

Resource Summary Report

Generated by [ASWG](#) on Aug 10, 2026

NOD.Cg-Tg(Ins2*Y16A)1Ell Ins1^{tm1Jja} Ins2/GseJ

RRID:IMSR_JAX:005524

Type: Organism

Proper Citation

RRID:IMSR_JAX:005524

Organism Information

URL: <https://www.jax.org/strain/005524>

Proper Citation: RRID:IMSR_JAX:005524

Description: Mus musculus with name NOD.Cg-Tg(Ins2*Y16A)1Ell Ins1^{tm1Jja} Ins2/GseJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: beta-galactosidase|transgene insertion 1; John F Elliot|insulin II|insulin I; mutant strain|congenic strain: lacZ|Tg(Ins2*Y16A)1Ell|Ins2|Ins1

Affected Gene: beta-galactosidase|transgene insertion 1; John F Elliot|insulin II|insulin I

Genomic Alteration: targeted mutation 1; Jacques Jami|transgene insertion 1; John F Elliot

Catalog Number: JAX:005524

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: NOD.Cg-Tg(Ins2*Y16A)1Ell Ins1^{tm1Jja} Ins2/GseJ

Record Creation Time: 20250513T053650+0000

Record Last Update: 20260808T050852+0000

Ratings and Alerts

No rating or validation information has been found for NOD.Cg-Tg(Ins2*Y16A)1EII Ins1 tm1Jja Ins2/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 have not found any literature mentions for this resource.