

Resource Summary Report

Generated by [Kravitz](#) on Sep 19, 2026

B6.Cg-H2az2Tg(Wnt1-cre)11Rth Tg(Wnt1-GAL4)11Rth/J

RRID:IMSR_JAX:009107

Type: Organism

Proper Citation

RRID:IMSR_JAX:009107

Organism Information

URL: <https://www.jax.org/strain/009107>

Proper Citation: RRID:IMSR_JAX:009107

Description: Mus musculus with name B6.Cg-H2az2^{Tg(Wnt1-cre)11Rth} Tg(Wnt1-GAL4)11Rth/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-H2afv Tg(Wnt1-GAL4)11Rth/J. B6.Cg-Tg(Wnt1-cre)11Rth Tg(Wnt1-GAL4)11Rth/MileJ. B6.Cg-Tg(Wnt1-cre)11Rth/MileJ. B6.Cg-Tg(Wnt1-cre)11Rth Tg(Wnt1-GAL4)11Rth/J

Notes: gene symbol note: |transcriptional activator GAL4|wingless-type MMTV integration site family; member 1|H2A.Z histone variant 2|transgene insertion 11; David H Rowitch; mutant strain|congenic strain: |GAL4|Wnt1|H2az2|Tg(Wnt1-GAL4)11Rth

Affected Gene: |transcriptional activator GAL4|wingless-type MMTV integration site family; member 1|H2A.Z histone variant 2|transgene insertion 11; David H Rowitch

Genomic Alteration: transgene insertion 11; David H Rowitch

Catalog Number: JAX:009107

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-H2az2^{Tg(Wnt1-cre)11Rth} Tg(Wnt1-GAL4)11Rth/J

Record Creation Time: 20250513T053713+0000

Record Last Update: 20260919T054901+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-H2az2^{Tg(Wnt1-cre)}11Rth Tg(Wnt1-GAL4)11Rth/J.

No alerts have been found for B6.Cg-H2az2^{Tg(Wnt1-cre)}11Rth Tg(Wnt1-GAL4)11Rth/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Benton Swanson W, et al. (2026) A tissue engineering approach to regenerate the cranial suture skeletal stem cell niche with a multicompartment biomaterial scaffold. Bone research, 14(1).

Midla SC, et al. (2025) Augmented Bone Morphogenetic Protein Signaling During TMJ Development Alters Morphology in a Timepoint-Dependent Manner. International journal of molecular sciences, 26(4).

Romay MC, et al. (2025) Region-specific gene expression and sex inform about disease susceptibility in the aorta. Nature cardiovascular research, 4(9), 1152.

Borgmann D, et al. (2021) Gut-brain communication by distinct sensory neurons differently controls feeding and glucose metabolism. Cell metabolism, 33(7), 1466.

Luo L, et al. (2020) Optimizing Nervous System-Specific Gene Targeting with Cre Driver Lines: Prevalence of Germline Recombination and Influencing Factors. Neuron, 106(1), 37.

Dubail J, et al. (2016) Impaired ADAMTS9 secretion: A potential mechanism for eye defects in Peters Plus Syndrome. Scientific reports, 6, 33974.