

Resource Summary Report

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

[Trp53^{tm1.1Manf}/Trp53^{tm1.1Manf}](#)

RRID:MGI:5551468

Type: Organism

Proper Citation

RRID:MGI:5551468

Organism Information

URL:

Proper Citation: RRID:MGI:5551468

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

Species: Mus musculus

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

Phenotype: kinked tail, postnatal growth retardation, abnormal cerebellar cortex morphology, absent cerebellum vermis, abnormal cerebellar foliation, decreased neutrophil cell number, ataxia, abnormal spleen morphology, abnormal spleen white pulp morphology, abnormal thymus morphology, decreased bone marrow cell number, decreased hematopoietic stem cell proliferation, abnormal abdominal lymph node morphology, enlarged heart, small spleen, thrombocytopenia, abnormal digit pigmentation, abnormal definitive hematopoiesis, abnormal tail tip morphology, postnatal lethality, complete penetrance, anemia, small thymus, abnormal tibia morphology, extramedullary hematopoiesis, decreased brain size, abnormal limb morphology, thin cerebellar granule layer, abnormal cerebellar Purkinje cell layer

Affected Gene: Trp53

Genomic Alteration: tm1.1Manf

Catalog Number: 5551468

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24013501](#)

Organism Name: Trp53^{tm1.1Manf}/Trp53^{tm1.1Manf}

Record Creation Time: 20240120T190055+0000

Record Last Update: 20240130T201711+0000

Ratings and Alerts

No rating or validation information has been found for Trp53^{tm1.1Manf}/Trp53^{tm1.1Manf}.

No alerts have been found for Trp53^{tm1.1Manf}/Trp53^{tm1.1Manf}.

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.