

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

[Trp53^{tm1Brn}/Trp53^{tm3Glo}; Kras^{tm4Tyj}/Kras⁺; Tg\(KRT5-cre/PGR\)1Der](#)

RRID:MGI:3722604

Type: Organism

Proper Citation

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Organism Information

URL:

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Description: Allele Detail: Transgenic, Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Transgenic, Targeted This is a legacy resource.

Phenotype: increased spindle cell carcinoma incidence, increased incidence of tumors by chemical induction, increased carcinoma incidence

Affected Gene: Trp53, Kras

Genomic Alteration: tm4Tyj, tm1Brn, Tg(KRT5-cre/PGR)1Der, tm3Glo

Catalog Number: 3722604

Background: involves: 129/Sv * 129P2/OlaHsd * C57BL/6 * FVB * ICR

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17607363](#)

Organism Name: Trp53^{tm1Brn}/Trp53^{tm3Glo}; Kras^{tm4Tyj}/Kras⁺; Tg(KRT5-cre/PGR)1Der

Record Creation Time: 20240120T190502+0000

Record Last Update: 20240130T202004+0000

Ratings and Alerts

No rating or validation information has been found for Trp53^{tm1Brn}/Trp53^{tm3Glo}; Kras^{tm4Tyj}/Kras⁺; Tg(KRT5-cre/PGR)1Der.

No alerts have been found for Trp53^{tm1Brn}/Trp53^{tm3Glo}; Kras^{tm4Tyj}/Kras⁺; Tg(KRT5-cre/PGR)1Der.

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.