

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

BALB/cBy-Gulo^{sfx}/J

RRID:IMSR_JAX:004317

Type: Organism

Proper Citation

RRID:IMSR_JAX:004317

Organism Information

URL: <https://www.jax.org/strain/004317>

Proper Citation: RRID:IMSR_JAX:004317

Description: Mus musculus with name BALB/cBy-Gulo^{sfx}/J from IMSR.

Species: Mus musculus

Synonyms: BALB/cBy-sfx/J

Notes: gene symbol note: gulonolactone (L-) oxidase; coisogenic strain|mutant strain: Gulo

Affected Gene: gulonolactone (L-) oxidase

Genomic Alteration: spontaneous fracture

Catalog Number: JAX:004317

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: BALB/cBy-Gulo^{sfx}/J

Record Creation Time: 20250513T053644+0000

Record Last Update: 20260905T044425+0000

Ratings and Alerts

No rating or validation information has been found for BALB/cBy-Gulo^{sfx}/J.

No alerts have been found for BALB/cBy-Gulo^{Sfx}/J.

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 [NIF](#) .

Shi L, et al. (2021) Dietary Vitamin C and Age-Induced Lipid and Hormonal Metabolic Changes in a Humanized Mouse Model Not Synthesizing Vitamin C and Producing Lipoprotein(a) [Gulo (-/-); Lp(a)+]. Journal of nutrition and metabolism, 2021, 5591697.

Cha J, et al. (2016) Lipoprotein(a) and vitamin C impair development of breast cancer tumors in Lp(a)+; Gulo-/- mice. International journal of oncology, 49(3), 895.