

Resource Summary Report

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BALB/cAnNCr

RRID:MGI:2160915

Type: Organism

Proper Citation

RRID:MGI:2160915

Organism Information

URL: <http://www.informatics.jax.org/strain/MGI:2160915>

Proper Citation: RRID:MGI:2160915

Description: laboratory mouse with name BALB/cAnNCr from MGI.

Species: laboratory mouse

Notes: Strain Type: inbred strain

Catalog Number: 2160915

Database: Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: BALB/cAnNCr

Record Creation Time: 20230227T022110+0000

Record Last Update: 20250420T080528+0000

Ratings and Alerts

No rating or validation information has been found for BALB/cAnNCr.

No alerts have been found for BALB/cAnNCr.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 34 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Sakakibara N, et al. (2023) Oncogenic Ras and ?Np63? cooperate to recruit immunosuppressive polymorphonuclear myeloid-derived suppressor cells in a mouse model of squamous cancer pathogenesis. *Frontiers in immunology*, 14, 1200970.

Abarca-Buis RF, et al. (2023) Proximal ear hole injury heals by limited regeneration during the early postnatal phase in mice. *Journal of anatomy*, 242(3), 402.

Di Martino JS, et al. (2022) A tumor-derived type III collagen-rich ECM niche regulates tumor cell dormancy. *Nature cancer*, 3(1), 90.

Aron ZD, et al. (2021) trans-Translation inhibitors bind to a novel site on the ribosome and clear *Neisseria gonorrhoeae* in vivo. *Nature communications*, 12(1), 1799.

Wei P, et al. (2021) Structures suggest an approach for converting weak self-peptide tumor antigens into superagonists for CD8 T cells in cancer. *Proceedings of the National Academy of Sciences of the United States of America*, 118(23).

Mateus J, et al. (2021) CD8+ T Cell Response Quality Is Related to Parasite Control in an Animal Model of Single and Mixed Chronic *Trypanosoma cruzi* Infections. *Frontiers in cellular and infection microbiology*, 11, 723121.

Schmidt ME, et al. (2020) Pre-existing neutralizing antibodies prevent CD8 T cell-mediated immunopathology following respiratory syncytial virus infection. *Mucosal immunology*, 13(3), 507.

Franklin DA, et al. (2020) MEK activation modulates glycolysis and supports suppressive myeloid cells in TNBC. *JCI insight*, 5(15).

Piersma SJ, et al. (2020) Virus infection is controlled by hematopoietic and stromal cell sensing of murine cytomegalovirus through STING. *eLife*, 9.

Rowell J, et al. (2019) The effect of respiratory viruses on immunogenicity and protection induced by a candidate universal influenza vaccine in mice. *PloS one*, 14(4), e0215321.

Mateus J, et al. (2019) An Animal Model of Acute and Chronic Chagas Disease With the Reticulotropic Y Strain of *Trypanosoma cruzi* That Depicts the Multifunctionality and

Dysfunctionality of T Cells. *Frontiers in immunology*, 10, 918.

Mahauad-Fernandez WD, et al. (2018) B49, a BST-2-based peptide, inhibits adhesion and growth of breast cancer cells. *Scientific reports*, 8(1), 4305.

Schmidt ME, et al. (2018) Memory CD8 T cells mediate severe immunopathology following respiratory syncytial virus infection. *PLoS pathogens*, 14(1), e1006810.

Mahauad-Fernandez WD, et al. (2018) BST-2 promotes survival in circulation and pulmonary metastatic seeding of breast cancer cells. *Scientific reports*, 8(1), 17608.

Farthing DE, et al. (2017) Comparing DNA enrichment of proliferating cells following administration of different stable isotopes of heavy water. *Scientific reports*, 7(1), 4043.

Mahauad-Fernandez WD, et al. (2017) Cysteine-linked dimerization of BST-2 confers anoikis resistance to breast cancer cells by negating proapoptotic activities to promote tumor cell survival and growth. *Cell death & disease*, 8(3), e2687.

García M, et al. (2016) Age Dependence of Immunity Induced by a Candidate Universal Influenza Vaccine in Mice. *PloS one*, 11(4), e0153195.

Knudson CJ, et al. (2015) RSV vaccine-enhanced disease is orchestrated by the combined actions of distinct CD4 T cell subsets. *PLoS pathogens*, 11(3), e1004757.

Fitzsimmons SP, et al. (2014) Multiple factors influence the contribution of individual immunoglobulin light chain genes to the naïve antibody repertoire. *BMC immunology*, 15, 51.

Mahauad-Fernandez WD, et al. (2014) Bone marrow stromal antigen 2 expressed in cancer cells promotes mammary tumor growth and metastasis. *Breast cancer research : BCR*, 16(6), 493.