

Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

[Catsper1^{tm1Clph}/Catsper1^{tm1Clph}](#)

RRID:MGI:3694476

Type: Organism

Proper Citation

RRID:MGI:3694476

Organism Information

URL:

Proper Citation: RRID:MGI:3694476

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

Species: Mus musculus

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

Phenotype: asthenozoospermia, abnormal sperm motility, abnormal sperm physiology, reproductive system phenotype

Affected Gene: Catsper1

Genomic Alteration: tm1Clph

Catalog Number: 3694476

Background: involves: 129S4/SvJae

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:26429887](#), [PMID:17227845](#)

Organism Name: Catsper1^{tm1Clph}/Catsper1^{tm1Clph}

Record Creation Time: 20240120T190536+0000

Record Last Update: 20240130T201951+0000

Ratings and Alerts

No rating or validation information has been found for Catsper1^{tm1Clph}/Catsper1^{tm1Clph}.

No alerts have been found for Catsper1^{tm1Clph}/Catsper1^{tm1Clph}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Hwang JY, et al. (2026) CATSPER?? extracellular domains are essential for sperm calcium channel assembly and activity modulation. Science advances, 12(5), eadw3414.