

# Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

**NOD.Cg-B2m<sup>tm1Unc</sup> Tg(B2M)55Hpl Tg(HLA-B\*0702)#Chmb/TdIlJ**

RRID:IMSR\_JAX:018907

Type: Organism

## Proper Citation

RRID:IMSR\_JAX:018907

## Organism Information

**URL:** <https://www.jax.org/strain/018907>

**Proper Citation:** RRID:IMSR\_JAX:018907

**Description:** Mus musculus with name NOD.Cg-B2m<sup>tm1Unc</sup> Tg(B2M)55Hpl Tg(HLA-B\*0702)#Chmb/TdIlJ from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: transgene insertion; Jeffrey S Chamberlain|beta-2 microglobulin|beta-2-microglobulin|transgene insertion 55; Hidde Ploegh|major histocompatibility complex; class I; B; mutant strain|congenic strain: Tg(HLA-B\*0702)#Chmb|B2m|B2M|Tg(B2M)55Hpl|HLA-B

**Affected Gene:** transgene insertion; Jeffrey S Chamberlain|beta-2 microglobulin|beta-2-microglobulin|transgene insertion 55; Hidde Ploegh|major histocompatibility complex; class I; B

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

**Catalog Number:** JAX:018907

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** NOD.Cg-B2m<sup>tm1Unc</sup> Tg(B2M)55Hpl Tg(HLA-B\*0702)#Chmb/TdIlJ

**Record Creation Time:** 20250513T053739+0000

**Record Last Update:** 20260808T050944+0000

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## Ratings and Alerts

No rating or validation information has been found for NOD.Cg-B2m<sup>tm1Unc</sup> Tg(B2M)55Hpl Tg(HLA-B\*0702)#Chmb/TdIlJ.

**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.