

# Resource Summary Report

Generated by [ASWG](#) on Jul 29, 2026

[Polr2a<sup>tm1\(cre/ERT2\)Bbd</sup>/Polr2a<sup>tm1\(cre/ERT2\)Bbd</sup>; Cdk4<sup>tm2.1Bbd</sup>/Cdk4<sup>tm2.1Bbd</sup>; Kras<sup>tm1Bbd</sup>/Kras<sup>tm2Bbd</sup>](#)

RRID:MGI:4844191

Type: Organism

## Proper Citation

RRID:MGI:4844191

## 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<sup>tm1(cre/ERT2)Bbd</sup>/Polr2a<sup>tm1(cre/ERT2)Bbd</sup>; Cdk4<sup>tm2.1Bbd</sup>/Cdk4<sup>tm2.1Bbd</sup>; Kras<sup>tm1Bbd</sup>/Kras<sup>tm2Bbd</sup>

**Record Creation Time:** 20240120T190238+0000

## Ratings and Alerts

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

No alerts have been found for Polr2a<sup>tm1(cre/ERT2)Bbd</sup>/Polr2a<sup>tm1(cre/ERT2)Bbd</sup>; Cdk4<sup>tm2.1Bbd</sup>/Cdk4<sup>tm2.1Bbd</sup>; Kras<sup>tm1Bbd</sup>/Kras<sup>tm2Bbd</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.