

Resource Summary Report

Generated by [NIF](#) on Sep 13, 2026

[Smad4^{tm1Rdp}/Smad4^{tm1Rdp}; Ptf1a^{tm1.1}\(cre\)Cvw/Ptf1a⁺; Kras^{tm4Tyj}/Kras⁺; Cdkn2a^{tm4Rdp}/Cdkn2a^{tm4Rdp}](#)

RRID:MGI:3695428

Type: Organism

Proper Citation

RRID:MGI:3695428

Organism Information

URL:

Proper Citation: RRID:MGI:3695428

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

Species: Mus musculus

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

Phenotype: increased pancreatic ductal adenocarcinoma incidence, premature death

Affected Gene: Smad4, Kras, Ptf1a, Cdkn2a

Genomic Alteration: tm1.1(cre)Cvw, tm4Rdp, tm1Rdp, tm4Tyj

Catalog Number: 3695428

Background: involves: 129 * 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}; Ptf1a^{tm1.1}(cre)Cvw/Ptf1a⁺; Kras^{tm4Tyj}/Kras⁺; Cdkn2a^{tm4Rdp}/Cdkn2a^{tm4Rdp}

Record Creation Time: 20240120T190535+0000

Record Last Update: 20240130T202035+0000

Ratings and Alerts

No rating or validation information has been found for Smad4^{tm1Rdp}/Smad4^{tm1Rdp}; Ptf1a^{tm1.1(cre)Cw}/Ptf1a⁺; Kras^{tm4Tyj}/Kras⁺; Cdkn2a^{tm4Rdp}/Cdkn2a^{tm4Rdp}.

No alerts have been found for Smad4^{tm1Rdp}/Smad4^{tm1Rdp}; Ptf1a^{tm1.1(cre)Cw}/Ptf1a⁺; Kras^{tm4Tyj}/Kras⁺; Cdkn2a^{tm4Rdp}/Cdkn2a^{tm4Rdp}.

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.