

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

B6;129S4-Trp53^{tm5Tyj/J}

RRID:IMSR_JAX:008361

Type: Organism

Proper Citation

RRID:IMSR_JAX:008361

Organism Information

URL: <https://www.jax.org/strain/008361>

Proper Citation: RRID:IMSR_JAX:008361

Description: Mus musculus with name B6;129S4-Trp53^{tm5Tyj/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: transformation related protein 53; mutant stock: Trp53

Affected Gene: transformation related protein 53

Genomic Alteration: targeted mutation 5; Tyler Jacks

Catalog Number: JAX:008361

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S4-Trp53^{tm5Tyj/J}

Record Creation Time: 20250513T053708+0000

Record Last Update: 20260905T044452+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S4-Trp53^{tm5Tyj/J}.

No alerts have been found for B6;129S4-Trp53^{tm5Tyj/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Lu Y, et al. (2022) CLP36 promotes p53 deficient sarcoma progression through suppression of atrophin-1 interacting protein-4 (AIP-4)-dependent degradation of YAP1. *Theranostics*, 12(11), 5051.

Ramakrishnan G, et al. (2022) NF1 loss of function as an alternative initiating event in pancreatic ductal adenocarcinoma. *Cell reports*, 41(6), 111623.