

Resource Summary Report

Generated by [ASWG](#) on Sep 1, 2026

B6.129X1(Cg)-Pkd2^{tm1.1Tjw}/J

RRID:IMSR_JAX:017292

Type: Organism

Proper Citation

RRID:IMSR_JAX:017292

Organism Information

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

Proper Citation: RRID:IMSR_JAX:017292

Description: Mus musculus with name B6.129X1(Cg)-Pkd2^{tm1.1Tjw}/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^{tm1.1Tjw}/J

Record Creation Time: 20250513T053731+0000

Record Last Update: 20260829T045046+0000

Ratings and Alerts

No rating or validation information has been found for B6.129X1(Cg)-Pkd2^{tm1.1Tjw}/J.

No alerts have been found for B6.129X1(Cg)-Pkd2^{tm1.1Tjw}/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 [ASWG](#) .

Guo J, et al. (2020) TRPP2 and STIM1 form a microdomain to regulate store-operated Ca²⁺ 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).