

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

B6.129S4-Pkd1^{tm2Ggg/J}

RRID:IMSR_JAX:010671

Type: Organism

Proper Citation

RRID:IMSR_JAX:010671

Organism Information

URL: <https://www.jax.org/strain/010671>

Proper Citation: RRID:IMSR_JAX:010671

Description: Mus musculus with name B6.129S4-Pkd1^{tm2Ggg/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: polycystin 1; transient receptor potential channel interacting; mutant strain|congenic strain: Pkd1

Affected Gene: polycystin 1; transient receptor potential channel interacting

Genomic Alteration: targeted mutation 2; Gregory G Germino

Catalog Number: JAX:010671

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S4-Pkd1^{tm2Ggg/J}

Record Creation Time: 20250513T053717+0000

Record Last Update: 20260815T050636+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-Pkd1^{tm2Ggg/J}.

No alerts have been found for B6.129S4-Pkd1^{tm2Ggg/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Tham MS, et al. (2024) Deletion of Aurora kinase A prevents the development of polycystic kidney disease in mice. Nature communications, 15(1), 371.

Shillingford JM, et al. (2023) Functional TFEB activation characterizes multiple models of renal cystic disease and loss of polycystin-1. American journal of physiology. Renal physiology, 324(4), F404.

Daneshgar N, et al. (2021) Metabolic derangement in polycystic kidney disease mouse models is ameliorated by mitochondrial-targeted antioxidants. Communications biology, 4(1), 1200.

Ramalingam H, et al. (2021) A methionine-Mettl3-N6-methyladenosine axis promotes polycystic kidney disease. Cell metabolism, 33(6), 1234.

Legu?? E, et al. (2019) Tulp3 Is a Ciliary Trafficking Gene that Regulates Polycystic Kidney Disease. Current biology : CB, 29(5), 803.