

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

[Hmgb1^{tm1.1Ttg}/Hmgb1^{tm1.1Ttg}; Lyz2^{tm1}\(cre\)lfo/Lyz2⁺](#)

RRID:MGI:5563539

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5563539

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

Species: Mus musculus

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

Phenotype: impaired macrophage phagocytosis, increased circulating interleukin-1 beta level, increased interleukin-1 beta secretion, increased interleukin-18 secretion, increased circulating interleukin-18 level, decreased macrophage cell number, abnormal macrophage physiology, increased sensitivity to induced cell death, increased macrophage apoptosis, increased susceptibility to endotoxin shock, increased susceptibility to bacterial infection, hematopoietic system phenotype

Affected Gene: Hmgb1, Lyz2

Genomic Alteration: tm1(cre)lfo, tm1.1Ttg

Catalog Number: 5563539

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24302768](#)

Organism Name: Hmgb1^{tm1.1Ttg}/Hmgb1^{tm1.1Ttg}; Lyz2^{tm1}(cre)lfo/Lyz2⁺

Record Creation Time: 20240120T190050+0000

Record Last Update: 20240130T201708+0000

Ratings and Alerts

No rating or validation information has been found for Hmgb1^{tm1.1Ttg}/Hmgb1^{tm1.1Ttg}; Lyz2^{tm1(cre)lfo}/Lyz2⁺.

No alerts have been found for Hmgb1^{tm1.1Ttg}/Hmgb1^{tm1.1Ttg}; Lyz2^{tm1(cre)lfo}/Lyz2⁺.

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.