

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 3, 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: interferon gamma receptor 1|signal transducer and activator of transcription 4|T cell receptor beta chain|thymus cell antigen 1; theta|T cell receptor alpha chain|transgene insertion 1; Christophe Benoist; mutant strain|congenic strain: Ifngr1|Stat4|Tcrb|Thy1|Tcra|Tg(TcraBDC2.5;TcrbBDC2.5)1Doi

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

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

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: 20260801T050500+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.