

Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

C57BL/Ka

RRID:MGI:2159822

Type: Organism

Proper Citation

RRID:MGI:2159822

Organism Information

URL: <http://www.informatics.jax.org/strain/MGI:2159822>

Proper Citation: RRID:MGI:2159822

Description: laboratory mouse with name C57BL/Ka from MGI.

Species: laboratory mouse

Notes: Strain Type: inbred strain

Catalog Number: 2159822

Database: Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: C57BL/Ka

Record Creation Time: 20230227T022508+0000

Record Last Update: 20260905T152622+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/Ka.

No alerts have been found for C57BL/Ka.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Comazzetto S, et al. (2025) Ascorbate deficiency increases quiescence and self-renewal in hematopoietic stem cells and multipotent progenitors. *Blood*, 145(1), 114.

Wijshake T, et al. (2023) Helminth infection impacts hematopoiesis. *bioRxiv : the preprint server for biology*.

Burgess RJ, et al. (2022) Bmi1 suppresses protein synthesis and promotes proteostasis in hematopoietic stem cells. *Genes & development*, 36(15-16), 887.

Shen B, et al. (2021) A mechanosensitive peri-arteriolar niche for osteogenesis and lymphopoiesis. *Nature*, 591(7850), 438.

Zhang D, et al. (2021) BMI1 regulates multiple myeloma-associated macrophage's pro-myeloma functions. *Cell death & disease*, 12(5), 495.

Zhang J, et al. (2021) The effect of parathyroid hormone on osteogenesis is mediated partly by ostelectin. *Proceedings of the National Academy of Sciences of the United States of America*, 118(25).

DeVilbiss AW, et al. (2021) Metabolomic profiling of rare cell populations isolated by flow cytometry from tissues. *eLife*, 10.

Ubellacker JM, et al. (2020) Lymph protects metastasizing melanoma cells from ferroptosis. *Nature*, 585(7823), 113.

Shen B, et al. (2019) Integrin alpha11 is an Ostelectin receptor and is required for the maintenance of adult skeletal bone mass. *eLife*, 8.

Peltzer N, et al. (2018) LUBAC is essential for embryogenesis by preventing cell death and enabling haematopoiesis. *Nature*, 557(7703), 112.

Kumar B, et al. (2018) Acute myeloid leukemia transforms the bone marrow niche into a leukemia-permissive microenvironment through exosome secretion. *Leukemia*, 32(3), 575.

Taraborrelli L, et al. (2018) LUBAC prevents lethal dermatitis by inhibiting cell death induced by TNF, TRAIL and CD95L. *Nature communications*, 9(1), 3910.

Shimada IS, et al. (2017) Prdm16 is required for the maintenance of neural stem cells in the postnatal forebrain and their differentiation into ependymal cells. *Genes & development*, 31(11), 1134.

Teh CE, et al. (2016) Linear ubiquitin chain assembly complex coordinates late thymic T-cell differentiation and regulatory T-cell homeostasis. *Nature communications*, 7, 13353.

Yue R, et al. (2016) Clec11a/osteolectin is an osteogenic growth factor that promotes the maintenance of the adult skeleton. *eLife*, 5.

Weng L, et al. (2016) Identification of a CD133-CD55- population functions as a fetal common skeletal progenitor. *Scientific reports*, 6, 38632.

Hu X, et al. (2016) Identification of a common mesenchymal stromal progenitor for the adult haematopoietic niche. *Nature communications*, 7, 13095.

Acar M, et al. (2015) Deep imaging of bone marrow shows non-dividing stem cells are mainly perisinusoidal. *Nature*, 526(7571), 126.

Abbey JL, et al. (2015) Expression of TCR-V?? peptides by murine bone marrow cells does not identify T-cell progenitors. *Journal of cellular and molecular medicine*, 19(8), 1956.

Zhou BO, et al. (2015) Hematopoietic stem and progenitor cells regulate the regeneration of their niche by secreting Angiopoietin-1. *eLife*, 4, e05521.