

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

B6.129X1-Xdh^{tm1Fink}/Mmucd

RRID:MMRRC_014110-UCD

Type: Organism

Proper Citation

RRID:MMRRC_014110-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=14110

Proper Citation: RRID:MMRRC_014110-UCD

Description: Mus musculus with name B6.129X1-Xdh^{tm1Fink}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Cardiovascular, Developmental Biology, Diabetes, Immunology and Inflammation, Internal/Organ, Metabolism, Models for Human Disease, Research Tools; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal kidney development [MP:0000527]| decreased body size [MP:0001265]| premature death [MP:0002083]| abnormal lipid homeostasis [MP:0002118]| abnormal kidney morphology [MP:0002135]| abnormal renal tubule morphology [MP:0002703]| dilated renal tubules [MP:0002705]| small kidney [MP:0002989]| renal interstitial fibrosis [MP:0003215]| kidney failure [MP:0003606]| oxidative stress [MP:0003674]| pale kidney [MP:0004969]| hypoxia [MP:0005039]| increased triglyceride level [MP:0005317]| abnormal renal glomerulus morphology [MP:0005325]| increased blood urea nitrogen level [MP:0005565]| slow postnatal weight gain [MP:0008489]| increased circulating amylase level [MP:0008806]| decreased blood uric acid level [MP:0008822]| decreased abdominal adipose tissue amount [MP:0008853]| abnormal renal tubule epithelium morphology [MP:0009640]| abnormal blood homeostasis [MP:0009642]| abnormal urine homeostasis [MP:0009643]| crystalluria [MP:0009645]| postnatal lethality [MP:0011085]| complete penetrance [MP:0011405]

Affected Gene: Xdh

Catalog Number: 014110-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:15528468](#)

Alternate IDs: MMRRC_14110-UCD, MMRRC_014110, MMRRC_1411

Organism Name: B6.129X1-*Xdh*^{*tm1Fink*}/Mmucd

Record Creation Time: 20230308T054926+0000

Record Last Update: 20260801T123639+0000

Ratings and Alerts

No rating or validation information has been found for B6.129X1-*Xdh*^{*tm1Fink*}/Mmucd.

No alerts have been found for B6.129X1-*Xdh*^{*tm1Fink*}/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.