

# Resource Summary Report

Generated by [nidm-terms](#) on Jul 28, 2026

## NOD.129P2(B6)-B2m<sup>tm1Unc</sup> Tg(HLA-A24/H2-D/B2M)3Dvs/J

RRID:IMSR\_JAX:010565

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:010565

### Organism Information

**URL:** <https://www.jax.org/strain/010565>

**Proper Citation:** RRID:IMSR\_JAX:010565

**Description:** Mus musculus with name NOD.129P2(B6)-B2m<sup>tm1Unc</sup> Tg(HLA-A24/H2-D/B2M)3Dvs/J from IMSR.

**Species:** Mus musculus

**Synonyms:** NOD.A24/HHD

**Notes:** gene symbol note: beta-2 microglobulin|major histocompatibility complex; class I; A|transgene insertion 3; David V Serreze|histocompatibility 2; D region|beta-2-microglobulin; congenic strain: B2m|HLA-A|Tg(HLA-A24/H2-D/B2M)3Dvs|H2-D|B2M

**Affected Gene:** beta-2 microglobulin|major histocompatibility complex; class I; A|transgene insertion 3; David V Serreze|histocompatibility 2; D region|beta-2-microglobulin

**Genomic Alteration:** targeted mutation 1; University of North Carolina|transgene insertion 3; David V Serreze

**Catalog Number:** JAX:010565

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** NOD.129P2(B6)-B2m<sup>tm1Unc</sup> Tg(HLA-A24/H2-D/B2M)3Dvs/J

**Record Creation Time:** 20250513T053716+0000

**Record Last Update:** 20260725T044426+0000

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## Ratings and Alerts

No rating or validation information has been found for NOD.129P2(B6)-B2m<sup>tm1Unc</sup>  
Tg(HLA-A24/H2-D/B2M)3Dvs/J.

**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 found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

Low L, et al. (2019) Targeting mutant p53-expressing tumours with a T cell receptor-like antibody specific for a wild-type antigen. Nature communications, 10(1), 5382.

Yamamiya D, et al. (2018) Immune responses of human T lymphocytes to novel hepatitis B virus-derived peptides. PloS one, 13(6), e0198264.