

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

B6(Cg)-Ldha^{tm1c(EUCOMM)Wtsi}/DatsJ

RRID:IMSR_JAX:030112

Type: Organism

Proper Citation

RRID:IMSR_JAX:030112

Organism Information

URL: <https://www.jax.org/strain/030112>

Proper Citation: RRID:IMSR_JAX:030112

Description: Mus musculus with name B6(Cg)-Ldha^{tm1c(EUCOMM)Wtsi}/DatsJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: lactate dehydrogenase A; mutant strain: Ldha

Affected Gene: lactate dehydrogenase A

Genomic Alteration: targeted mutation 1c; Wellcome Trust Sanger Institute

Catalog Number: JAX:030112

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6(Cg)-Ldha^{tm1c(EUCOMM)Wtsi}/DatsJ

Record Creation Time: 20250513T053812+0000

Record Last Update: 20260725T044516+0000

Ratings and Alerts

No rating or validation information has been found for B6(Cg)-Ldha^{tm1c(EUCOMM)Wtsi}/DatsJ.

No alerts have been found for B6(Cg)-Ldha^{tm1c(EUCOMM)Wtsi}/DatsJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Li Y, et al. (2025) Lactylation of mTOR enhances autophagy in skeletal muscle during exercise. Cell chemical biology, 32(11), 1367.

Frame AK, et al. (2024) Altered neuronal lactate dehydrogenase A expression affects cognition in a sex- and age-dependent manner. iScience, 27(7), 110342.

Subudhi I, et al. (2024) Metabolic coordination between skin epithelium and type 17 immunity sustains chronic skin inflammation. Immunity, 57(7), 1665.

Gubser PM, et al. (2024) Aerobic glycolysis but not GLS1-dependent glutamine metabolism is critical for anti-tumor immunity and response to checkpoint inhibition. Cell reports, 43(8), 114632.

Zhang XN, et al. (2022) Ldha-Dependent Metabolic Programs in Sertoli Cells Regulate Spermiogenesis in Mouse Testis. Biology, 11(12).