

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

B6;129S-Dnmt1^{tm1Jae}/J

RRID:IMSR_JAX:002123

Type: Organism

Proper Citation

RRID:IMSR_JAX:002123

Organism Information

URL: <https://www.jax.org/strain/002123>

Proper Citation: RRID:IMSR_JAX:002123

Description: Mus musculus with name B6;129S-Dnmt1^{tm1Jae}/J from IMSR.

Species: Mus musculus

Synonyms: B6;129S-Dnmt

Notes: gene symbol note: DNA methyltransferase 1; mutant stock: Dnmt1

Affected Gene: DNA methyltransferase 1

Genomic Alteration: targeted mutation 1; Rudolf Jaenisch

Catalog Number: JAX:002123

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6;129S-Dnmt1^{tm1Jae}/J

Record Creation Time: 20250513T053629+0000

Record Last Update: 20260808T050831+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S-Dnmt1^{tm1Jae}/J.

No alerts have been found for B6;129S-Dnmt1^{tm1Jae}/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](#) .

Kawamura YK, et al. (2025) Preventing CpG hypermethylation in oocytes safeguards mouse development. Developmental cell.