

Resource Summary Report

Generated by T1D on Sep 6, 2026

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

RRID:IMSR_JAX:003238

Type: Organism

Proper Citation

RRID:IMSR_JAX:003238

Organism Information

URL: <https://www.jax.org/strain/003238>

Proper Citation: RRID:IMSR_JAX:003238

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

Species: Mus musculus

Synonyms: C.129S2(B6)-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:003238

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

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

Record Creation Time: 20250513T053638+0000

Record Last Update: 20260905T044418+0000

Ratings and Alerts

No rating or validation information has been found for C.129S2(B6)-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 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Toulmin SA, et al. (2021) Type II alveolar cell MHCII improves respiratory viral disease outcomes while exhibiting limited antigen presentation. Nature communications, 12(1), 3993.