

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

C57BL/6N-Cysltr1^{tm1Ykn}/J

RRID:IMSR_JAX:030814

Type: Organism

Proper Citation

RRID:IMSR_JAX:030814

Organism Information

URL: <https://www.jax.org/strain/030814>

Proper Citation: RRID:IMSR_JAX:030814

Description: Mus musculus with name C57BL/6N-Cysltr1^{tm1Ykn}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: cysteinyl leukotriene receptor 1; coisogenic strain|mutant strain: Cysltr1

Affected Gene: cysteinyl leukotriene receptor 1

Genomic Alteration: targeted mutation 1; Yoshihide Kanaoka

Catalog Number: JAX:030814

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6N-Cysltr1^{tm1Ykn}/J

Record Creation Time: 20250513T053817+0000

Record Last Update: 20260912T060554+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-Cysltr1^{tm1Ykn}/J.

No alerts have been found for C57BL/6N-Cysltr1^{tm1Ykn}/J.

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 [NIF](#) .

McGinty JW, et al. (2020) Tuft-Cell-Derived Leukotrienes Drive Rapid Anti-helminth Immunity in the Small Intestine but Are Dispensable for Anti-protist Immunity. *Immunity*, 52(3), 528.