

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

[Trp53^{tm1Brn}/Trp53^{tm1Brn}; Rb1^{tm2Brn}/Rb1^{tm2Brn}](#)

RRID:MGI:4437461

Type: Organism

Proper Citation

RRID:MGI:4437461

Organism Information

URL:

Proper Citation: RRID:MGI:4437461

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

Species: Mus musculus

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

Phenotype: increased lung carcinoma incidence, increased thyroid carcinoma incidence, increased lung tumor incidence, increased ovarian carcinoma incidence, premature death, increased ovary tumor incidence, increased metastatic potential, increased thyroid carcinoma incidence, increased lung small cell carcinoma incidence, altered tumor pathology, increased lung small cell carcinoma incidence

Affected Gene: Rb1, Trp53

Genomic Alteration: tm1Brn, tm2Brn

Catalog Number: 4437461

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:14522252](#), [PMID:19765830](#), [PMID:12839925](#)

Organism Name: Trp53^{tm1Brn}/Trp53^{tm1Brn}; Rb1^{tm2Brn}/Rb1^{tm2Brn}

Record Creation Time: 20240120T190305+0000

Record Last Update: 20240130T201825+0000

Ratings and Alerts

No rating or validation information has been found for Trp53^{tm1Brn}/Trp53^{tm1Brn}; Rb1^{tm2Brn}/Rb1^{tm2Brn}.

No alerts have been found for Trp53^{tm1Brn}/Trp53^{tm1Brn}; Rb1^{tm2Brn}/Rb1^{tm2Brn}.

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.