

# Resource Summary Report

Generated by [Kravitz](#) on Sep 20, 2026

## B6.129P2(FVB)-Ptk2<sup>tm1.1Guan</sup>/J

RRID:IMSR\_JAX:031956

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:031956

### Organism Information

**URL:** <https://www.jax.org/strain/031956>

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**Description:** Mus musculus with name B6.129P2(FVB)-Ptk2<sup>tm1.1Guan</sup>/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: PTK2 protein tyrosine kinase 2; mutant strain|congenic strain: Ptk2

**Affected Gene:** PTK2 protein tyrosine kinase 2

**Genomic Alteration:** targeted mutation 1.1; Jun-Lin Guan

**Catalog Number:** JAX:031956

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6.129P2(FVB)-Ptk2<sup>tm1.1Guan</sup>/J

**Record Creation Time:** 20250513T053825+0000

**Record Last Update:** 20260919T055009+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129P2(FVB)-Ptk2<sup>tm1.1Guan</sup>/J.

No alerts have been found for B6.129P2(FVB)-Ptk2<sup>tm1.1Guan</sup>/J.

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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 2 mentions in open access literature.

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

Mitchell DK, et al. (2026) Inhibition of focal adhesion kinase impairs tumor formation and preserves hearing in a murine model of NF2-related schwannomatosis. Science advances, 12(5), eady8382.

Olivera GC, et al. (2021) Blood-brain barrier-restricted translocation of Toxoplasma gondii from cortical capillaries. eLife, 10.