Resource Summary Report

Generated by SPARC SAWG on Jul 28, 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: 20260725T044445+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 6 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Tzetzo 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.