

Resource Summary Report

Generated by [Kravitz](#) on Sep 17, 2026

C57BL/6NJ-Brme1^{em1(IMPC)}J/Mmjax

RRID:IMSR_JAX:033142

Type: Organism

Proper Citation

RRID:IMSR_JAX:033142

Organism Information

URL: <https://www.jax.org/strain/033142>

Proper Citation: RRID:IMSR_JAX:033142

Description: Mus musculus with name C57BL/6NJ-Brme1^{em1(IMPC)}J/Mmjax from IMSR.

Species: Mus musculus

Synonyms: C57BL/6NJ-4930432K21Rik/Mmjax

Notes: gene symbol note: break repair meiotic recombinae recruitment factor 1;
coisogenic strain|mutant strain: Brme1

Affected Gene: break repair meiotic recombinae recruitment factor 1

Genomic Alteration: endonuclease-mediated mutation 1; Jackson

Catalog Number: JAX:033142

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6NJ-Brme1^{em1(IMPC)}J/Mmjax

Record Creation Time: 20250513T053833+0000

Record Last Update: 20260912T060606+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6NJ-Brme1^{em1(IMPC)}J/Mmjax.

No alerts have been found for C57BL/6NJ-Brme1^{em1(IMPC)}J/Mmjax.

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 [Kravitz](#) .

Zhang J, et al. (2020) The BRCA2-MEILB2-BRME1 complex governs meiotic recombination and impairs the mitotic BRCA2-RAD51 function in cancer cells. Nature communications, 11(1), 2055.