

# Resource Summary Report

Generated by [dkNET](#) on Sep 9, 2026

## B6.129X1(Cg)-Pkd2<sup>tm1.1Tjw</sup>/J

RRID:IMSR\_JAX:017292

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:017292

### Organism Information

**URL:** <https://www.jax.org/strain/017292>

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**Description:** Mus musculus with name B6.129X1(Cg)-Pkd2<sup>tm1.1Tjw</sup>/J from IMSR.

**Species:** Mus musculus

**Synonyms:** B6.Cg-Pkd2/J

**Notes:** gene symbol note: polycystin 2; transient receptor potential cation channel; mutant strain|congenic strain: Pkd2

**Affected Gene:** polycystin 2; transient receptor potential cation channel

**Genomic Alteration:** targeted mutation 1.1; Terry J Watnick

**Catalog Number:** JAX:017292

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6.129X1(Cg)-Pkd2<sup>tm1.1Tjw</sup>/J

**Record Creation Time:** 20250513T053731+0000

**Record Last Update:** 20260905T044514+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129X1(Cg)-Pkd2<sup>tm1.1Tjw</sup>/J.

No alerts have been found for B6.129X1(Cg)-Pkd2<sup>tm1.1Tj</sup>wt/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 [dkNET](#) .

Guo J, et al. (2020) TRPP2 and STIM1 form a microdomain to regulate store-operated Ca<sup>2+</sup> entry and blood vessel tone. Cell communication and signaling : CCS, 18(1), 138.

Concepcion D, et al. (2018) Tbx6 controls left-right asymmetry through regulation of Gdf1. Biology open, 7(5).