

Resource Summary Report

Generated by [Kravitz](#) on Sep 17, 2026

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

RRID:MGI:3695422

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: premature death, increased stomach tumor incidence, increased tumor incidence, pancreas cysts

Affected Gene: Smad4, Kras

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

Catalog Number: 3695422

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

Record Creation Time: 20240120T190535+0000

Record Last Update: 20240130T201950+0000

Ratings and Alerts

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

No alerts have been found for Smad4^{tm1Rdp}/Smad4^{tm1Rdp}; Kras^{tm4Tyj}/Kras⁺; 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.