

# Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

## [Trp53<sup>tm1.2Awbr</sup>](#)/[Trp53<sup>tm1.2Awbr</sup>](#)

RRID:MGI:5014832

Type: Organism

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### Proper Citation

RRID:MGI:5014832

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### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:5014832

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

**Species:** Mus musculus

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

**Phenotype:** adipose tissue inflammation, decreased cellular sensitivity to gamma-irradiation, vasculitis, premature death, increased osteosarcoma incidence, lung inflammation, liver inflammation, liver cirrhosis, increased tumor incidence, increased splenocyte proliferation, increased ovary tumor incidence, increased lung adenoma incidence, increased intestinal adenoma incidence, increased inflammatory response, increased histiocytic sarcoma incidence, increased hibernoma incidence, increased circulating tumor necrosis factor level, absent optic nerve, abnormal lymphocyte morphology, abnormal common myeloid progenitor cell morphology, abnormal coat/ hair morphology, abnormal cell cycle, abnormal Peyer's patch morphology, increased T cell derived lymphoma incidence, increased B cell derived lymphoma incidence, enlarged spleen, exencephaly, increased circulating interleukin-6 level, extramedullary hematopoiesis, hepatic steatosis, increased brain size, increased cell proliferation, increased circulating interferon-gamma level, increased circulating interleukin-3 level, increased circulating interleukin-5 level, decreased thymocyte apoptosis

**Affected Gene:** Trp53

**Genomic Alteration:** tm1.2Awbr

**Catalog Number:** 5014832

**Background:** involves: C57BL/6

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:21411755](#)

**Organism Name:** Trp53<sup>tm1.2Awbr</sup>/Trp53<sup>tm1.2Awbr</sup>

**Record Creation Time:** 20240120T190217+0000

**Record Last Update:** 20240130T201800+0000

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## Ratings and Alerts

No rating or validation information has been found for Trp53<sup>tm1.2Awbr</sup>/Trp53<sup>tm1.2Awbr</sup>.

No alerts have been found for Trp53<sup>tm1.2Awbr</sup>/Trp53<sup>tm1.2Awbr</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.