

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

[Klf5^{tm2.1Rng}/Klf5^{tm2.1Rng}; Tg\(Postn-cre\)1Sjc](#)

RRID:MGI:4421819

Type: Organism

Proper Citation

RRID:MGI:4421819

Organism Information

URL:

Proper Citation: RRID:MGI:4421819

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

Species: Mus musculus

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

Phenotype: pulmonary edema, increased heart left ventricle size, decreased heart weight, increased pulmonary respiratory rate, cardiac hypertrophy, pulmonary alveolar edema, pulmonary vascular congestion, weight loss, abnormal cardiovascular system physiology, increased wet-to-dry lung weight ratio, cardiac interstitial fibrosis, abnormal heart left ventricle morphology, abnormal myocardial fiber morphology, abnormal myocardial fiber physiology, increased sensitivity to xenobiotic induced morbidity/mortality, increased sensitivity to induced morbidity/mortality, altered response of heart to induced stress

Affected Gene: Klf5

Genomic Alteration: Tg(Postn-cre)1Sjc, tm2.1Rng

Catalog Number: 4421819

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20038803](#)

Organism Name: Klf5^{tm2.1Rng}/Klf5^{tm2.1Rng}; Tg(Postn-cre)1Sjc

Record Creation Time: 20240120T190309+0000

Record Last Update: 20240130T201827+0000

Ratings and Alerts

No rating or validation information has been found for Klf5^{tm2.1Rng}/Klf5^{tm2.1Rng}; Tg(Postn-cre)1Sjc.

No alerts have been found for Klf5^{tm2.1Rng}/Klf5^{tm2.1Rng}; Tg(Postn-cre)1Sjc.

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.