

Resource Summary Report

Generated by [ASWG](#) on Aug 2, 2026

[Trp53^{tm1Sia}/Trp53^{tm1Sia}; Ryr2^{tm1\(CAG-KRAS*G12V/-lacZ\)Nobs}/Ryr2^{tm1\(CAG-KRAS*G12V/-lacZ\)Nobs}](#)

RRID:MGI:3698871

Type: Organism

Proper Citation

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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 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^{tm1Sia}/Trp53^{tm1Sia}; Ryr2^{tm1(CAG-KRAS*G12V/-lacZ)Nobs}/Ryr2^{tm1(CAG-KRAS*G12V/-lacZ)Nobs}

Record Creation Time: 20240120T190531+0000

Record Last Update: 20240130T201948+0000

Ratings and Alerts

No rating or validation information has been found for Trp53^{tm1Sia}/Trp53^{tm1Sia}; Ryr2^{tm1(CAG-KRAS*G12V/-lacZ)Nobs}/Ryr2^{tm1(CAG-KRAS*G12V/-lacZ)Nobs}.

No alerts have been found for Trp53^{tm1Sia}/Trp53^{tm1Sia}; Ryr2^{tm1(CAG-KRAS*G12V/-lacZ)Nobs}/Ryr2^{tm1(CAG-KRAS*G12V/-lacZ)Nobs}.

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.