

Resource Summary Report

Generated by [dkNET](#) on Jul 28, 2026

[Smg1](#)[Gt\(AG0297\)Wtsi](#)/[Smg1⁺](#)

RRID:MGI:5485172

Type: Organism

Proper Citation

RRID:MGI:5485172

Organism Information

URL:

Proper Citation: RRID:MGI:5485172

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

Species: Mus musculus

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

Phenotype: homeostasis/metabolism phenotype, skeleton phenotype, prognathia, premature death, increased lung adenocarcinoma incidence, increased tumor incidence, increased lymphoma incidence, increased circulating interleukin-6 level, increased body weight, increased body size, increased body length, hematopoietic system phenotype, enlarged spleen, enlarged liver, hepatic steatosis, decreased circulating interleukin-1 beta level, chronic inflammation, cellular phenotype, abnormal tooth morphology, abnormal tooth development, abnormal kidney morphology, abnormal basicranium angle, increased B cell derived lymphoma incidence

Affected Gene: Smg1

Genomic Alteration: Gt(AG0297)Wtsi

Catalog Number: 5485172

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:23277562](#)

Organism Name: Smg1^{Gt(AG0297)Wtsi}/Smg1⁺

Record Creation Time: 20240120T190120+0000

Record Last Update: 20240130T201725+0000

Ratings and Alerts

No rating or validation information has been found for Smg1^{Gt(AG0297)Wtsi}/Smg1⁺.

No alerts have been found for Smg1^{Gt(AG0297)Wtsi}/Smg1⁺.

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.