

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[Tpgs1^{Gt\(ROSA22\)}Sor](#)/[Tpgs1^{Gt\(ROSA22\)}Sor](#)

RRID:MGI:2451045

Type: Organism

Proper Citation

RRID:MGI:2451045

Organism Information

URL:

Proper Citation: RRID:MGI:2451045

Description: Allele Detail: Gene trapped This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Gene trapped This is a legacy resource.

Phenotype: absent sperm flagellum, male infertility, abnormal sperm axoneme morphology, teratozoospermia, abnormal spermiogenesis, decreased total body fat amount, submission towards male mice

Affected Gene: Tpgs1

Genomic Alteration: Gt(ROSA22)Sor

Catalog Number: 2451045

Background: involves: 129S/SvEv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12242242](#)

Organism Name: Tpgs1^{Gt(ROSA22)}Sor/Tpgs1^{Gt(ROSA22)}Sor

Record Creation Time: 20240120T190744+0000

Record Last Update: 20240130T202105+0000

Ratings and Alerts

No rating or validation information has been found for $Tpgs1^{Gt(ROSA22)Sor}/Tpgs1^{Gt(ROSA22)Sor}$.

No alerts have been found for $Tpgs1^{Gt(ROSA22)Sor}/Tpgs1^{Gt(ROSA22)Sor}$.

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.