

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

[Kmt5c^{tm1.1Jnw}/Kmt5c^{tm1.1Jnw}; Kmt5b^{tm1.1Jnw}/Kmt5b^{tm1.1Jnw}](#)

RRID:MGI:3810112

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3810112

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

Species: Mus musculus

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

Phenotype: neonatal lethality, complete penetrance, increased cellular sensitivity to ultraviolet irradiation, prenatal lethality, incomplete penetrance, abnormal DNA repair, abnormal cell cycle, abnormal pulmonary alveolus morphology, decreased body size, decreased fibroblast proliferation, early cellular replicative senescence, increased cellular sensitivity to hydroxyurea

Affected Gene: Kmt5b, Kmt5c

Genomic Alteration: tm1.1Jnw

Catalog Number: 3810112

Background: involves: 129 * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18676810](#)

Organism Name: Kmt5c^{tm1.1Jnw}/Kmt5c^{tm1.1Jnw}; Kmt5b^{tm1.1Jnw}/Kmt5b^{tm1.1Jnw}

Record Creation Time: 20240120T190417+0000

Record Last Update: 20240130T201906+0000

Ratings and Alerts

No rating or validation information has been found for Kmt5c^{tm1.1Jnw}/Kmt5c^{tm1.1Jnw}; Kmt5b^{tm1.1Jnw}/Kmt5b^{tm1.1Jnw}.

No alerts have been found for Kmt5c^{tm1.1Jnw}/Kmt5c^{tm1.1Jnw}; Kmt5b^{tm1.1Jnw}/Kmt5b^{tm1.1Jnw}.

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.