

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

NOD.Cg-Rag1^{tm1Mom} 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>

Proper Citation: RRID:IMSR_JAX:004348

Description: Mus musculus with name NOD.Cg-Rag1^{tm1Mom} 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^{tm1Mom} 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^{tm1Mom}
Tg(TcrbAl4)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.