

Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

B6.Cg-Ifngr1^{tm1Agt} Ifnar1/J

RRID:IMSR_JAX:029098

Type: Organism

Proper Citation

RRID:IMSR_JAX:029098

Organism Information

URL: <https://www.jax.org/strain/029098>

Proper Citation: RRID:IMSR_JAX:029098

Description: Mus musculus with name B6.Cg-Ifngr1^{tm1Agt} Ifnar1/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: interferon (alpha and beta) receptor 1|interferon gamma receptor 1; mutant strain|congenic strain: Ifnar1|Ifngr1

Affected Gene: interferon (alpha and beta) receptor 1|interferon gamma receptor 1

Genomic Alteration: targeted mutation 1.2; Edward E Schmidt|targeted mutation 1; Michel Aguet

Catalog Number: JAX:029098

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Ifngr1^{tm1Agt} Ifnar1/J

Record Creation Time: 20250513T053807+0000

Record Last Update: 20260725T044513+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Ifngr1^{tm1Agt} Ifnar1/J.

No alerts have been found for B6.Cg-Ifngr1^{tm1Agt} Ifnar1/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Liang Y, et al. (2024) Lack of the IFN-?? signal leads to lethal Orientia tsutsugamushi infection in mice with skin eschar lesions. PLoS pathogens, 20(5), e1012020.

Garcia-Diaz C, et al. (2023) Glioblastoma cell fate is differentially regulated by the microenvironments of the tumor bulk and infiltrative margin. Cell reports, 42(5), 112472.

Borriello F, et al. (2022) An adjuvant strategy enabled by modulation of the physical properties of microbial ligands expands antigen immunogenicity. Cell, 185(4), 614.

Singh S, et al. (2022) Robust anti-SARS-CoV2 single domain antibodies cross neutralize multiple viruses. iScience, 25(7), 104549.

Sharma Y, et al. (2021) A Mouse Model of PPRV Infection for Elucidating Protective and Pathological Roles of Immune Cells. Frontiers in immunology, 12, 630307.

Burke TP, et al. (2021) Interferon receptor-deficient mice are susceptible to eschar-associated rickettsiosis. eLife, 10.