

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

[Tnftm2Gkl/Tnf⁺](#)

RRID:MGI:3629514

Type: Organism

Proper Citation

RRID:MGI:3629514

Organism Information

URL:

Proper Citation: RRID:MGI:3629514

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

Species: Mus musculus

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

Phenotype: abnormal joint morphology, increased cell migration, enhanced wound healing, increased circulating tumor necrosis factor level, increased fibroblast cell migration, increased cell proliferation, abnormal aortic valve morphology, thick aortic valve, increased fibroblast proliferation, decreased cardiac output, cardiac fibrosis, aortic valve stenosis, abnormal aortic valve flow, abnormal aorta bulb morphology, abnormal cytotoxic T cell physiology, increased CD8-positive, alpha-beta T cell number, small intestinal inflammation, abnormal response to transplant, increased apoptosis, enlarged spleen, abnormal myelopoiesis, prolonged QT interval, increased tumor necrosis factor secretion, decreased heart rate, decreased ventricle muscle contractility

Affected Gene: Tnf

Genomic Alteration: tm2Gkl

Catalog Number: 3629514

Background: involves: 129S/SvEv * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12486099](#), [PMID:29618659](#)

Organism Name: Tnf^{tm2Gkl}/Tnf⁺

Record Creation Time: 20240120T190554+0000

Record Last Update: 20240130T202001+0000

Ratings and Alerts

No rating or validation information has been found for Tnf^{tm2Gkl}/Tnf⁺.

No alerts have been found for Tnf^{tm2Gkl}/Tnf⁺.

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.