

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 23, 2026

[Tg\(Nkx2-1-cre\)2Sand; Stk4^{tm1Kina}/Stk4^{tm1Kina}; Stk3^{tm1.1Jav}/Stk3^{tm1.1Jav}](#)

RRID:MGI:5502638

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5502638

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

Species: Mus musculus

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

Phenotype: increased lung endothelial cell proliferation, abnormal pulmonary alveolus morphology, primary atelectasis, emphysema, abnormal lung development, lung inflammation, pulmonary hyaline membrane formation, postnatal lethality

Affected Gene: Stk3, Stk4

Genomic Alteration: tm1Kina, tm1.1Jav, Tg(Nkx2-1-cre)2Sand

Catalog Number: 5502638

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23620511](#)

Organism Name: Tg(Nkx2-1-cre)2Sand; Stk4^{tm1Kina}/Stk4^{tm1Kina}; Stk3^{tm1.1Jav}/Stk3^{tm1.1Jav}

Record Creation Time: 20240120T190112+0000

Record Last Update: 20240130T201721+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Nkx2-1-cre)2Sand; Stk4^{tm1Kina}/Stk4^{tm1Kina}; Stk3^{tm1.1Jav}/Stk3^{tm1.1Jav}.

No alerts have been found for Tg(Nkx2-1-cre)2Sand; Stk4^{tm1Kina}/Stk4^{tm1Kina}; Stk3^{tm1.1Jav}/Stk3^{tm1.1Jav}.

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.