

# Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

## NOD.Cg-Rag1<sup>tm1Mom</sup> Tg(TcrbAl4)1Dvs/DvsJ

RRID:IMSR\_JAX:004348

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:004348

### Organism Information

**URL:** <https://www.jax.org/strain/004348>

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**Description:** Mus musculus with name NOD.Cg-Rag1<sup>tm1Mom</sup> Tg(TcrbAl4)1Dvs/DvsJ from IMSR.

**Species:** Mus musculus

**Synonyms:** NOD.Cg-Tg(TcrbAl4)1Dvs Rag1/DvsJ

**Notes:** gene symbol note: T cell receptor beta chain|recombination activating 1|transgene insertion 1; David V Serreze; mutant strain|congenic strain: Tcrb|Rag1|Tg(TcrbAl4)1Dvs

**Affected Gene:** T cell receptor beta chain|recombination activating 1|transgene insertion 1; David V Serreze

**Genomic Alteration:** transgene insertion 1; David V Serreze|targeted mutation 1; Peter Mombaerts

**Catalog Number:** JAX:004348

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** embryo

**Organism Name:** NOD.Cg-Rag1<sup>tm1Mom</sup> Tg(TcrbAl4)1Dvs/DvsJ

**Record Creation Time:** 20250513T053644+0000

**Record Last Update:** 20260725T044353+0000

### Ratings and Alerts

No rating or validation information has been found for NOD.Cg-Rag1<sup>tm1Mom</sup>  
Tg(TcrbAl4)1Dvs/DvsJ.

**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 have not found any literature mentions for this resource.