

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

[Lyz2^{tm1\(cre\)lfo}/Lyz2⁺](#); [Idh1^{tm2Mak}/Idh1^{tm2Mak}](#)

RRID:MGI:5438279

Type: Organism

Proper Citation

RRID:MGI:5438279

Organism Information

URL:

Proper Citation: RRID:MGI:5438279

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

Species: Mus musculus

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

Phenotype: anemia, decreased hematocrit, decreased bone marrow cell number, decreased CD8-positive, alpha-beta T cell number, decreased CD4-positive, alpha beta T cell number, decreased B cell number, abnormal blood homeostasis, abnormal bone marrow cell morphology/development, increased hematopoietic stem cell number, decreased common myeloid progenitor cell number, abnormal bone marrow cell physiology, increased CD4-positive, alpha beta T cell number, hematopoietic system phenotype, abnormal myeloblast morphology/development, abnormal spleen morphology, extramedullary hematopoiesis, decreased hemoglobin content, enlarged spleen

Affected Gene: Lyz2, Idh1

Genomic Alteration: tm2Mak, tm1(cre)lfo

Catalog Number: 5438279

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

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22763442](#)

Organism Name: $\text{Lyz2}^{\text{tm1}(\text{cre})\text{Ifo}}/\text{Lyz2}^+; \text{Idh1}^{\text{tm2Mak}}/\text{Idh1}^{\text{tm2Mak}}$

Record Creation Time: 20240120T190137+0000

Record Last Update: 20240130T201735+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Lyz2}^{\text{tm1}(\text{cre})\text{Ifo}}/\text{Lyz2}^+; \text{Idh1}^{\text{tm2Mak}}/\text{Idh1}^{\text{tm2Mak}}$.

No alerts have been found for $\text{Lyz2}^{\text{tm1}(\text{cre})\text{Ifo}}/\text{Lyz2}^+; \text{Idh1}^{\text{tm2Mak}}/\text{Idh1}^{\text{tm2Mak}}$.

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.