

# Resource Summary Report

Generated by [nidm-terms](#) on Aug 10, 2026

[Kras<sup>tm4Tyj</sup>/Kras<sup>+</sup>](#); [Trp53<sup>tm2Tyj</sup>/Trp53<sup>+</sup>](#)

RRID:MGI:3716965

Type: Organism

## Proper Citation

RRID:MGI:3716965

## Organism Information

**URL:**

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

**Species:** Mus musculus

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

**Phenotype:** increased lung non-small cell carcinoma incidence, respiratory distress, lung inflammation, increased lung adenocarcinoma incidence, weight loss, increased lung tumor incidence, increased lung tumor incidence, hunched posture

**Affected Gene:** Kras, Trp53

**Genomic Alteration:** tm4Tyj, tm2Tyj

**Catalog Number:** 3716965

**Background:** involves: 129S4/SvJae

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:16288016](#), [PMID:22964582](#)

**Organism Name:** Kras<sup>tm4Tyj</sup>/Kras<sup>+</sup>; Trp53<sup>tm2Tyj</sup>/Trp53<sup>+</sup>

**Record Creation Time:** 20240120T190512+0000

**Record Last Update:** 20240130T201937+0000

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## Ratings and Alerts

No rating or validation information has been found for Kras<sup>tm4Tyj/Kras<sup>+</sup></sup>; Trp53<sup>tm2Tyj/Trp53<sup>+</sup></sup>.

No alerts have been found for Kras<sup>tm4Tyj/Kras<sup>+</sup></sup>; Trp53<sup>tm2Tyj/Trp53<sup>+</sup></sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.