

# Resource Summary Report

Generated by [dkNET](#) on Aug 22, 2026

## Tlr2<sup>tm1Kir</sup>/Tlr2<sup>tm1Kir</sup>

RRID:MGI:3706987

Type: Organism

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### Proper Citation

RRID:MGI:3706987

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### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3706987

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

**Species:** Mus musculus

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

**Phenotype:** decreased circulating insulin level, increased insulin sensitivity, improved glucose tolerance, decreased interleukin-6 secretion, increased carcinoma incidence, decreased interleukin-1 beta secretion, increased gastrointestinal tumor incidence, decreased tumor necrosis factor secretion, decreased fat cell size, premature death, weight loss, abnormal large intestine crypts of Lieberkuhn morphology, colonic necrosis, abnormal intestinal epithelium morphology, decreased gonadal fat pad weight, increased energy expenditure, rectal hemorrhage, increased susceptibility to induced colitis, increased colon adenoma incidence, decreased circulating tumor necrosis factor level, abnormal glucose homeostasis, decreased neuron apoptosis, decreased cerebral infarction size, abnormal cytokine secretion, decreased splenocyte proliferation, abnormal cellular extravasation, decreased angiogenesis, decreased susceptibility to bacterial infection induced morbidity/mortality, decreased susceptibility to kidney reperfusion injury, increased food intake, CNS ischemia, decreased susceptibility to hepatic steatosis, increased adipocyte glucose uptake, weight loss, abnormal enterocyte morphology, premature death, rectal hemorrhage, decreased circulating leptin level, increased insulin secretion

**Affected Gene:** Tlr2

**Genomic Alteration:** tm1Kir

**Catalog Number:** 3706987

**Background:** B6.129-Tlr2

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:20885960](#), [PMID:19401158](#), [PMID:20708624](#), [PMID:17475853](#), [PMID:20407745](#), [PMID:16547271](#), [PMID:17693552](#), [PMID:17408640](#), [PMID:17353199](#)

**Organism Name:** Tlr2<sup>tm1Kir</sup>/Tlr2<sup>tm1Kir</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 Tlr2<sup>tm1Kir</sup>/Tlr2<sup>tm1Kir</sup>.

No alerts have been found for Tlr2<sup>tm1Kir</sup>/Tlr2<sup>tm1Kir</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.