

Resource Summary Report

Generated by [NIF](#) on Aug 5, 2026

[Irf7^{tm1Ttg}/Irf7^{tm1Ttg}](#); [Irf3^{tm1Ttg}/Irf3^{tm1Ttg}](#)

RRID:MGI:4442206

Type: Organism

Proper Citation

RRID:MGI:4442206

Organism Information

URL:

Proper Citation: RRID:MGI:4442206

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

Species: Mus musculus

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

Phenotype: increased susceptibility to viral infection, increased susceptibility to bacterial infection, decreased interferon-beta secretion, decreased interleukin-1 beta secretion

Affected Gene: Irf7, Irf3

Genomic Alteration: tm1Ttg

Catalog Number: 4442206

Background: involves: 129P2/OlaHsd * 129S/SvEv

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20351692](#)

Organism Name: Irf7^{tm1Ttg}/Irf7^{tm1Ttg}; Irf3^{tm1Ttg}/Irf3^{tm1Ttg}

Record Creation Time: 20240120T190301+0000

Record Last Update: 20240130T201823+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Irf7}^{\text{tm1Ttg}}/\text{Irf7}^{\text{tm1Ttg}}$; $\text{Irf3}^{\text{tm1Ttg}}/\text{Irf3}^{\text{tm1Ttg}}$.

No alerts have been found for $\text{Irf7}^{\text{tm1Ttg}}/\text{Irf7}^{\text{tm1Ttg}}$; $\text{Irf3}^{\text{tm1Ttg}}/\text{Irf3}^{\text{tm1Ttg}}$.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Joubert PE, et al. (2015) Inhibition of mTORC1 Enhances the Translation of Chikungunya Proteins via the Activation of the MnK/eIF4E Pathway. PLoS pathogens, 11(8), e1005091.

Barbalat R, et al. (2009) Toll-like receptor 2 on inflammatory monocytes induces type I interferon in response to viral but not bacterial ligands. Nature immunology, 10(11), 1200.