

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

B6(Cg)-Irf8^{tm1.2Hm}/J

RRID:IMSR_JAX:018298

Type: Organism

Proper Citation

RRID:IMSR_JAX:018298

Organism Information

URL: <https://www.jax.org/strain/018298>

Proper Citation: RRID:IMSR_JAX:018298

Description: Mus musculus with name B6(Cg)-Irf8^{tm1.2Hm}/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Irf8/J

Notes: gene symbol note: interferon regulatory factor 8; mutant strain: Irf8

Affected Gene: interferon regulatory factor 8

Genomic Alteration: targeted mutation 1.2; Herbert Morse III

Catalog Number: JAX:018298

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6(Cg)-Irf8^{tm1.2Hm}/J

Record Creation Time: 20250513T053737+0000

Record Last Update: 20260815T050649+0000

Ratings and Alerts

No rating or validation information has been found for B6(Cg)-Irf8^{tm1.2Hm}/J.

No alerts have been found for B6(Cg)-Irf8^{tm1.2Hm}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Adams NM, et al. (2026) Chromatin-mediated anticipatory control of type I interferon production in plasmacytoid dendritic cells. *Immunity*, 59(2), 270.

Tzetzio SL, et al. (2024) Downregulation of IRF8 in alveolar macrophages by G-CSF promotes metastatic tumor progression. *iScience*, 27(3), 109187.

Johnson KD, et al. (2022) GATA2 deficiency elevates interferon regulatory factor-8 to subvert a progenitor cell differentiation program. *Blood advances*, 6(5), 1464.

McDaniel MM, et al. (2020) Suppression of Inflammasome Activation by IRF8 and IRF4 in cDCs Is Critical for T Cell Priming. *Cell reports*, 31(5), 107604.

Adams NM, et al. (2018) Transcription Factor IRF8 Orchestrates the Adaptive Natural Killer Cell Response. *Immunity*, 48(6), 1172.

Karki R, et al. (2018) IRF8 Regulates Transcription of Naips for NLRC4 Inflammasome Activation. *Cell*, 173(4), 920.

Yáñez A, et al. (2017) Granulocyte-Monocyte Progenitors and Monocyte-Dendritic Cell Progenitors Independently Produce Functionally Distinct Monocytes. *Immunity*, 47(5), 890.