Resource Summary Report

Generated by T1D on Sep 21, 2026

NOD.129S2(B6)-Ighm^{tm1Cgn}/DoiJ

RRID:IMSR_JAX:004639
Type: Organism

Proper Citation

RRID:IMSR_JAX:004639

Organism Information

URL: https://www.jax.org/strain/004639

Proper Citation: RRID:IMSR_JAX:004639

Description: Mus musculus with name NOD.129S2(B6)-Ighm^{tm1Cgn}/DoiJ from IMSR.

Species: Mus musculus

Synonyms: NOD.129S2(B6)-Igh-6/DoiJ

Notes: gene symbol note: immunoglobulin heavy constant mu; mutant strain|congenic strain: Ighm

Affected Gene: immunoglobulin heavy constant mu

Genomic Alteration: targeted mutation 1; University of Cologne

Catalog Number: JAX:004639

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: NOD.129S2(B6)-Ighm^{tm1Cgn}/DoiJ

Record Creation Time: 20250513T053645+0000

Record Last Update: 20260919T054835+0000

Ratings and Alerts

No rating or validation information has been found for NOD.129S2(B6)-Ighm^{tm1Cgn}/DoiJ.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human rheumatoid arthritis.
Warning: Warning. Researchers have noted that this genotype does not sufficiently model human type 1 diabetes mellitus.

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 T1D .

Wan X, et al. (2020) The MHC-II peptidome of pancreatic islets identifies key features of autoimmune peptides. Nature immunology, 21(4), 455.

Wan X, et al. (2018) Pancreatic islets communicate with lymphoid tissues via exocytosis of insulin peptides. Nature, 560(7716), 107.