

# Resource Summary Report

Generated by SPARC SAWG on Aug 8, 2026

## NOD.Cg-Tg(Ins2\*Y16A)3Ell Ins1<sup>tm1Jja</sup> Ins2/GseJ

RRID:IMSR\_JAX:005525

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:005525

### Organism Information

**URL:** <https://www.jax.org/strain/005525>

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**Description:** Mus musculus with name NOD.Cg-Tg(Ins2\*Y16A)3Ell Ins1<sup>tm1Jja</sup> Ins2/GseJ from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: transgene insertion 3; John F Elliot|beta-galactosidase|insulin I|insulin II; mutant strain|congenic strain: Tg(Ins2\*Y16A)3Ell|lacZ|Ins1|Ins2

**Affected Gene:** transgene insertion 3; John F Elliot|beta-galactosidase|insulin I|insulin II

**Genomic Alteration:** transgene insertion 3; John F Elliot|targeted mutation 1; Jacques Jami

**Catalog Number:** JAX:005525

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** embryo

**Organism Name:** NOD.Cg-Tg(Ins2\*Y16A)3Ell Ins1<sup>tm1Jja</sup> 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)3EII Ins1 tm1Jja Ins2/GseJ.

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

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.