

Resource Summary Report

Generated by [dkNET](#) on Sep 14, 2026

B6.129P2(FVB)-Ptk2^{tm1.1Guan}/J

RRID:IMSR_JAX:031956

Type: Organism

Proper Citation

RRID:IMSR_JAX:031956

Organism Information

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

Proper Citation: RRID:IMSR_JAX:031956

Description: Mus musculus with name B6.129P2(FVB)-Ptk2^{tm1.1Guan}/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^{tm1.1Guan}/J

Record Creation Time: 20250513T053825+0000

Record Last Update: 20260912T060600+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2(FVB)-Ptk2^{tm1.1Guan}/J.

No alerts have been found for B6.129P2(FVB)-Ptk2^{tm1.1Guan}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

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.