

Resource Summary Report

Generated by [nidm-terms](#) on Sep 5, 2026

B6;129-Irs2^{tm1Mfw/J}

RRID:IMSR_JAX:004421

Type: Organism

Proper Citation

RRID:IMSR_JAX:004421

Organism Information

URL: <https://www.jax.org/strain/004421>

Proper Citation: RRID:IMSR_JAX:004421

Description: Mus musculus with name B6;129-Irs2^{tm1Mfw/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: insulin receptor substrate 2; mutant stock: Irs2

Affected Gene: insulin receptor substrate 2

Genomic Alteration: targeted mutation 1; Morris F White

Catalog Number: JAX:004421

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6;129-Irs2^{tm1Mfw/J}

Record Creation Time: 20250513T053644+0000

Record Last Update: 20260905T044426+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Irs2^{tm1Mfw/J}.

No alerts have been found for B6;129-Irs2^{tm1Mfw/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Stamateris RE, et al. (2016) Glucose Induces Mouse β -Cell Proliferation via IRS2, MTOR, and Cyclin D2 but Not the Insulin Receptor. Diabetes, 65(4), 981.