

Resource Summary Report

Generated by ASWG on Sep 1, 2026

B6.Cg-Il10^{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-Il10^{tm1Cgn} (D3Mit49-D3Mit348)/Lt from IMSR.

Species: Mus musculus

Notes: gene symbol note: DNA Segment; Chr 3 Massachusetts Institute of Technology 348|interleukin 10|cytokine deficiency colitis susceptibility 1|DNA segment; Chr 3; Massachusetts Institute of Technology 49; mutant strain|congenic strain: D3Mit348|Il10|Cdcs1|D3Mit49

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

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

Catalog Number: JAX:005912

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Il10^{tm1Cgn} (D3Mit49-D3Mit348)/Lt

Record Creation Time: 20250513T053653+0000

Record Last Update: 20260829T044944+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 [ASWG](#) .

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.