

Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

[NOD.Cg-Stat4^{tm1Gru} Thy1 Ifngr1 Tg\(TcraBDC2.5.TcrbBDC2.5\)1Doi/LmbrJ](#)

RRID:IMSR_JAX:024476

Type: Organism

Proper Citation

RRID:IMSR_JAX:024476

Organism Information

URL: <https://www.jax.org/strain/024476>

Proper Citation: RRID:IMSR_JAX:024476

Description: Mus musculus with name NOD.Cg-Stat4^{tm1Gru} Thy1 [Ifngr1](#)
[Tg\(TcraBDC2.5.TcrbBDC2.5\)1Doi/LmbrJ](#) from IMSR.

Species: Mus musculus

Notes: gene symbol note: T cell receptor beta chain|signal transducer and activator of transcription 4|thymus cell antigen 1; theta|interferon gamma receptor 1|T cell receptor alpha chain|transgene insertion 1; Christophe Benoist; mutant strain|congenic strain: Tcrb|Stat4|Thy1|Ifngr1|Tcra|Tg(TcraBDC2.5;TcrbBDC2.5)1Doi

Affected Gene: T cell receptor beta chain|signal transducer and activator of transcription 4|thymus cell antigen 1; theta|interferon gamma receptor 1|T cell receptor alpha chain|transgene insertion 1; Christophe Benoist

Genomic Alteration: transgene insertion 1; Christophe Benoist|targeted mutation 1; Michael J Grusby|a variant|targeted mutation 1; Michel Aguet

Catalog Number: JAX:024476

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: NOD.Cg-Stat4^{tm1Gru} Thy1 [Ifngr1](#)
[Tg\(TcraBDC2.5.TcrbBDC2.5\)1Doi/LmbrJ](#)

Record Creation Time: 20250513T053751+0000

Record Last Update: 20260808T050953+0000

Ratings and Alerts

No rating or validation information has been found for NOD.Cg-Stat4^{tm1Gru} Thy1 [Ifngr1](#) Tg(TcraBDC2.5.TcrbBDC2.5)1Doi/LmbrJ.

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.