

Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

[NOD.B6-B2m^{tm1Jae} Tg\(B2mb\)1Rms
Tg\(TcraTcrbNY8.3\)1Pesa/MarpApb](#)

RRID:IMSR_APB:4704
Type: Organism

Proper Citation

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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^{tm1Jae} 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^{tm1Jae} Tg(B2mb)1Rms
Tg(TcraTcrbNY8.3)1Pesa/MarpApb

Record Creation Time: 20250513T062348+0000

Record Last Update: 20260905T053442+0000

Ratings and Alerts

No rating or validation information has been found for NOD.B6-B2m^{tm1Jae}
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.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Australian Phenome Bank

Usage and Citation Metrics

We have not found any literature mentions for this resource.