

Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

[Lyz2^{tm1\(cre\)lfo}/Lyz2⁺](#); [Pten^{tm1Hwu}/Pten^{tm1Hwu}](#)

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

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 $\text{Lyz2}^{\text{tm1}(\text{cre})\text{Ifo}}/\text{Lyz2}^+$; $\text{Pten}^{\text{tm1Hwu}}/\text{Pten}^{\text{tm1Hwu}}$.

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.