

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 19, 2026

[Mdm2^{tm3.1Glo}/Mdm2^{tm3.1Glo}; Trp53^{tm3.1Glo}/Trp53⁺](#)

RRID:MGI:4835498

Type: Organism

Proper Citation

RRID:MGI:4835498

Organism Information

URL:

Proper Citation: RRID:MGI:4835498

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

Species: Mus musculus

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

Phenotype: increased mammary adenocarcinoma incidence, increased hemangiosarcoma incidence, increased histiocytic sarcoma incidence, increased lipoma incidence, increased lung adenoma incidence, increased adenocarcinoma incidence, increased carcinoma incidence, increased liver adenoma incidence, increased liver adenocarcinoma incidence, increased papilloma incidence, increased squamous cell carcinoma incidence, premature death, increased osteosarcoma incidence, increased sarcoma incidence, increased leiomyosarcoma incidence, increased lymphoma incidence, increased tumor incidence, increased fibrosarcoma incidence, decreased cellular sensitivity to ionizing radiation

Affected Gene: Trp53, Mdm2

Genomic Alteration: tm3.1Glo

Catalog Number: 4835498

Background: B6.129S-Mdm2 Trp53

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20832750](#)

Organism Name: Mdm2^{tm3.1Glo}/Mdm2^{tm3.1Glo}; Trp53^{tm3.1Glo}/Trp53⁺

Record Creation Time: 20240120T190243+0000

Record Last Update: 20240130T201813+0000

Ratings and Alerts

No rating or validation information has been found for Mdm2^{tm3.1Glo}/Mdm2^{tm3.1Glo}; Trp53^{tm3.1Glo}/Trp53⁺.

No alerts have been found for Mdm2^{tm3.1Glo}/Mdm2^{tm3.1Glo}; Trp53^{tm3.1Glo}/Trp53⁺.

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.