

Resource Summary Report

Generated by [kravitz2](#) on Sep 19, 2026

NOD.Cg-B2m^{tm1Unc} Tg(HLA-A/H2-D/B2M)1Dvs/DvsJ

RRID:IMSR_JAX:006611

Type: Organism

Proper Citation

RRID:IMSR_JAX:006611

Organism Information

URL: <https://www.jax.org/strain/006611>

Proper Citation: RRID:IMSR_JAX:006611

Description: Mus musculus with name NOD.Cg-B2m^{tm1Unc} Tg(HLA-A/H2-D/B2M)1Dvs/DvsJ from IMSR.

Species: Mus musculus

Synonyms: NOD.129P2(B6)-B2m Tg(HLA-A/H2-D/B2M)1Dvs/DvsJ. NOD.beta2m-.HHD. NOD.B.2m.HHD

Notes: gene symbol note: major histocompatibility complex; class I; subtype A2.1|beta-2-microglobulin|beta-2 microglobulin|major histocompatibility complex; class I; A|transgene insertion 1; David V Serreze; mutant strain|congenic strain: HLA-A2.1|B2M|B2m|HLA-A|Tg(HLA-A/H2-D/B2M)1Dvs

Affected Gene: major histocompatibility complex; class I; subtype A2.1|beta-2-microglobulin|beta-2 microglobulin|major histocompatibility complex; class I; A|transgene insertion 1; David V Serreze

Genomic Alteration: transgene insertion 1; David V Serreze|targeted mutation 1; University of North Carolina

Catalog Number: JAX:006611

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: NOD.Cg-B2m^{tm1Unc} Tg(HLA-A/H2-D/B2M)1Dvs/DvsJ

Record Creation Time: 20250513T053657+0000

Record Last Update: 20260919T054847+0000

Ratings and Alerts

No rating or validation information has been found for NOD.Cg-B2m^{tm1Unc} Tg(HLA-A/H2-D/B2M)1Dvs/DvsJ.

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.