

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

B6.Cg-Tg(Cdh16-cre)91Igr/J

RRID:IMSR_JAX:012237

Type: Organism

Proper Citation

RRID:IMSR_JAX:012237

Organism Information

URL: <https://www.jax.org/strain/012237>

Proper Citation: RRID:IMSR_JAX:012237

Description: Mus musculus with name B6.Cg-Tg(Cdh16-cre)91Igr/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: cadherin 16|transgene insertion 91; Peter Igarashi|; mutant strain|congenic strain: Cdh16|Tg(Cdh16-cre)91Igr|

Affected Gene: cadherin 16|transgene insertion 91; Peter Igarashi|

Genomic Alteration: transgene insertion 91; Peter Igarashi

Catalog Number: JAX:012237

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Tg(Cdh16-cre)91Igr/J

Record Creation Time: 20250513T053719+0000

Record Last Update: 20260725T044429+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(Cdh16-cre)91Igr/J.

No alerts have been found for B6.Cg-Tg(Cdh16-cre)91Igr/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Fischer S, et al. (2026) Loss of ADAMTS9 disrupts ciliogenesis and collagen homeostasis resulting in Nephronophthisis-like polycystic kidneys. bioRxiv : the preprint server for biology.

Torres JA, et al. (2024) β -hydroxybutyrate recapitulates the beneficial effects of ketogenic metabolic therapy in polycystic kidney disease. iScience, 27(9), 110773.

Ji X, et al. (2023) MRPL12-ANT3 interaction involves in acute kidney injury via regulating MPTP of tubular epithelial cells. iScience, 26(5), 106656.

Widjaja AA, et al. (2022) Targeting endogenous kidney regeneration using anti-IL11 therapy in acute and chronic models of kidney disease. Nature communications, 13(1), 7497.

van Megen WH, et al. (2022) Differential parathyroid and kidney Ca^{2+} -sensing receptor activation in autosomal dominant hypocalcemia 1. EBioMedicine, 78, 103947.

Jun JH, et al. (2022) Reduced expression of TAZ inhibits primary cilium formation in renal glomeruli. Experimental & molecular medicine, 54(2), 169.

Fu H, et al. (2021) The hepatocyte growth factor/c-met pathway is a key determinant of the fibrotic kidney local microenvironment. iScience, 24(10), 103112.

Chung KW, et al. (2019) Mitochondrial Damage and Activation of the STING Pathway Lead to Renal Inflammation and Fibrosis. Cell metabolism, 30(4), 784.

Werth M, et al. (2017) Transcription factor TFCP2L1 patterns cells in the mouse kidney collecting ducts. eLife, 6.

Calcagnì A, et al. (2016) Modelling TFE renal cell carcinoma in mice reveals a critical role of WNT signaling. eLife, 5.