Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 14, 2025

B6.SJL-Ptprc/BoyAiTac

RRID:IMSR_TAC:4007
Type: Organism

Proper Citation

RRID:IMSR_TAC:4007

Organism Information

URL: http://www.taconic.com/mouse-model/b6sjl

Proper Citation: RRID:IMSR_TAC:4007

Description: Mus musculus with name B6.SJL-Ptprc/BoyAiTac from IMSR.

Species: Mus musculus

Notes: gene symbol note: protein tyrosine phosphatase receptor type C; congenic strain: Ptprc

Affected Gene: protein tyrosine phosphatase receptor type C

Genomic Alteration: a variant

Catalog Number: TAC:4007

Database: International Mouse Resource Center IMSR, TAC

Database Abbreviation: IMSR

Availability: live

Alternate IDs: IMSR_TAC:4007

Organism Name: B6.SJL-Ptprc/BoyAiTac

Record Creation Time: 20230509T193152+0000

Record Last Update: 20250412T085819+0000

Ratings and Alerts

No rating or validation information has been found for B6.SJL-Ptprc/BoyAiTac.

No alerts have been found for B6.SJL-Ptprc/BoyAiTac.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, TAC

Usage and Citation Metrics

We found 24 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Anderson CK, et al. (2019) Qa-1-Restricted CD8+ T Cells Can Compensate for the Absence of Conventional T Cells during Viral Infection. Cell reports, 27(2), 537.

Shen E, et al. (2019) Control of Germinal Center Localization and Lineage Stability of Follicular Regulatory T Cells by the Blimp1 Transcription Factor. Cell reports, 29(7), 1848.

Viny AD, et al. (2019) Cohesin Members Stag1 and Stag2 Display Distinct Roles in Chromatin Accessibility and Topological Control of HSC Self-Renewal and Differentiation. Cell stem cell, 25(5), 682.

O'Connor C, et al. (2018) Trib2 expression in granulocyte-monocyte progenitors drives a highly drug resistant acute myeloid leukaemia linked to elevated Bcl2. Oncotarget, 9(19), 14977.

Smith JNP, et al. (2018) Type I IFNs drive hematopoietic stem and progenitor cell collapse via impaired proliferation and increased RIPK1-dependent cell death during shock-like ehrlichial infection. PLoS pathogens, 14(8), e1007234.

LaMothe RA, et al. (2018) Tolerogenic Nanoparticles Induce Antigen-Specific Regulatory T Cells and Provide Therapeutic Efficacy and Transferrable Tolerance against Experimental Autoimmune Encephalomyelitis. Frontiers in immunology, 9, 281.

Gejman RS, et al. (2018) Rejection of immunogenic tumor clones is limited by clonal fraction. eLife, 7.

Chaudhury S, et al. (2018) Age-specific biological and molecular profiling distinguishes paediatric from adult acute myeloid leukaemias. Nature communications, 9(1), 5280.

Kunimoto H, et al. (2018) Cooperative Epigenetic Remodeling by TET2 Loss and NRAS

Mutation Drives Myeloid Transformation and MEK Inhibitor Sensitivity. Cancer cell, 33(1), 44.

Tian L, et al. (2017) Mutual regulation of tumour vessel normalization and immunostimulatory reprogramming. Nature, 544(7649), 250.

Unnisa Z, et al. (2016) Aryl Hydrocarbon Receptor Deficiency in an Exon 3 Deletion Mouse Model Promotes Hematopoietic Stem Cell Proliferation and Impacts Endosteal Niche Cells. Stem cells international, 2016, 4536187.

Lee H, et al. (2016) BAF180 regulates cellular senescence and hematopoietic stem cell homeostasis through p21. Oncotarget, 7(15), 19134.

Zamora-Pineda J, et al. (2016) Dendritic cell sphingosine-1-phosphate lyase regulates thymic egress. The Journal of experimental medicine, 213(12), 2773.

Sag D, et al. (2015) The cholesterol transporter ABCG1 links cholesterol homeostasis and tumour immunity. Nature communications, 6, 6354.

Fasnacht N, et al. (2014) Specific fibroblastic niches in secondary lymphoid organs orchestrate distinct Notch-regulated immune responses. The Journal of experimental medicine, 211(11), 2265.

Pitzonka L, et al. (2014) The Thoc1 encoded ribonucleoprotein is required for myeloid progenitor cell homeostasis in the adult mouse. PloS one, 9(5), e97628.

Gray EE, et al. (2013) Deficiency in IL-17-committed V?4(+) ?? T cells in a spontaneous Sox13-mutant CD45.1(+) congenic mouse substrain provides protection from dermatitis. Nature immunology, 14(6), 584.

Klebanoff CA, et al. (2013) Retinoic acid controls the homeostasis of pre-cDC-derived splenic and intestinal dendritic cells. The Journal of experimental medicine, 210(10), 1961.

Teng EC, et al. (2011) Gfer inhibits Jab1-mediated degradation of p27kip1 to restrict proliferation of hematopoietic stem cells. Molecular biology of the cell, 22(8), 1312.

Tagliani E, et al. (2011) Coordinate regulation of tissue macrophage and dendritic cell population dynamics by CSF-1. The Journal of experimental medicine, 208(9), 1901.