

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

[Gpx4^{tm3Marc}/Gpx4^{tm3Marc}](#)

RRID:MGI:5433764

Type: Organism

Proper Citation

RRID:MGI:5433764

Organism Information

URL:

Proper Citation: RRID:MGI:5433764

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

Species: Mus musculus

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

Phenotype: cellular phenotype, abnormal sperm head morphology, reproductive system phenotype, abnormal sperm principal piece morphology, decreased fertilization frequency, kinked sperm flagellum, male infertility, abnormal sperm mitochondrial sheath morphology, impaired fertilization

Affected Gene: Gpx4

Genomic Alteration: tm3Marc

Catalog Number: 5433764

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19417079](#)

Organism Name: Gpx4^{tm3Marc}/Gpx4^{tm3Marc}

Record Creation Time: 20240120T190139+0000

Record Last Update: 20240130T201736+0000

Ratings and Alerts

No rating or validation information has been found for Gpx4^{tm3Marc}/Gpx4^{tm3Marc}.

No alerts have been found for Gpx4^{tm3Marc}/Gpx4^{tm3Marc}.

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.