

# Resource Summary Report

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

## NOD.Cg-B2m<sup>tm1Unc</sup> Tg(B2M)55Hpl/Dvs

RRID:IMSR\_JAX:003355

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:003355

### Organism Information

**URL:** <https://www.jax.org/strain/003355>

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**Description:** Mus musculus with name NOD.Cg-B2m<sup>tm1Unc</sup> Tg(B2M)55Hpl/Dvs from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: beta-2-microglobulin|transgene insertion 55; Hidde Ploegh|beta-2 microglobulin; mutant strain|congenic strain: B2M|Tg(B2M)55Hpl|B2m

**Affected Gene:** beta-2-microglobulin|transgene insertion 55; Hidde Ploegh|beta-2 microglobulin

**Genomic Alteration:** transgene insertion 55; Hidde Ploegh|targeted mutation 1; University of North Carolina

**Catalog Number:** JAX:003355

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** embryo

**Organism Name:** NOD.Cg-B2m<sup>tm1Unc</sup> Tg(B2M)55Hpl/Dvs

**Record Creation Time:** 20250513T053639+0000

**Record Last Update:** 20260808T050840+0000

### Ratings and Alerts

No rating or validation information has been found for NOD.Cg-B2m<sup>tm1Unc</sup>  
Tg(B2M)55Hpl/Dvs.

**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.