

# Resource Summary Report

Generated by [dkNET](#) on Sep 18, 2026

## NOD.B6-B2m<sup>tm1Jae</sup> Tg(B2mb)1Rms Tg(TcraTcrbNY8.3)1Pesa/MarpApb

RRID:IMSR\_APB:4704

Type: Organism

### Proper Citation

RRID:IMSR\_APB:4704

### Organism Information

**URL:** <https://db.pb.apf.edu.au/phenbank/strain.html?id=4704>

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**Description:** Mus musculus with name NOD.B6-B2m<sup>tm1Jae</sup> Tg(B2mb)1Rms Tg(TcraTcrbNY8.3)1Pesa/MarpApb from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: |beta-2 microglobulin; mutant strain: |B2m

**Affected Gene:** |beta-2 microglobulin

**Genomic Alteration:** transgene insertion 1; Robyn M Slattery|targeted mutation 1; Rudolf Jaenisch|transgene insertion 1; Pere Santamaria

**Catalog Number:** APB:4704

**Database:** Australian Phenome Bank

**Database Abbreviation:** APB

**Availability:** sperm

**Organism Name:** NOD.B6-B2m<sup>tm1Jae</sup> Tg(B2mb)1Rms Tg(TcraTcrbNY8.3)1Pesa/MarpApb

**Record Creation Time:** 20250513T062348+0000

**Record Last Update:** 20260912T065311+0000

### Ratings and Alerts

No rating or validation information has been found for NOD.B6-B2m<sup>tm1Jae</sup>  
Tg(B2mb)1Rms Tg(TcraTcrbNY8.3)1Pesa/MarpApb.

**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:** Australian Phenome Bank

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.