

Resource Summary Report

Generated by [dkNET](#) on Jul 29, 2026

[Smc6^{Gt\(RRT274\)}Byg/Smc6^{Gt\(RRT274\)}Byg](#)

RRID:MGI:5695442

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5695442

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

Species: Mus musculus

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

Phenotype: embryonic lethality during organogenesis, complete penetrance, decreased embryo size, embryonic growth retardation

Affected Gene: Smc6

Genomic Alteration: Gt(RRT274)Byg

Catalog Number: 5695442

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23518413](#)

Organism Name: Smc6^{Gt(RRT274)}Byg/Smc6^{Gt(RRT274)}Byg

Record Creation Time: 20240120T185933+0000

Record Last Update: 20240130T201620+0000

Ratings and Alerts

No rating or validation information has been found for Smc6^{Gt(RRT274)Byg}/Smc6^{Gt(RRT274)Byg}.

No alerts have been found for Smc6^{Gt(RRT274)Byg}/Smc6^{Gt(RRT274)Byg}.

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.