

# Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

[Trp53<sup>tm1Sia</sup>/Trp53<sup>tm1Sia</sup>; Ryr2<sup>tm1\(CAG-KRAS\\*G12V/-lacZ\)Nobs</sup>/Ryr2<sup>tm1\(CAG-KRAS\\*G12V/-lacZ\)Nobs</sup>](#)

RRID:MGI:3698871

Type: Organism

## Proper Citation

RRID:MGI:3698871

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3698871

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

**Species:** Mus musculus

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

**Phenotype:** increased rhabdomyosarcoma incidence, increased tumor incidence, myositis

**Affected Gene:** Trp53, Ryr2

**Genomic Alteration:** tm1(CAG-KRAS\*G12V, -lacZ)Nobs, tm1Sia

**Catalog Number:** 3698871

**Background:** involves: 129X1/SvJ \* C57BL/6 \* CBA

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:16785989](#)

**Organism Name:** Trp53<sup>tm1Sia</sup>/Trp53<sup>tm1Sia</sup>; Ryr2<sup>tm1(CAG-KRAS\*G12V/-lacZ)Nobs</sup>/Ryr2<sup>tm1(CAG-KRAS\*G12V/-lacZ)Nobs</sup>

**Record Creation Time:** 20240120T190531+0000

**Record Last Update:** 20240130T201948+0000

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## Ratings and Alerts

No rating or validation information has been found for Trp53<sup>tm1Sia</sup>/Trp53<sup>tm1Sia</sup>; Ryr2<sup>tm1(CAG-KRAS\*G12V/-lacZ)Nobs</sup>/Ryr2<sup>tm1(CAG-KRAS\*G12V/-lacZ)Nobs</sup>.

No alerts have been found for Trp53<sup>tm1Sia</sup>/Trp53<sup>tm1Sia</sup>; Ryr2<sup>tm1(CAG-KRAS\*G12V/-lacZ)Nobs</sup>/Ryr2<sup>tm1(CAG-KRAS\*G12V/-lacZ)Nobs</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.