

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 5, 2026

[Lyz2^{tm1\(cre\)lfo}/Lyz2⁺; Tlr4^{tm1Aki}/Tlr4^{tm1Aki}; Stat3^{tm2Aki}/Stat3^{tm2Aki}](#)

RRID:MGI:3771394

Type: Organism

Proper Citation

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Organism Information

URL:

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

Species: Mus musculus

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

Phenotype: decreased interferon-gamma secretion, decreased susceptibility to endotoxin shock, colitis

Affected Gene: Lyz2, Stat3, Tlr4

Genomic Alteration: tm1Aki, tm1(cre)lfo, tm2Aki

Catalog Number: 3771394

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:12727921](#)

Organism Name: Lyz2^{tm1(cre)lfo}/Lyz2⁺; Tlr4^{tm1Aki}/Tlr4^{tm1Aki}; Stat3^{tm2Aki}/Stat3^{tm2Aki}

Record Creation Time: 20240120T190448+0000

Record Last Update: 20240130T202020+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Lyz2}^{\text{tm1}(\text{cre})\text{Ifo}}/\text{Lyz2}^+$; $\text{Tlr4}^{\text{tm1Aki}}/\text{Tlr4}^{\text{tm1Aki}}$; $\text{Stat3}^{\text{tm2Aki}}/\text{Stat3}^{\text{tm2Aki}}$.

No alerts have been found for $\text{Lyz2}^{\text{tm1}(\text{cre})\text{Ifo}}/\text{Lyz2}^+$; $\text{Tlr4}^{\text{tm1Aki}}/\text{Tlr4}^{\text{tm1Aki}}$; $\text{Stat3}^{\text{tm2Aki}}/\text{Stat3}^{\text{tm2Aki}}$.

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.