

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

B6.129P2-Ptpn6^{tm1Rsky}/J

RRID:IMSR_JAX:008336

Type: Organism

Proper Citation

RRID:IMSR_JAX:008336

Organism Information

URL: <https://www.jax.org/strain/008336>

Proper Citation: RRID:IMSR_JAX:008336

Description: Mus musculus with name B6.129P2-Ptpn6^{tm1Rsky}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: protein tyrosine phosphatase; non-receptor type 6; congenic strain: Ptpn6

Affected Gene: protein tyrosine phosphatase; non-receptor type 6

Genomic Alteration: targeted mutation 1; Klaus Rajewsky

Catalog Number: JAX:008336

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129P2-Ptpn6^{tm1Rsky}/J

Record Creation Time: 20250513T053708+0000

Record Last Update: 20260725T044419+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Ptpn6^{tm1Rsky}/J.

No alerts have been found for B6.129P2-Ptpn6^{tm1Rsky}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Mazgaeen L, et al. (2023) CD47 halts Ptpn6-deficient neutrophils from provoking lethal inflammation. Science advances, 9(1), eade3942.

Mintz MA, et al. (2019) The HVEM-BTLA Axis Restrains T Cell Help to Germinal Center B Cells and Functions as a Cell-Extrinsic Suppressor in Lymphomagenesis. Immunity, 51(2), 310.

Miah SMS, et al. (2017) Ptpn11 Deletion in CD4+ Cells Does Not Affect T Cell Development and Functions but Causes Cartilage Tumors in a T Cell-Independent Manner. Frontiers in immunology, 8, 1326.