

Resource Summary Report

Generated by SPARC SAWG on Aug 8, 2026

B6.Cg-II10^{tm1Cgn} (D3Mit49-D3Mit348)/Lt

RRID:IMSR_JAX:005912

Type: Organism

Proper Citation

RRID:IMSR_JAX:005912

Organism Information

URL: <https://www.jax.org/strain/005912>

Proper Citation: RRID:IMSR_JAX:005912

Description: Mus musculus with name B6.Cg-II10^{tm1Cgn} (D3Mit49-D3Mit348)/Lt from IMSR.

Species: Mus musculus

Notes: gene symbol note: DNA segment; Chr 3; Massachusetts Institute of Technology 49|DNA Segment; Chr 3 Massachusetts Institute of Technology 348|cytokine deficiency colitis susceptibility 1|interleukin 10; mutant strain|congenic strain: D3Mit49|D3Mit348|Cdcs1|II10

Affected Gene: DNA segment; Chr 3; Massachusetts Institute of Technology 49|DNA Segment; Chr 3 Massachusetts Institute of Technology 348|cytokine deficiency colitis susceptibility 1|interleukin 10

Genomic Alteration: |C3H/HeJBir|targeted mutation 1; University of Cologne

Catalog Number: JAX:005912

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-II10^{tm1Cgn} (D3Mit49-D3Mit348)/Lt

Record Creation Time: 20250513T053653+0000

Record Last Update: 20260808T050856+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Il10^{tm1Cgn} (D3Mit49-D3Mit348)/Lt.

No alerts have been found for B6.Cg-Il10^{tm1Cgn} (D3Mit49-D3Mit348)/Lt.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Korchagina AA, et al. (2025) Tofacitinib ameliorates Campylobacter-induced intestinal pathology by suppressing IFN- γ producing ILCs and T cells. Mucosal immunology, 18(5), 1098.

Dhar S, et al. (2023) High monocytic MDSC signature predicts multi-drug resistance and cancer relapse in non-Hodgkin lymphoma patients treated with R-CHOP. Frontiers in immunology, 14, 1303959.