Resource Summary Report

Generated by Kravitz on Sep 19, 2026

B6.129S2-Ciita^{tm1Ccum}/J

RRID:IMSR_JAX:003239
Type: Organism

Proper Citation

RRID:IMSR_JAX:003239

Organism Information

URL: https://www.jax.org/strain/003239

Proper Citation: RRID:IMSR_JAX:003239

Description: Mus musculus with name B6.129S2-Ciita^{tm1Ccum}/J from IMSR.

Species: Mus musculus

Synonyms: B6.129S2-C2ta/J

Notes: gene symbol note: class II transactivator; mutant strain|congenic strain: Ciita

Affected Gene: class II transactivator

Genomic Alteration: targeted mutation 1; Cheong-Hee Chang

Catalog Number: JAX:003239

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S2-Ciita^{tm1Ccum}/J

Record Creation Time: 20250513T053638+0000

Record Last Update: 20260919T054828+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S2-Ciita^{tm1Ccum}/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 .

Cui C, et al. (2021) Neoantigen-driven B cell and CD4 T follicular helper cell collaboration promotes anti-tumor CD8 T cell responses. Cell, 184(25), 6101.

Ellestad KK, et al. (2018) Prior to Peripheral Tolerance, Newly Generated CD4 T Cells Maintain Dangerous Autoimmune Potential: Fas- and Perforin-Independent Autoimmunity Controlled by Programmed Death-1. Frontiers in immunology, 9, 12.

Williams GP, et al. (2018) Targeting of the class II transactivator attenuates inflammation and neurodegeneration in an alpha-synuclein model of Parkinson's disease. Journal of neuroinflammation, 15(1), 244.

Ellestad KK, et al. (2017) PD-1 Controls Tonic Signaling and Lymphopenia-Induced Proliferation of T Lymphocytes. Frontiers in immunology, 8, 1289.