Resource Summary Report

Generated by NIF on Aug 10, 2026

B6.Cg-Tg(NPHS2-cre)295Lbh/J

RRID:IMSR_JAX:008205
Type: Organism

Proper Citation

RRID:IMSR_JAX:008205

Organism Information

URL: https://www.jax.org/strain/008205

Proper Citation: RRID:IMSR_JAX:008205

Description: Mus musculus with name B6.Cg-Tg(NPHS2-cre)295Lbh/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion 295; Lawrence B Holzman|NPHS2; podocin|; congenic strain: Tg(NPHS2-cre)295Lbh|NPHS2|

Affected Gene: transgene insertion 295; Lawrence B Holzman|NPHS2; podocin|

Genomic Alteration: transgene insertion 295; Lawrence B Holzman

Catalog Number: JAX:008205

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Tg(NPHS2-cre)295Lbh/J

Record Creation Time: 20250513T053707+0000

Record Last Update: 20260808T050912+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(NPHS2-cre)295Lbh/J.

No alerts have been found for B6.Cg-Tg(NPHS2-cre)295Lbh/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Iwakura T, et al. (2026) Finerenone Improves Albuminuria via MR-TRPC Signaling in Diabetic Kidney Disease. Hypertension (Dallas, Tex. : 1979), 83(4), e25739.

Chen Y, et al. (2026) Rapid Podocyte ablation Causes Acute Renal Tubule Cell Necrosis and Interstitial Fibrosis. bioRxiv : the preprint server for biology.

Lee SR, et al. (2024) Nox4-SH3YL1 complex is involved in diabetic nephropathy. iScience, 27(2), 108868.

Raymundo JR, et al. (2023) KCTD1/KCTD15 complexes control ectodermal and neural crest cell functions, and their impairment causes aplasia cutis. The Journal of clinical investigation, 134(4).

Shahzad K, et al. (2022) Podocyte-specific Nlrp3 inflammasome activation promotes diabetic kidney disease. Kidney international, 102(4), 766.

Huang D, et al. (2021) Contribution of podocyte inflammatory exosome release to glomerular inflammation and sclerosis during hyperhomocysteinemia. Biochimica et biophysica acta. Molecular basis of disease, 1867(7), 166146.

Bao D, et al. (2021) MAD2B-mediated cell cycle reentry of podocytes is involved in the pathogenesis of FSGS. International journal of biological sciences, 17(15), 4396.

Refaeli I, et al. (2020) Distinct Functional Requirements for Podocalyxin in Immature and Mature Podocytes Reveal Mechanisms of Human Kidney Disease. Scientific reports, 10(1), 9419.

Lai H, et al. (2020) Podocyte and endothelial-specific elimination of BAMBI identifies differential transforming growth factor-? pathways contributing to diabetic glomerulopathy. Kidney international, 98(3), 601.

Fu Y, et al. (2020) Elevation of JAML Promotes Diabetic Kidney Disease by Modulating Podocyte Lipid Metabolism. Cell metabolism, 32(6), 1052.

Miyazaki T, et al. (2019) Cell-specific image-guided transcriptomics identifies complex injuries caused by ischemic acute kidney injury in mice. Communications biology, 2, 326.

Li SY, et al. (2019) DNMT1 in Six2 Progenitor Cells Is Essential for Transposable Element Silencing and Kidney Development. Journal of the American Society of Nephrology :

JASN, 30(4), 594.

Lausecker F, et al. (2018) Vinculin is required to maintain glomerular barrier integrity. Kidney international, 93(3), 643.

Majumder S, et al. (2018) Shifts in podocyte histone H3K27me3 regulate mouse and human glomerular disease. The Journal of clinical investigation, 128(1), 483.