

# Resource Summary Report

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

## [Tg\(tetO-cre\)1Jaw; Klf5<sup>tm1Jaw</sup>/Klf5<sup>tm1Jaw</sup>; Tg\(SFTPC-rtTA\)5Jaw](#)

RRID:MGI:3806650

Type: Organism

### Proper Citation

RRID:MGI:3806650

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3806650

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

**Species:** Mus musculus

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

**Phenotype:** decreased type I pneumocyte number, abnormal surfactant secretion, abnormal type II pneumocyte morphology, neonatal lethality, complete penetrance, thick lung-associated mesenchyme, abnormal pulmonary alveolus morphology, respiratory distress, abnormal lung development, absent alveolar lamellar bodies, abnormal lung sacculle morphology, abnormal type I pneumocyte morphology

**Affected Gene:** Klf5

**Genomic Alteration:** Tg(tetO-cre)1Jaw, Tg(SFTPC-rtTA)5Jaw, tm1Jaw

**Catalog Number:** 3806650

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

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:18599506](#)

**Organism Name:** Tg(tetO-cre)1Jaw; Klf5<sup>tm1Jaw</sup>/Klf5<sup>tm1Jaw</sup>; Tg(SFTPC-rtTA)5Jaw

**Record Creation Time:** 20240120T190421+0000

**Record Last Update:** 20240130T201909+0000

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## Ratings and Alerts

No rating or validation information has been found for Tg(tetO-cre)1Jaw; Klf5<sup>tm1Jaw</sup>/Klf5<sup>tm1Jaw</sup>; Tg(SFTPC-rtTA)5Jaw.

No alerts have been found for Tg(tetO-cre)1Jaw; Klf5<sup>tm1Jaw</sup>/Klf5<sup>tm1Jaw</sup>; Tg(SFTPC-rtTA)5Jaw.

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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.