

Resource Summary Report

Generated by [dkNET](#) on Sep 21, 2026

[Tyk2^{tm1Biat}/Tyk2^{tm1Biat}](#)

RRID:MGI:5438712

Type: Organism

Proper Citation

RRID:MGI:5438712

Organism Information

URL:

Proper Citation: RRID:MGI:5438712

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

Species: Mus musculus

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

Phenotype: decreased macrophage nitric oxide production, abnormal nitric oxide homeostasis, increased susceptibility to viral infection induced morbidity/mortality, decreased interferon-gamma secretion, increased susceptibility to viral infection induced morbidity/mortality, increased susceptibility to viral infection, abnormal response to infection, increased susceptibility to viral infection

Affected Gene: Tyk2

Genomic Alteration: tm1Biat

Catalog Number: 5438712

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:16148148](#), [PMID:11070173](#)

Organism Name: Tyk2^{tm1Biat}/Tyk2^{tm1Biat}

Record Creation Time: 20240120T190137+0000

Record Last Update: 20240130T201735+0000

Ratings and Alerts

No rating or validation information has been found for Tyk2^{tm1Biat}/Tyk2^{tm1Biat}.

No alerts have been found for Tyk2^{tm1Biat}/Tyk2^{tm1Biat}.

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.