

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

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

RRID:MGI:3714154

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3714154

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

Species: Mus musculus

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

Phenotype: abnormal definitive hematopoiesis, abnormal spleen morphology, abnormal liver morphology, respiratory distress, weight loss, postnatal lethality, incomplete penetrance, decreased lymphocyte cell number, increased lung weight, increased neutrophil cell number, increased lung adenocarcinoma incidence, increased lung adenoma incidence, increased lung tumor incidence

Affected Gene: Pggt1b, Lyz2, Kras

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

Catalog Number: 3714154

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: $\text{Lyz2}^{\text{tm1}(\text{cre})\text{Ifo}}/\text{Lyz2}^+$; $\text{Kras}^{\text{tm4Tyj}}/\text{Kras}^+$; $\text{Pggt1b}^{\text{tm1Mbrg}}/\text{Pggt1b}^+$

Record Creation Time: 20240120T190517+0000

Record Last Update: 20240130T201940+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Lyz2}^{\text{tm1}(\text{cre})\text{Ifo}}/\text{Lyz2}^+$; $\text{Kras}^{\text{tm4Tyj}}/\text{Kras}^+$; $\text{Pggt1b}^{\text{tm1Mbrg}}/\text{Pggt1b}^+$.

No alerts have been found for $\text{Lyz2}^{\text{tm1}(\text{cre})\text{Ifo}}/\text{Lyz2}^+$; $\text{Kras}^{\text{tm4Tyj}}/\text{Kras}^+$; $\text{Pggt1b}^{\text{tm1Mbrg}}/\text{Pggt1b}^+$.

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.