Resource Summary Report

Generated by nidm-terms on Aug 7, 2026

129-Alox5^{tm1Fun}/J

RRID:IMSR_JAX:002485
Type: Organism

Proper Citation

RRID:IMSR_JAX:002485

Organism Information

URL: https://www.jax.org/strain/002485

Proper Citation: RRID:IMSR_JAX:002485

Description: Mus musculus with name 129-Alox5^{tm1Fun}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: arachidonate 5-lipoxygenase; mutant strain: Alox5

Affected Gene: arachidonate 5-lipoxygenase

Genomic Alteration: targeted mutation 1; Colin D Funk

Catalog Number: JAX:002485

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: 129-Alox5^{tm1Fun}/J

Record Creation Time: 20250513T053632+0000

Record Last Update: 20260801T050336+0000

Ratings and Alerts

No rating or validation information has been found for 129-Alox5^{tm1Fun}/J.

No alerts have been found for 129-Alox5^{tm1Fun}/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 nidm-terms .

Locachevic GA, et al. (2019) Paradoxical Effect of LTB4 on the Regulation of Stress-Induced Corticosterone Production. Frontiers in behavioral neuroscience, 13, 73.

Landgraf SS, et al. (2014) 5-Lypoxygenase products are involved in renal tubulointerstitial injury induced by albumin overload in proximal tubules in mice. PloS one, 9(10), e107549.