

Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

NOD.Cg-B2m^{tm1Unc} 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^{tm1Unc} 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^{tm1Unc} Tg(B2M)55Hpl Tg(HLA-B*0702)#Chmb/TdIlJ

Record Creation Time: 20250513T053739+0000

Record Last Update: 20260808T050944+0000

Ratings and Alerts

No rating or validation information has been found for NOD.Cg-B2m^{tm1Unc} 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.

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.