

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[Cdkn2a^{tm4Rdp}/Cdkn2a⁺; Kras^{tm4Tyj}/Kras⁺; Smad4^{tm1Rdp}/Smad4^{tm1Rdp}; Tg\(Pdx1-cre\)89.1Dam](#)

RRID:MGI:3695426

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3695426

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

Species: Mus musculus

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

Phenotype: premature death, increased tumor incidence, increased stomach tumor incidence, increased pancreatic ductal adenocarcinoma incidence

Affected Gene: Smad4, Kras, Cdkn2a

Genomic Alteration: Tg(Pdx1-cre)89.1Dam, tm1Rdp, tm4Rdp, tm4Tyj

Catalog Number: 3695426

Background: involves: 129S/SvEv * 129S4/SvJae * C57BL/6 * CBA * FVB/N

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17114584](#)

Organism Name: Cdkn2a^{tm4Rdp}/Cdkn2a⁺; Kras^{tm4Tyj}/Kras⁺; Smad4^{tm1Rdp}/Smad4^{tm1Rdp}; Tg(Pdx1-cre)89.1Dam

Record Creation Time: 20240120T190535+0000

Ratings and Alerts

No rating or validation information has been found for Cdkn2a^{tm4Rdp}/Cdkn2a⁺; Kras^{tm4Tyj}/Kras⁺; Smad4^{tm1Rdp}/Smad4^{tm1Rdp}; Tg(Pdx1-cre)89.1Dam.

No alerts have been found for Cdkn2a^{tm4Rdp}/Cdkn2a⁺; Kras^{tm4Tyj}/Kras⁺; Smad4^{tm1Rdp}/Smad4^{tm1Rdp}; Tg(Pdx1-cre)89.1Dam.

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.