

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

[Stk36^{tm1Ptch}/Stk36^{tm1Ptch}; Tg\(Ddx4-cre\)1Ptch](#)

RRID:MGI:5577140

Type: Organism

Proper Citation

RRID:MGI:5577140

Organism Information

URL:

Proper Citation: RRID:MGI:5577140

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

Species: Mus musculus

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

Phenotype: abnormal sperm fibrous sheath morphology, abnormal sperm axoneme morphology, abnormal sperm flagellum morphology, abnormal sperm head morphology, abnormal sperm nucleus morphology, abnormal manchette morphology, mortality/aging, oligozoospermia, reproductive system phenotype, reduced activated sperm motility, male infertility, decreased sperm progressive motility, abnormal spermatid morphology, absent sperm head, abnormal sperm principal piece morphology

Affected Gene: Stk36

Genomic Alteration: Tg(Ddx4-cre)1Ptch, tm1Ptch

Catalog Number: 5577140

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24525297](#)

Organism Name: Stk36^{tm1Ptch}/Stk36^{tm1Ptch}; Tg(Ddx4-cre)1Ptch

Record Creation Time: 20240120T190043+0000

Record Last Update: 20240130T201704+0000

Ratings and Alerts

No rating or validation information has been found for Stk36^{tm1Ptch}/Stk36^{tm1Ptch}; Tg(Ddx4-cre)1Ptch.

No alerts have been found for Stk36^{tm1Ptch}/Stk36^{tm1Ptch}; Tg(Ddx4-cre)1Ptch.

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.