time:** 20240120T190232+0000

**Record Last Update:** 20240130T201845+0000

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## Ratings and Alerts

No rating or validation information has been found for Tg(tetO-cre)1Jaw; Tg(SFTPC-rtTA)5Jaw; Vegfa<sup>tm2Gne</sup>/Vegfa<sup>tm2Gne</sup>.

No alerts have been found for Tg(tetO-cre)1Jaw; Tg(SFTPC-rtTA)5Jaw; Vegfa<sup>tm2Gne</sup>/Vegfa<sup>tm2Gne</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.