

# Resource Summary Report

Generated by [T1D](#) on Sep 23, 2026

## [Tyk2<sup>E775K</sup>/Tyk2<sup>E775K</sup>](#)

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<sup>SgJ</sup> "

**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<sup>E775K</sup>/Tyk2<sup>E775K</sup>

**Record Creation Time:** 20240120T190525+0000

**Record Last Update:** 20240130T201944+0000

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## Ratings and Alerts

No rating or validation information has been found for Tyk2<sup>E775K</sup>/Tyk2<sup>E775K</sup>.

No alerts have been found for Tyk2<sup>E775K</sup>/Tyk2<sup>E775K</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.