

Resource Summary Report

Generated by T1D on Sep 20, 2026

NOD.Cg-(Gpi1-D7Mit346)^{C57BL/6J} Tg(TcraAl4)1Dvs/DvsJ

RRID:IMSR_JAX:006436

Type: Organism

Proper Citation

RRID:IMSR_JAX:006436

Organism Information

URL: <https://www.jax.org/strain/006436>

Proper Citation: RRID:IMSR_JAX:006436

Description: Mus musculus with name NOD.Cg-(Gpi1-D7Mit346)^{C57BL/6J} Tg(TcraAl4)1Dvs/DvsJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion 1; David V Serreze|glucose-6-phosphate isomerase 1|T cell receptor alpha chain|DNA segment; Chr 7; Massachusetts Institute of Technology 346; mutant strain|congenic strain: Tg(TcraAl4)1Dvs|Gpi1|Tcra|D7Mit346

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

Genomic Alteration: transgene insertion 1; David V Serreze|

Catalog Number: JAX:006436

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: NOD.Cg-(Gpi1-D7Mit346)^{C57BL/6J} Tg(TcraAl4)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(TcraAl4)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.