

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 23, 2026

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

RRID:MGI:3695429

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

Affected Gene: Smad4, Kras, Cdkn2a

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

Catalog Number: 3695429

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

Record Creation Time: 20240120T190535+0000

Record Last Update: 20240130T201950+0000

Ratings and Alerts

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

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

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.