

Resource Summary Report

Generated by [ASWG](#) on Aug 10, 2026

B6.Cg-Smarcd1^{tm1.1Jddl}/J

RRID:IMSR_JAX:036171

Type: Organism

Proper Citation

RRID:IMSR_JAX:036171

Organism Information

URL: <https://www.jax.org/strain/036171>

Proper Citation: RRID:IMSR_JAX:036171

Description: Mus musculus with name B6.Cg-Smarcd1^{tm1.1Jddl}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: SWI/SNF related BAF chromatin remodeling complex subunit D1; mutant strain|congenic strain: Smarcd1

Affected Gene: SWI/SNF related BAF chromatin remodeling complex subunit D1

Genomic Alteration: targeted mutation 1.1; Jiandie D Lin

Catalog Number: JAX:036171

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Smarcd1^{tm1.1Jddl}/J

Record Creation Time: 20250513T053852+0000

Record Last Update: 20260808T051047+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Smarcd1^{tm1.1Jddl}/J.

No alerts have been found for B6.Cg-Smarcd1^{tm1.1Jddl}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Zhao Y, et al. (2023) Myeloid BAF60a deficiency alters metabolic homeostasis and exacerbates atherosclerosis. Cell reports, 42(10), 113171.