

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

B6(Cg)-Ifnar1^{tm1.2Ees/J}

RRID:IMSR_JAX:028288

Type: Organism

Proper Citation

RRID:IMSR_JAX:028288

Organism Information

URL: <https://www.jax.org/strain/028288>

Proper Citation: RRID:IMSR_JAX:028288

Description: Mus musculus with name B6(Cg)-Ifnar1^{tm1.2Ees/J} from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Ifnar1/J

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

Affected Gene: interferon (alpha and beta) receptor 1

Genomic Alteration: targeted mutation 1.2; Edward E Schmidt

Catalog Number: JAX:028288

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6(Cg)-Ifnar1^{tm1.2Ees/J}

Record Creation Time: 20250513T053803+0000

Record Last Update: 20260912T060543+0000

Ratings and Alerts

No rating or validation information has been found for B6(Cg)-Ifnar1^{tm1.2Ees/J}.

No alerts have been found for B6(Cg)-Ifnar1^{tm1.2Ees/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 48 mentions in open access literature.

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

Burchett R, et al. (2026) A Universal Boosting Strategy for Adoptive T-cell Therapy Using a Paired Vaccine/Chimeric Antigen Receptor. *Cancer immunology research*, 14(2), 261.

Kureshi CTS, et al. (2026) Dendritic cell redundancy enables priming of anti-tumor CD4+ T cells in pancreatic cancer. *Cancer cell*, 44(7), 1381.

Krumwiede L, et al. (2026) MORC3 represses a tandem repeat enhancer to regulate interferon. *The EMBO journal*, 45(14), 5130.

Shamskhov EA, et al. (2026) Monocytic niches escape T cell surveillance and promote *Mycobacterium tuberculosis* persistence in lymph nodes. *Immunity*.

Fonseca Brito L, et al. (2025) Neuropilin-1 expression modulates infection susceptibility to murine cytomegalovirus at the materno-fetal interface. *Journal of virology*, 99(12), e0161025.

Xing C, et al. (2025) Targeting Innate Immune Checkpoint TREX1 Is a Safe and Effective Immunotherapeutic Strategy in Cancer. *Cancer research*, 85(15), 2858.

Götttert S, et al. (2025) The microbial metabolite desaminotyrosine protects against graft-versus-host disease via mTORC1 and STING-dependent intestinal regeneration. *Nature communications*, 16(1), 9282.

Lai YG, et al. (2025) cGAS and STING in Host Myeloid Cells Are Essential for Effective Cyclophosphamide Treatment of Advanced Breast Cancer. *Cancers*, 17(7).

Li C, et al. (2025) Integrin CD103 expression in naive CD8+ T cells promotes cytokine-driven acquisition of memory phenotype and effector function. *Immunity*.

Zhang Q, et al. (2025) Intravascular immune surveillance against viremia requires spatiotemporal coordination between Kupffer cells and ILC1s. *Cell reports*, 44(11), 116488.

Chen KY, et al. (2025) Inflammation switches the chemoattractant requirements for naive lymphocyte entry into lymph nodes. *Cell*, 188(4), 1019.

Soliman N, et al. (2025) Targeting Intracellular Innate RNA-Sensing Systems Overcomes Resistance to CAR T-cell Therapy in Solid Tumors. *Cancer research*, 85(14), 2679.

Mears KS, et al. (2025) Therapeutic activation of IL-22-producing innate lymphoid cells enhances host defenses to *Clostridioides difficile* infection. *Cell reports*, 44(4), 115438.

Zia S, et al. (2025) Age-impaired remyelination is associated with dysregulated microglial transitions. *Nature communications*, 16(1), 9951.

Prevel R, et al. (2025) β -Glucan reprograms alveolar macrophages via neutrophil/IFN γ axis in a murine model of lung injury. *eLife*, 13.

Yang K, et al. (2025) Autonomous STING signaling in Purkinje cells drives neurodegeneration independent of type I interferon. *Cell reports*, 44(11), 116480.

Keskek Turk Y, et al. (2025) Sand fly saliva reprograms skin fibroblasts to enhance arbovirus infection. *iScience*, 28(11), 113854.

Labarta-Bajo L, et al. (2025) The antiviral Interferon pathway drives astrocyte aging and motor decline. *bioRxiv : the preprint server for biology*.

Liu X, et al. (2024) The deubiquitinase BAP1 and E3 ligase UBE3C sequentially target IRF3 to activate and resolve the antiviral innate immune response. *Cell reports*, 43(8), 114608.

Liu Y, et al. (2024) Squalene-epoxidase-catalyzed 24(S),25-epoxycholesterol synthesis promotes trained-immunity-mediated antitumor activity. *Cell reports*, 43(4), 114094.