

Resource Summary Report

Generated by [NIF](#) on Aug 8, 2026

B6.129P2-Ptprc^a Igh/J

RRID:IMSR_JAX:007594

Type: Organism

Proper Citation

RRID:IMSR_JAX:007594

Organism Information

URL: <https://www.jax.org/strain/007594>

Proper Citation: RRID:IMSR_JAX:007594

Description: Mus musculus with name B6.129P2-Ptprc^a Igh/J from IMSR.

Species: Mus musculus

Synonyms: B6.129P2-Ptprc [Igh-V/J](#)

Notes: gene symbol note: protein tyrosine phosphatase receptor type C|immunoglobulin heavy chain complex; mutant strain|congenic strain: Ptprc|Igh

Affected Gene: protein tyrosine phosphatase receptor type C|immunoglobulin heavy chain complex

Genomic Alteration: a variant|targeted mutation 1; Michel C Nussenzweig

Catalog Number: JAX:007594

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129P2-Ptprc^a Igh/J

Record Creation Time: 20250513T053702+0000

Record Last Update: 20260808T050907+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Ptprc^a Igh/J.

No alerts have been found for B6.129P2-Ptprc^a Igh/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Xu T, et al. (2024) Notch2 signaling governs activated B cells to form memory B cells. Cell reports, 43(7), 114454.

Venturutti L, et al. (2023) An Aged/Autoimmune B-cell Program Defines the Early Transformation of Extranodal Lymphomas. Cancer discovery, 13(1), 216.

Hu Q, et al. (2022) Diverging regulation of Bach2 protein and RNA expression determine cell fate in early B cell response. Cell reports, 40(1), 111035.

Grenov A, et al. (2022) YTHDF2 suppresses the plasmablast genetic program and promotes germinal center formation. Cell reports, 39(5), 110778.

Biram A, et al. (2022) Bacterial infection disrupts established germinal center reactions through monocyte recruitment and impaired metabolic adaptation. Immunity, 55(3), 442.

Wang Y, et al. (2021) Early developing B cells undergo negative selection by central nervous system-specific antigens in the meninges. Immunity, 54(12), 2784.

Venturutti L, et al. (2020) TBL1XR1 Mutations Drive Extranodal Lymphoma by Inducing a Pro-tumorigenic Memory Fate. Cell, 182(2), 297.