

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org/) on May 7, 2024

B6.Cg-Kdm6b^{tm1.1Rbo}/J

RRID:IMSR_JAX:029615

Type: Organism

Proper Citation

RRID:IMSR_JAX:029615

Organism Information

URL: <https://www.jax.org/strain/029615>

Proper Citation: RRID:IMSR_JAX:029615

Description: Mus musculus with name B6.Cg-Kdm6b^{tm1.1Rbo}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: KDM1 lysine (K)-specific demethylase 6B; mutant strain|congenic strain: Kdm6b

Affected Gene: KDM1 lysine (K)-specific demethylase 6B

Genomic Alteration: targeted mutation 1.1; Remy Bosselut

Catalog Number: JAX:029615

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: sperm

Organism Name: B6.Cg-Kdm6b^{tm1.1Rbo}/J

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Kdm6b^{tm1.1Rbo}/J.

No alerts have been found for B6.Cg-Kdm6b^{tm1.1Rbo}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Dror E, et al. (2023) Epigenetic dosage identifies two major and functionally distinct ? cell subtypes. Cell metabolism, 35(5), 821.

Ramesh V, et al. (2023) Bidirectional regulation of postmitotic H3K27me3 distributions underlie cerebellar granule neuron maturation dynamics. eLife, 12.

Phan QM, et al. (2023) Lineage commitment of dermal fibroblast progenitors is controlled by Kdm6b-mediated chromatin demethylation. The EMBO journal, 42(19), e113880.

Phan QM, et al. (2023) Lineage Commitment of Dermal Fibroblast Progenitors is Mediated by Chromatin De-repression. bioRxiv : the preprint server for biology.

Guo T, et al. (2022) KDM6B interacts with TFDP1 to activate P53 signaling in regulating mouse palatogenesis. eLife, 11.

Wagner A, et al. (2021) Metabolic modeling of single Th17 cells reveals regulators of autoimmunity. Cell, 184(16), 4168.