

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

[Pten^{tm1Hwu}/Pten^{tm1Hwu}; Kras^{tm4Tyj}/Kras⁺; Scgb1a1^{tm1.1\(cre\)Fjd}/Scgb1a1⁺](#)

RRID:MGI:4839216

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:4839216

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

Species: Mus musculus

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

Phenotype: increased lung tumor incidence, increased lung adenoma incidence, tachypnea, premature death, lung inflammation, increased lung carcinoma incidence, increased lung adenocarcinoma incidence, weight loss

Affected Gene: Pten, Scgb1a1, Kras

Genomic Alteration: tm1.1(cre)Fjd, tm1Hwu, tm4Tyj

Catalog Number: 4839216

Background: involves: 129S1/Sv * 129S4/SvJae * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18281487](#)

Organism Name: Pten^{tm1Hwu}/Pten^{tm1Hwu}; Kras^{tm4Tyj}/Kras⁺; Scgb1a1^{tm1.1(cre)Fjd}/Scgb1a1⁺

Record Creation Time: 20240120T190240+0000

Record Last Update: 20240130T201812+0000

Ratings and Alerts

No rating or validation information has been found for $Pten^{tm1Hwu}/Pten^{tm1Hwu}$; $Kras^{tm4Tyj}/Kras^{+}$; $Scgb1a1^{tm1.1(cre)Fjd}/Scgb1a1^{+}$.

No alerts have been found for $Pten^{tm1Hwu}/Pten^{tm1Hwu}$; $Kras^{tm4Tyj}/Kras^{+}$; $Scgb1a1^{tm1.1(cre)Fjd}/Scgb1a1^{+}$.

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.