

# Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

## B6.129P2-Ptpn6<sup>tm1Rsky/J</sup>

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<sup>tm1Rsky/J</sup> 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<sup>tm1Rsky/J</sup>

**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<sup>tm1Rsky/J</sup>.

No alerts have been found for B6.129P2-Ptpn6<sup>tm1Rsky/J</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## 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.