

Resource Summary Report

Generated by [ASWG](#) on Aug 11, 2026

[Trp53^{tm1Brn}/Trp53⁺; Cdkn2a^{tm2.1Nesh}/Cdkn2a⁺;
Kras^{tm4Tyj}/Kras⁺; Tg\(Tyr-cre/ERT2\)13Bos](#)

RRID:MGI:4835045

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:4835045

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

Species: Mus musculus

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

Phenotype: increased melanoma incidence, hyperpigmentation, abnormal melanocyte morphology, increased spindle cell carcinoma incidence

Affected Gene: Kras, Trp53, Cdkn2a

Genomic Alteration: tm2.1Nesh, tm1Brn, tm4Tyj, Tg(Tyr-cre/ERT2)13Bos

Catalog Number: 4835045

Background: involves: 129P2/OlaHsd * 129S4/SvJae * C57BL/6 * FVB

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20697345](#)

Organism Name: Trp53^{tm1Brn}/Trp53⁺; Cdkn2a^{tm2.1Nesh}/Cdkn2a⁺; Kras^{tm4Tyj}/Kras⁺;
Tg(Tyr-cre/ERT2)13Bos

Record Creation Time: 20240120T190244+0000

Ratings and Alerts

No rating or validation information has been found for Trp53^{tm1Brn}/Trp53⁺; Cdkn2a^{tm2.1Nesh}/Cdkn2a⁺; Kras^{tm4Tyj}/Kras⁺; Tg(Tyr-cre/ERT2)13Bos.

No alerts have been found for Trp53^{tm1Brn}/Trp53⁺; Cdkn2a^{tm2.1Nesh}/Cdkn2a⁺; Kras^{tm4Tyj}/Kras⁺; Tg(Tyr-cre/ERT2)13Bos.

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.