Resource Summary Report

Generated by nidm-terms on Aug 28, 2026

C57BL/6-Ackr3^{tm1Litt}/J

RRID:IMSR_JAX:008591
Type: Organism

Proper Citation

RRID:IMSR_JAX:008591

Organism Information

URL: https://www.jax.org/strain/008591

Proper Citation: RRID:IMSR_JAX:008591

Description: Mus musculus with name C57BL/6-Ackr3^{tm1Litt}/J from IMSR.

Species: Mus musculus

Synonyms: C57BL/6-Cxcr7/J

Notes: gene symbol note: atypical chemokine receptor 3|; coisogenic strain: Ackr3|

Affected Gene: atypical chemokine receptor 3|

Genomic Alteration: targeted mutation 1; Dan R Littman

Catalog Number: JAX:008591

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-Ackr3^{tm1Litt}/J

Record Creation Time: 20250513T053710+0000

Record Last Update: 20260815T050629+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Ackr3^{tm1Litt}/J.

No alerts have been found for C57BL/6-Ackr3^{tm1Litt}/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Fukuoka A, et al. (2024) Disruption of placental ACKR3 impairs growth and hematopoietic development of offspring. Development (Cambridge, England), 151(4).

Sigmund EC, et al. (2021) Lymphatic endothelial-cell expressed ACKR3 is dispensable for postnatal lymphangiogenesis and lymphatic drainage function in mice. PloS one, 16(4), e0249068.

Radice E, et al. (2020) Marginal Zone Formation Requires ACKR3 Expression on B Cells. Cell reports, 32(5), 107951.

Su T, et al. (2018) Single-cell analysis of early progenitor cells that build coronary arteries. Nature, 559(7714), 356.