

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[Actn4^{tm1Plk}/Actn4^{tm1Plk}](#)

RRID:MGI:2669775

Type: Organism

Proper Citation

RRID:MGI:2669775

Organism Information

URL:

Proper Citation: RRID:MGI:2669775

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

Species: Mus musculus

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

Phenotype: glomerulosclerosis, postnatal growth retardation, abnormal renal glomerulus basement membrane morphology, kidney failure, premature death, detached podocyte, renal cast, abnormal glomerular capillary morphology, decreased podocyte number, increased urine protein level, abnormal podocyte adhesion, increased urine microalbumin level, small kidney, weight loss, pale kidney, albuminuria, increased lymphocyte chemotaxis, perinatal lethality, incomplete penetrance, podocyte foot process effacement, abnormal blood urea nitrogen level, dilated renal tubules, cortical renal glomerulopathies, albuminuria

Affected Gene: Actn4

Genomic Alteration: tm1Plk

Catalog Number: 2669775

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12782671](#), [PMID:17082197](#), [PMID:15208719](#)

Organism Name: Actn4^{tm1Plk}/Actn4^{tm1Plk}

Record Creation Time: 20240120T190731+0000

Record Last Update: 20240130T202057+0000

Ratings and Alerts

No rating or validation information has been found for Actn4^{tm1Plk}/Actn4^{tm1Plk}.

No alerts have been found for Actn4^{tm1Plk}/Actn4^{tm1Plk}.

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.