

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

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

RRID:MGI:3695424

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3695424

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

Species: Mus musculus

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

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

Affected Gene: Smad4, Kras, Ptf1a, Cdkn2a

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

Catalog Number: 3695424

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}; Cdkn2a^{tm4Rdp}/Cdkn2a⁺; Ptf1a^{tm1.1(cre)Cvw}/Ptf1a⁺; Kras^{tm4Tyj}/Kras⁺

Record Creation Time: 20240120T190535+0000

Ratings and Alerts

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

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

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.