

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

[Polr2a^{tm1\(cre/ERT2\)Bbd}/Polr2a^{tm1\(cre/ERT2\)Bbd}; Cdk4^{tm2.1Bbd}/Cdk4^{tm2.1Bbd}; Kras^{tm1Bbd}/Kras^{tm2Bbd}](#)

RRID:MGI:4844191

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:4844191

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

Species: Mus musculus

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

Phenotype: increased adenocarcinoma incidence, early cellular replicative senescence, decreased tumor growth/size, decreased cell proliferation

Affected Gene: Kras, Polr2a, Cdk4

Genomic Alteration: tm2Bbd, tm1(cre/ERT2)Bbd, tm1Bbd, tm2.1Bbd

Catalog Number: 4844191

Background: involves: 129S1/Sv * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20609353](#)

Organism Name: Polr2a^{tm1(cre/ERT2)Bbd}/Polr2a^{tm1(cre/ERT2)Bbd}; Cdk4^{tm2.1Bbd}/Cdk4^{tm2.1Bbd}; Kras^{tm1Bbd}/Kras^{tm2Bbd}

Record Creation Time: 20240120T190238+0000

Ratings and Alerts

No rating or validation information has been found for Polr2a^{tm1(cre/ERT2)Bbd}/Polr2a^{tm1(cre/ERT2)Bbd}; Cdk4^{tm2.1Bbd}/Cdk4^{tm2.1Bbd}; Kras^{tm1Bbd}/Kras^{tm2Bbd}.

No alerts have been found for Polr2a^{tm1(cre/ERT2)Bbd}/Polr2a^{tm1(cre/ERT2)Bbd}; Cdk4^{tm2.1Bbd}/Cdk4^{tm2.1Bbd}; Kras^{tm1Bbd}/Kras^{tm2Bbd}.

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.