

Resource Summary Report

Generated by T1D on Sep 19, 2026

B6;129S-Kdm6a^{tm1.1Kaig/J}

RRID:IMSR_JAX:024177

Type: Organism

Proper Citation

RRID:IMSR_JAX:024177

Organism Information

URL: <https://www.jax.org/strain/024177>

Proper Citation: RRID:IMSR_JAX:024177

Description: Mus musculus with name B6;129S-Kdm6a^{tm1.1Kaig/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: lysine (K)-specific demethylase 6A; mutant strain: Kdm6a

Affected Gene: lysine (K)-specific demethylase 6A

Genomic Alteration: targeted mutation 1.1; Kai Ge

Catalog Number: JAX:024177

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S-Kdm6a^{tm1.1Kaig/J}

Record Creation Time: 20250513T053750+0000

Record Last Update: 20260919T054936+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S-Kdm6a^{tm1.1Kaig/J}.

No alerts have been found for B6;129S-Kdm6a^{tm1.1Kaig/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

McIntyre TI, et al. (2025) KDM6B-dependent epigenetic programming of uterine fibroblasts in early pregnancy regulates parturition timing in mice. *Cell*, 188(5), 1265.

Duong P, et al. (2021) H3K27 demethylases are dispensable for activation of Polycomb-regulated injury response genes in peripheral nerve. *The Journal of biological chemistry*, 297(1), 100852.

Ge Z, et al. (2020) Identification of a new strain of mouse kidney parvovirus associated with inclusion body nephropathy in immunocompromised laboratory mice. *Emerging microbes & infections*, 9(1), 1814.