

Resource Summary Report

Generated by [kravitz2](#) on Sep 17, 2026

FVB/N-Tg(Zp3-cre)3Mrt/J

RRID:IMSR_JAX:003377

Type: Organism

Proper Citation

RRID:IMSR_JAX:003377

Organism Information

URL: <https://www.jax.org/strain/003377>

Proper Citation: RRID:IMSR_JAX:003377

Description: Mus musculus with name FVB/N-Tg(Zp3-cre)3Mrt/J from IMSR.

Species: Mus musculus

Synonyms: FVB/N-TgN(Zp3-Cre)3Mrt

Notes: gene symbol note: zona pellucida glycoprotein 3|transgene insertion 3; Gail R Martin|; mutant strain: Zp3|Tg(Zp3-cre)3Mrt|

Affected Gene: zona pellucida glycoprotein 3|transgene insertion 3; Gail R Martin|

Genomic Alteration: transgene insertion 3; Gail R Martin

Catalog Number: JAX:003377

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: FVB/N-Tg(Zp3-cre)3Mrt/J

Record Creation Time: 20250513T053639+0000

Record Last Update: 20260912T060423+0000

Ratings and Alerts

No rating or validation information has been found for FVB/N-Tg(Zp3-cre)3Mrt/J.

No alerts have been found for FVB/N-Tg(Zp3-cre)3Mrt/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#).

Stein P, et al. (2026) Beware of your "oocyte specific" Cre line: somatic cell Cre expression in several Zp3-Cre lines and the Gdf9-iCre transgenic line†. Biology of reproduction.

Schoeller EL, et al. (2021) Growth Hormone Pulses and Liver Gene Expression Are Differentially Regulated by the Circadian Clock Gene Bmal1. Endocrinology, 162(4).

Tonsfeldt KJ, et al. (2019) The Contribution of the Circadian Gene Bmal1 to Female Fertility and the Generation of the Preovulatory Luteinizing Hormone Surge. Journal of the Endocrine Society, 3(4), 716.