

Resource Summary Report

Generated by T1D on Sep 20, 2026

NOD.Cg-(Gpi1-D7Mit346)^{C57BL/6J} Tg(TcrbAl4)1Dvs/DvsJ

RRID:IMSR_JAX:006437

Type: Organism

Proper Citation

RRID:IMSR_JAX:006437

Organism Information

URL: <https://www.jax.org/strain/006437>

Proper Citation: RRID:IMSR_JAX:006437

Description: Mus musculus with name NOD.Cg-(Gpi1-D7Mit346)^{C57BL/6J} Tg(TcrbAl4)1Dvs/DvsJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: glucose-6-phosphate isomerase 1|T cell receptor beta chain|transgene insertion 1; David V Serreze|DNA segment; Chr 7; Massachusetts Institute of Technology 346; mutant strain|congenic strain: Gpi1|Tcrb|Tg(TcrbAl4)1Dvs|D7Mit346

Affected Gene: glucose-6-phosphate isomerase 1|T cell receptor beta chain|transgene insertion 1; David V Serreze|DNA segment; Chr 7; Massachusetts Institute of Technology 346

Genomic Alteration: |transgene insertion 1; David V Serreze

Catalog Number: JAX:006437

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: NOD.Cg-(Gpi1-D7Mit346)^{C57BL/6J} Tg(TcrbAl4)1Dvs/DvsJ

Record Creation Time: 20250513T053656+0000

Record Last Update: 20260919T054846+0000

Ratings and Alerts

No rating or validation information has been found for NOD.Cg-(Gpi1-D7Mit346)^{C57BL/6J}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.