

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

B6.129X1-*Trp53*^{tm1Ldo}/Mmnc

RRID:MMRRC_000362-UNC

Type: Organism

Proper Citation

RRID:MMRRC_000362-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=362

Proper Citation: RRID:MMRRC_000362-UNC

Description: Mus musculus with name B6.129X1-*Trp53*^{tm1Ldo}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Cancer; Mutation Type: Targeted Mutation ; Collection:

Phenotype: decreased bone mineral density [MP:0000063] kyphosis [MP:0000160] lordosis [MP:0000162] sparse hair [MP:0000416] delayed hair regrowth [MP:0000423] liver hypoplasia [MP:0000600] abnormal mammary gland development [MP:0000628] spleen hypoplasia [MP:0000694] thin dermal layer [MP:0001244] weight loss [MP:0001263] testis hypoplasia [MP:0001940] increased tumor incidence [MP:0002020] increased T cell derived lymphoma incidence [MP:0002024] increased sarcoma incidence [MP:0002032] increased lung adenoma incidence [MP:0002048] decreased tumor incidence [MP:0002052] premature death [MP:0002083] muscular atrophy [MP:0002269] delayed wound healing [MP:0002908] decreased liver weight [MP:0003402] renal hypoplasia [MP:0003446] premature aging [MP:0003786] decreased kidney weight [MP:0003918] decreased circulating insulin-like growth factor I level [MP:0004701] decreased skeletal muscle mass [MP:0004819] decreased testis weight [MP:0004852] decreased spleen weight [MP:0004953] lethargy [MP:0005202] abnormal cell physiology [MP:0005621] decreased subcutaneous adipose tissue amount [MP:0008844] abnormal physiological response to xenobiotic [MP:0008872] increased sensitivity to xenobiotic induced morbidity/mortality [MP:0009766]

Affected Gene: Trp53

Catalog Number: 000362-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:11780111](#)

Alternate IDs: MMRRC_362-UNC, MMRRC_000362, MMRRC_362

Organism Name: B6.129X1-*Trp53*^{tm1Ldo}/Mmnc

Record Creation Time: 20230308T054752+0000

Record Last Update: 20260801T123213+0000

Ratings and Alerts

No rating or validation information has been found for B6.129X1-*Trp53*^{tm1Ldo}/Mmnc.

No alerts have been found for B6.129X1-*Trp53*^{tm1Ldo}/Mmnc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.