

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 11, 2026

NOD.Cg-H2^{h4}/DiITacUmmJ

RRID:IMSR_JAX:004447

Type: Organism

Proper Citation

RRID:IMSR_JAX:004447

Organism Information

URL: <https://www.jax.org/strain/004447>

Proper Citation: RRID:IMSR_JAX:004447

Description: Mus musculus with name NOD.Cg-H2^{h4}/DiITacUmmJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: histocompatibility-2; MHC; mutant strain|major histocompatibility congenic|congenic strain: H2

Affected Gene: histocompatibility-2; MHC

Genomic Alteration: h4 variant

Catalog Number: JAX:004447

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: NOD.Cg-H2^{h4}/DiITacUmmJ

Record Creation Time: 20250513T053645+0000

Record Last Update: 20260808T050846+0000

Ratings and Alerts

No rating or validation information has been found for NOD.Cg-H2^{h4}/DiITacUmmJ.

No alerts have been found for NOD.Cg-H2^{h4}/DiITacUmmJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

McLachlan SM, et al. (2018) Aberrant Iodine Autoregulation Induces Hypothyroidism in a Mouse Strain in the Absence of Thyroid Autoimmunity. Journal of the Endocrine Society, 2(1), 63.

Pelletier AN, et al. (2015) Evidence that MHC I-E dampens thyroid autoantibodies and prevents spreading to a second thyroid autoantigen in I-A(k) NOD mice. Genes and immunity, 16(4), 268.