

Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

NOD.129S2(B6)-Ins2^{tm1Jja}/GseJ

RRID:IMSR_JAX:005036

Type: Organism

Proper Citation

RRID:IMSR_JAX:005036

Organism Information

URL: <https://www.jax.org/strain/005036>

Proper Citation: RRID:IMSR_JAX:005036

Description: Mus musculus with name NOD.129S2(B6)-Ins2^{tm1Jja}/GseJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: insulin II|beta-galactosidase; mutant strain|congenic strain: Ins2|lacZ

Affected Gene: insulin II|beta-galactosidase

Genomic Alteration: targeted mutation 1; Jacques Jami

Catalog Number: JAX:005036

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: NOD.129S2(B6)-Ins2^{tm1Jja}/GseJ

Record Creation Time: 20250513T053647+0000

Record Last Update: 20260808T050849+0000

Ratings and Alerts

No rating or validation information has been found for NOD.129S2(B6)-Ins2^{tm1Jja}/GseJ.

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 [NIF](#) .

Amdare NP, et al. (2024) Human insulin as both antigen and protector in type 1 diabetes. European journal of immunology, e2350949.

Bettini M, et al. (2012) Prevention of autoimmune diabetes by ectopic pancreatic β -cell expression of interleukin-35. Diabetes, 61(6), 1519.