

# Resource Summary Report

Generated by [dkNET](#) on Aug 4, 2026

[Lyz2<sup>tm1\(cre\)lfo</sup>/Lyz2<sup>+</sup>](#); [Idh1<sup>tm1Mak</sup>/Idh1<sup>tm1Mak</sup>](#)

RRID:MGI:5438278

Type: Organism

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## Proper Citation

RRID:MGI:5438278

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:5438278

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

**Species:** Mus musculus

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

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

**Affected Gene:** Idh1, Lyz2

**Genomic Alteration:** tm1Mak, tm1(cre)lfo

**Catalog Number:** 5438278

**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:**  $\text{Lyz2}^{\text{tm1}(\text{cre})\text{Ifo}}/\text{Lyz2}^+; \text{Idh1}^{\text{tm1Mak}}/\text{Idh1}^{\text{tm1Mak}}$

**Record Creation Time:** 20240120T190137+0000

**Record Last Update:** 20240130T201735+0000

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## Ratings and Alerts

No rating or validation information has been found for  $\text{Lyz2}^{\text{tm1}(\text{cre})\text{Ifo}}/\text{Lyz2}^+; \text{Idh1}^{\text{tm1Mak}}/\text{Idh1}^{\text{tm1Mak}}$ .

No alerts have been found for  $\text{Lyz2}^{\text{tm1}(\text{cre})\text{Ifo}}/\text{Lyz2}^+; \text{Idh1}^{\text{tm1Mak}}/\text{Idh1}^{\text{tm1Mak}}$ .

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.