

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

[Kras^{tm4Tyj}/Kras⁺; Lyz2^{tm1\(cre\)lfo}/Lyz2⁺; Pggt1b^{tm1Mbrg}/Pggt1b^{tm1Mbrg}](#)

RRID:MGI:3714153

Type: Organism

Proper Citation

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Organism Information

URL:

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

Species: Mus musculus

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

Phenotype: increased lung weight, postnatal growth retardation, postnatal lethality, incomplete penetrance, increased lung tumor incidence, increased lung adenoma incidence

Affected Gene: Lyz2, Pggt1b, Kras

Genomic Alteration: tm1(cre)lfo, tm1Mbrg, tm4Tyj

Catalog Number: 3714153

Background: involves: 129/Sv * 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17476360](#)

Organism Name: Kras^{tm4Tyj}/Kras⁺; Lyz2^{tm1(cre)lfo}/Lyz2⁺; Pggt1b^{tm1Mbrg}/Pggt1b^{tm1Mbrg}

Record Creation Time: 20240120T190517+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Kras}^{\text{tm4Tyj/Kras}^+}$; $\text{Lyz2}^{\text{tm1(cre)Ifo/Lyz2}^+}$; $\text{Pgggt1b}^{\text{tm1Mbrg/Pgggt1b}^{\text{tm1Mbrg}}$.

No alerts have been found for $\text{Kras}^{\text{tm4Tyj/Kras}^+}$; $\text{Lyz2}^{\text{tm1(cre)Ifo/Lyz2}^+}$; $\text{Pgggt1b}^{\text{tm1Mbrg/Pgggt1b}^{\text{tm1Mbrg}}$.

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.