

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

B6.Cg-Mbd4^{tm1Wed}/J

RRID:IMSR_JAX:004989

Type: Organism

Proper Citation

RRID:IMSR_JAX:004989

Organism Information

URL: <https://www.jax.org/strain/004989>

Proper Citation: RRID:IMSR_JAX:004989

Description: Mus musculus with name B6.Cg-Mbd4^{tm1Wed}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: methyl-CpG binding domain protein 4; mutant strain|congenic strain: Mbd4

Affected Gene: methyl-CpG binding domain protein 4

Genomic Alteration: targeted mutation 1; Winfried Edelmann

Catalog Number: JAX:004989

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Mbd4^{tm1Wed}/J

Record Creation Time: 20250513T053647+0000

Record Last Update: 20260905T044429+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Mbd4^{tm1Wed}/J.

No alerts have been found for B6.Cg-Mbd4^{tm1Wed}/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 [NIF](#) .

Yu AM, et al. (2016) The Mbd4 DNA glycosylase protects mice from inflammation-driven colon cancer and tissue injury. Oncotarget, 7(19), 28624.