

# Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

[Lyz2<sup>tm1\(cre\)lfo</sup>/Lyz2<sup>+</sup>](#); [Pten<sup>tm1Hwu</sup>/Pten<sup>tm1Hwu</sup>](#)

RRID:MGI:4836609

Type: Organism

## Proper Citation

RRID:MGI:4836609

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4836609

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

**Species:** Mus musculus

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

**Phenotype:** abnormal cytokine level, decreased susceptibility to bacterial infection induced morbidity/mortality, abnormal macrophage chemotaxis, abnormal neutrophil physiology, abnormal neutrophil physiology, increased susceptibility to bacterial infection, lung inflammation, impaired neutrophil recruitment, decreased susceptibility to bacterial infection, abnormal neutrophil physiology, increased susceptibility to bacterial infection induced morbidity/mortality, pulmonary edema, abnormal alveolar macrophage morphology

**Affected Gene:** Pten, Lyz2

**Genomic Alteration:** tm1Hwu, tm1(cre)lfo

**Catalog Number:** 4836609

**Background:** involves: 129P2/OlaHsd \* 129S4/SvJae

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:19286998](#), [PMID:17202315](#), [PMID:16988010](#)

**Organism Name:**  $\text{Lyz2}^{\text{tm1}(\text{cre})\text{Ifo}}/\text{Lyz2}^+$ ;  $\text{Pten}^{\text{tm1Hwu}}/\text{Pten}^{\text{tm1Hwu}}$

**Record Creation Time:** 20240120T190243+0000

**Record Last Update:** 20240130T201813+0000

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## Ratings and Alerts

No rating or validation information has been found for  $\text{Lyz2}^{\text{tm1}(\text{cre})\text{Ifo}}/\text{Lyz2}^+$ ;  $\text{Pten}^{\text{tm1Hwu}}/\text{Pten}^{\text{tm1Hwu}}$ .

No alerts have been found for  $\text{Lyz2}^{\text{tm1}(\text{cre})\text{Ifo}}/\text{Lyz2}^+$ ;  $\text{Pten}^{\text{tm1Hwu}}/\text{Pten}^{\text{tm1Hwu}}$ .

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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.