

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

[Tg\(tetO-cre\)1Jaw; Klf5^{tm1Jaw}/Klf5^{tm1Jaw}; Tg\(SFTPC-rtTA\)5Jaw](#)

RRID:MGI:3806650

Type: Organism

Proper Citation

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Organism Information

URL:

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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^{tm1Jaw}/Klf5^{tm1Jaw}; Tg(SFTPC-rtTA)5Jaw

Record Creation Time: 20240120T190421+0000

Record Last Update: 20240130T201909+0000

Ratings and Alerts

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

No alerts have been found for Tg(tetO-cre)1Jaw; Klf5^{tm1Jaw}/Klf5^{tm1Jaw}; Tg(SFTPC-rtTA)5Jaw.

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.