

Resource Summary Report

Generated by [dkNET](#) on Aug 3, 2026

[Lama5^{tm1Jhm}/Lama5^{tm2Jhm}; Tg\(tetO-cre\)1Jaw; Tg\(SFTPC-rtTA\)5Jaw](#)

RRID:MGI:3613082

Type: Organism

Proper Citation

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Organism Information

URL:

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

Species: Mus musculus

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

Phenotype: neonatal lethality, complete penetrance, respiratory distress, abnormal pulmonary alveolus epithelium morphology, abnormal pulmonary alveolus morphology, overexpanded pulmonary alveoli, respiratory failure, decreased cell proliferation, abnormal lung development, abnormal lung vasculature morphology, increased apoptosis, thin lung-associated mesenchyme, pulmonary hypoplasia, cyanosis, absent type I pneumocytes, decreased type II pneumocyte number

Affected Gene: Lama5

Genomic Alteration: Tg(tetO-cre)1Jaw, Tg(SFTPC-rtTA)5Jaw, tm1Jhm, tm2Jhm

Catalog Number: 3613082

Background: involves: 129S1/Sv * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15936333](#)

Organism Name: Lama5^{tm1Jhm}/Lama5^{tm2Jhm}; Tg(tetO-cre)1Jaw; Tg(SFTPC-rtTA)5Jaw

Record Creation Time: 20240120T190610+0000

Record Last Update: 20240130T202011+0000

Ratings and Alerts

No rating or validation information has been found for Lama5^{tm1Jhm}/Lama5^{tm2Jhm}; Tg(tetO-cre)1Jaw; Tg(SFTPC-rtTA)5Jaw.

No alerts have been found for Lama5^{tm1Jhm}/Lama5^{tm2Jhm}; Tg(tetO-cre)1Jaw; 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.