

Resource Summary Report

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

[Tyk2^{E775K}/Tyk2^{E775K}](#)

RRID:MGI:3706897

Type: Organism

Proper Citation

RRID:MGI:3706897

Organism Information

URL:

Proper Citation: RRID:MGI:3706897

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

Species: Mus musculus

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

Phenotype: decreased interferon-gamma secretion, abnormal T-helper 1 physiology, decreased IgG2a level, increased susceptibility to parasitic infection, increased circulating interleukin-12 level, decreased interferon-gamma secretion, decreased IgG1 level, decreased susceptibility to induced arthritis, decreased IgG level

Affected Gene: Tyk2

Genomic Alteration: E775K

Catalog Number: 3706897

Background: B10.D1-H2^{SgJ} "

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11313413](#), [PMID:11313414](#)

Organism Name: Tyk2^{E775K}/Tyk2^{E775K}

Record Creation Time: 20240120T190525+0000

Record Last Update: 20240130T201944+0000

Ratings and Alerts

No rating or validation information has been found for Tyk2^{E775K}/Tyk2^{E775K}.

No alerts have been found for Tyk2^{E775K}/Tyk2^{E775K}.

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.