Resource Summary Report

Generated by Kravitz on Sep 19, 2026

C.129S2-Stat4^{tm1Gru}/J

RRID:IMSR_JAX:002826
Type: Organism

Proper Citation

RRID:IMSR_JAX:002826

Organism Information

URL: https://www.jax.org/strain/002826

Proper Citation: RRID:IMSR_JAX:002826

Description: Mus musculus with name C.129S2-Stat4^{tm1Gru}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: signal transducer and activator of transcription 4; mutant strain|congenic strain: Stat4

Affected Gene: signal transducer and activator of transcription 4

Genomic Alteration: targeted mutation 1; Michael J Grusby

Catalog Number: JAX:002826

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: C.129S2-Stat4^{tm1Gru}/J

Record Creation Time: 20250513T053635+0000

Record Last Update: 20260919T054824+0000

Ratings and Alerts

No rating or validation information has been found for C.129S2-Stat4^{tm1Gru}/J.

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 found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at Kravitz .

Fueyo-González F, et al. (2022) Interferon-? acts directly on T cells to prolong allograft survival by enhancing regulatory T cell induction through Foxp3 acetylation. Immunity, 55(3), 459.

Sciumè G, et al. (2020) Rapid Enhancer Remodeling and Transcription Factor Repurposing Enable High Magnitude Gene Induction upon Acute Activation of NK Cells. Immunity, 53(4), 745.

Weinstein JS, et al. (2018) STAT4 and T-bet control follicular helper T cell development in viral infections. The Journal of experimental medicine, 215(1), 337.

Teruya S, et al. (2018) Egr2-independent, Klf1-mediated induction of PD-L1 in CD4+ T cells. Scientific reports, 8(1), 7021.