

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

B6(Cg)-Tet3^{tm1.1Rao}/J

RRID:IMSR_JAX:031015

Type: Organism

Proper Citation

RRID:IMSR_JAX:031015

Organism Information

URL: <https://www.jax.org/strain/031015>

Proper Citation: RRID:IMSR_JAX:031015

Description: Mus musculus with name B6(Cg)-Tet3^{tm1.1Rao}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: tet methylcytosine dioxygenase 3; mutant strain: Tet3

Affected Gene: tet methylcytosine dioxygenase 3

Genomic Alteration: targeted mutation 1.1; Anjana Rao

Catalog Number: JAX:031015

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6(Cg)-Tet3^{tm1.1Rao}/J

Record Creation Time: 20250513T053819+0000

Record Last Update: 20260829T045124+0000

Ratings and Alerts

No rating or validation information has been found for B6(Cg)-Tet3^{tm1.1Rao}/J.

No alerts have been found for B6(Cg)-Tet3^{tm1.1Rao}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Li S, et al. (2026) B cell TET2 recruits OGT for nuclear TET2 and H2B O-GlcNAcylation to drive AID and BLIMP-1 expression and maturation of the antibody response. Cell reports, 45(6), 117370.

Gioulbasani M, et al. (2024) TET proteins regulate Drosha expression and impact microRNAs in iNKT cells. Frontiers in immunology, 15, 1440044.

Gioulbasani M, et al. (2024) TET proteins regulate Drosha expression and impact microRNAs in iNKT cells. bioRxiv : the preprint server for biology.

Gioulbasani M, et al. (2024) Concomitant loss of TET2 and TET3 results in T cell expansion and genomic instability in mice. Communications biology, 7(1), 1606.