

# Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

## B6;129T2-Ptch1<sup>tm1Bjw</sup>/WreyJ

RRID:IMSR\_JAX:030494

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:030494

### Organism Information

**URL:** <https://www.jax.org/strain/030494>

**Proper Citation:** RRID:IMSR\_JAX:030494

**Description:** Mus musculus with name B6;129T2-Ptch1<sup>tm1Bjw</sup>/WreyJ from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: patched 1; mutant stock: Ptch1

**Affected Gene:** patched 1

**Genomic Alteration:** targeted mutation 1; Brandon J Wainwright

**Catalog Number:** JAX:030494

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6;129T2-Ptch1<sup>tm1Bjw</sup>/WreyJ

**Record Creation Time:** 20250513T053815+0000

**Record Last Update:** 20260829T045120+0000

### Ratings and Alerts

No rating or validation information has been found for B6;129T2-Ptch1<sup>tm1Bjw</sup>/WreyJ.

No alerts have been found for B6;129T2-Ptch1<sup>tm1Bjw</sup>/WreyJ.

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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 4 mentions in open access literature.

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

Yang Y, et al. (2024) Thyroid hormone suppresses medulloblastoma progression through promoting terminal differentiation of tumor cells. Cancer cell, 42(8), 1434.

Wang Q, et al. (2023) Hedgehog receptors exert immune-surveillance roles in the epidermis across species. Cell reports, 42(8), 112929.

Dang MT, et al. (2021) Isolation of myeloid cells from mouse brain tumors for single-cell RNA-seq analysis. STAR protocols, 2(4), 100957.

Dang MT, et al. (2021) Macrophages in SHH subgroup medulloblastoma display dynamic heterogeneity that varies with treatment modality. Cell reports, 34(13), 108917.