

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

[Lig4^{tm1Fwa}/Lig4^{tm1Fwa}; Trp53^{tm1Brd}/Trp53^{tm1Brd}](#)

RRID:MGI:3656003

Type: Organism

Proper Citation

RRID:MGI:3656003

Organism Information

URL:

Proper Citation: RRID:MGI:3656003

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

Species: Mus musculus

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

Phenotype: prenatal lethality, incomplete penetrance, increased fibroblast proliferation, premature death, increased lymphoma incidence, increased cellular sensitivity to ionizing radiation, decreased thymocyte number, increased B cell number, decreased neuron apoptosis, decreased body weight

Affected Gene: Lig4, Trp53

Genomic Alteration: tm1Fwa, tm1Brd

Catalog Number: 3656003

Background: involves: 129S6/SvEvTac * 129S7/SvEvBrd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10911993](#)

Organism Name: Lig4^{tm1Fwa}/Lig4^{tm1Fwa}; Trp53^{tm1Brd}/Trp53^{tm1Brd}

Record Creation Time: 20240120T190548+0000

Record Last Update: 20240130T202049+0000

Ratings and Alerts

No rating or validation information has been found for Lig4^{tm1Fwa}/Lig4^{tm1Fwa}; Trp53^{tm1Brd}/Trp53^{tm1Brd}.

No alerts have been found for Lig4^{tm1Fwa}/Lig4^{tm1Fwa}; Trp53^{tm1Brd}/Trp53^{tm1Brd}.

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.