

Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

B6.SJL-Ptprc^aPepc/BoyCrI

RRID:IMSR_CRL:494

Type: Organism

Proper Citation

RRID:IMSR_CRL:494

Organism Information

URL: <http://www.criver.com/products-services/basic-research/find-a-model/ly51-mouse>

Proper Citation: RRID:IMSR_CRL:494

Description: Mus musculus with name B6.SJL-Ptprc^aPepc/**BoyCrI** from IMSR.

Species: Mus musculus

Notes: gene symbol note: ; congenic strain:

Catalog Number: CRL:494

Database: Charles River Laboratories

Database Abbreviation: CRL

Availability: live

Organism Name: B6.SJL-Ptprc^aPepc/**BoyCrI**

Record Creation Time: 20250513T062410+0000

Record Last Update: 20260808T055927+0000

Ratings and Alerts

No rating or validation information has been found for B6.SJL-Ptprc^aPepc/**BoyCrI**.

No alerts have been found for B6.SJL-Ptprc^aPepc/**BoyCrI**.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 99 mentions in open access literature.

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

Polcik L, et al. (2026) CD49d governs immune synapse formation through actin rearrangements and synchronizes BCR signaling in CLL. *Blood*, 147(26), 3179.

López-Hernández L, et al. (2026) BCLAF1 links RNA splicing to ATF4-dependent metabolic adaptation in acute myeloid leukemia. *bioRxiv : the preprint server for biology*.

Braun LM, et al. (2025) Adiponectin reduces immune checkpoint inhibitor-induced inflammation without blocking anti-tumor immunity. *Cancer cell*, 43(2), 269.

Braun LM, et al. (2025) Protocol to study in vivo organ-specific migration of apoptotic splenocytes in mice with tumor and immune checkpoint inhibitor-induced colitis. *STAR protocols*, 6(2), 103878.

Amorós-Pérez M, et al. (2025) Lamin A/C Expression in Hematopoietic Cells Declines During Human Aging and Constrains Atherosclerosis in Mice. *Arteriosclerosis, thrombosis, and vascular biology*, 45(9), 1616.

Braun LM, et al. (2025) Protocol to study phagocytosis of apoptotic murine splenocytes by syngeneic antigen-presenting cells in vitro. *STAR protocols*, 6(3), 103903.

Dong H, et al. (2024) Targeting PRMT9-mediated arginine methylation suppresses cancer stem cell maintenance and elicits cGAS-mediated anticancer immunity. *Nature cancer*, 5(4), 601.

Morino-Koga S, et al. (2024) Transition of signal requirement in hematopoietic stem cell development from hemogenic endothelial cells. *Proceedings of the National Academy of Sciences of the United States of America*, 121(31), e2404193121.

Lyons-Cohen MR, et al. (2023) Prolonged T cell - DC macro-clustering within lymph node microenvironments initiates Th2 cell differentiation in a site-specific manner. *bioRxiv : the preprint server for biology*.

Harris R, et al. (2023) TCF-1 regulates NKG2D expression on CD8 T cells during anti-tumor responses. *Cancer immunology, immunotherapy : CII*, 72(6), 1581.

Xie X, et al. (2023) Dose-dependent effect of GFI1 expression in the reconstitution and the differentiation capacity of HSCs. *Frontiers in cell and developmental biology*, 11, 866847.

Zani F, et al. (2023) The dietary sweetener sucralose is a negative modulator of T cell-mediated responses. *Nature*, 615(7953), 705.

Sawaki D, et al. (2023) Osteopontin promotes age-related adipose tissue remodeling through senescence-associated macrophage dysfunction. *JCI insight*, 8(8).

Bailey C, et al. (2023) Genetic and pharmaceutical targeting of HIF1 α allows combo-immunotherapy to boost graft vs. leukemia without exacerbation graft vs. host disease. *Cell reports. Medicine*, 4(11), 101236.

Skokowa J, et al. (2022) A topological refactoring design strategy yields highly stable granulopoietic proteins. *Nature communications*, 13(1), 2948.

Mudalagiriappa S, et al. (2022) GM-CSF $^{+}$ Tc17 cells are required to bolster vaccine immunity against lethal fungal pneumonia without causing overt pathology. *Cell reports*, 41(4), 111543.

Pylaeva E, et al. (2022) During early stages of cancer, neutrophils initiate anti-tumor immune responses in tumor-draining lymph nodes. *Cell reports*, 40(7), 111171.

Douna H, et al. (2022) IFN γ -Stimulated B Cells Inhibit T Follicular Helper Cells and Protect Against Atherosclerosis. *Frontiers in cardiovascular medicine*, 9, 781436.

Valeri V, et al. (2022) B cell intrinsic and extrinsic factors impacting memory recall responses to SRBC challenge. *Frontiers in immunology*, 13, 873886.

Melo-Silva CR, et al. (2022) Interferon partly dictates a divergent transcriptional response in poxvirus-infected and bystander inflammatory monocytes. *Cell reports*, 41(8), 111676.