

Resource Summary Report

Generated by [ASWG](#) on Aug 24, 2026

[Polr2a^{tm1\(cre/ERT2\)Bbd}/Polr2a⁺; Mapk14^{tm2Nbr}/Mapk14^{tm2Nbr}](#)

RRID:MGI:3716853

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3716853

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

Species: Mus musculus

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

Phenotype: abnormal cell cycle, abnormal lung epithelium morphology, increased cell proliferation, abnormal pulmonary alveolus epithelial cell morphology, abnormal lung morphology

Affected Gene: Mapk14, Polr2a

Genomic Alteration: tm2Nbr, tm1(cre/ERT2)Bbd

Catalog Number: 3716853

Background: involves: 129 * C57BL/6 * CD-1 * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17468755](#)

Organism Name: Polr2a^{tm1(cre/ERT2)Bbd}/Polr2a⁺; Mapk14^{tm2Nbr}/Mapk14^{tm2Nbr}

Record Creation Time: 20240120T190512+0000

Ratings and Alerts

No rating or validation information has been found for Polr2a^{tm1(cre/ERT2)Bbd}/Polr2a⁺; Mapk14^{tm2Nbr}/Mapk14^{tm2Nbr}.

No alerts have been found for Polr2a^{tm1(cre/ERT2)Bbd}/Polr2a⁺; Mapk14^{tm2Nbr}/Mapk14^{tm2Nbr}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#).

Celaya AM, et al. (2019) Deficit of mitogen-activated protein kinase phosphatase 1 (DUSP1) accelerates progressive hearing loss. eLife, 8.