Resource Summary Report

Generated by T1D on Sep 20, 2026

Mpv17/Mpv17

RRID:MGI:3624035
Type: Organism

Proper Citation

RRID:MGI:3624035

Organism Information

URL:

Proper Citation: RRID:MGI:3624035

Description: Allele Detail: Transgenic This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Transgenic This is a legacy resource.

Phenotype: cochlear ganglion degeneration, abnormal renal/urinary system physiology, decreased urine osmolality, abnormal renal glomerulus morphology, premature death, polyuria, decreased body weight, cellular phenotype, dilated mitochondria, abnormal sebaceous gland morphology, increased urine protein level, thin epidermis, thin skin, renal interstitial fibrosis, decreased hair follicle number, abnormal hepatocyte morphology, abnormal coat/hair pigmentation, decreased subcutaneous adipose tissue amount, increased circulating creatine kinase level, abnormal skin morphology, kidney degeneration, glomerulosclerosis, homeostasis/metabolism phenotype, increased urine protein level, decreased erythrocyte cell number, decreased hemoglobin content, dilated renal tubules, anemia, fused podocyte foot processes, glomerulosclerosis, abnormal glomerular capillary morphology, increased blood urea nitrogen level, increased circulating creatinine level, decreased circulating serum albumin level, renal glomerulus hypertrophy, cortical renal glomerulopathies, premature death, cachexia, hypoactivity, abnormal blood homeostasis, increased circulating cholesterol level, abnormal cochlea morphology, abnormal renal tubule morphology, renal glomerulus hypertrophy, cortical renal glomerulopathies, expanded mesangial matrix, abnormal renal glomerulus morphology, albuminuria, abnormal scala media morphology, organ of Corti degeneration, increased urine protein level, podocyte foot process effacement, stria vascularis degeneration, cochlear ganglion hypoplasia, spiral ligament degeneration, abnormal auditory brainstem response, increased circulating alanine transaminase level, increased circulating aspartate transaminase level, liver/biliary system phenotype, decreased circulating serum albumin level, increased kidney weight, albuminuria, premature death, abnormal liver lobule

morphology, abnormal liver sinusoid morphology, increased or absent threshold for auditory brainstem response, sensorineural hearing loss, spiral ligament degeneration, decreased mitochondrial DNA content, increased heart rate, abnormal hypodermis muscle layer morphology, abnormal circulating protein level, premature death, kidney failure, sensorineural hearing loss, hypertension, increased urine sodium level, abnormal portal triad morphology, cochlear outer hair cell degeneration, stria vascularis degeneration, organ of Corti degeneration, small sebaceous gland, abnormal mitochondrial crista morphology

Affected Gene: Mpv17

Genomic Alteration: Mpv17

Catalog Number: 3624035

Background: involves: CFW

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: PMID:7564095, PMID:1696177, PMID:10233845, PMID:18818194, PMID:10673153, PMID:10820170

Organism Name: Mpv17/Mpv17

Record Creation Time: 20240120T190558+0000

Record Last Update: 20240130T202004+0000

Ratings and Alerts

No rating or validation information has been found for Mpv17/Mpv17.

No alerts have been found for Mpv17/Mpv17.

Data and Source Information

Source: Integrated Animals

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.