Resource Summary Report

Generated by ASWG on Jul 31, 2026

B6.Cg-Tg(Axin2-rtTA2S*M2)7Cos/J

RRID:IMSR_JAX:016997
Type: Organism

Proper Citation

RRID:IMSR_JAX:016997

Organism Information

URL: https://www.jax.org/strain/016997

Proper Citation: RRID:IMSR_JAX:016997

Description: Mus musculus with name B6.Cg-Tg(Axin2-rtTA2S*M2)7Cos/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: axin 2|transgene insertion 7; Frank Costantini|reverse tetracycline-controlled transactivator; mutant strain|congenic strain: Axin2|Tg(Axin2-rtTA2S*M2)7Cos|rtTA

Affected Gene: axin 2|transgene insertion 7; Frank Costantini|reverse tetracycline-controlled transactivator

Genomic Alteration: transgene insertion 7; Frank Costantini

Catalog Number: JAX:016997

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Tg(Axin2-rtTA2S*M2)7Cos/J

Record Creation Time: 20250513T053731+0000

Record Last Update: 20260725T044440+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(Axin2-rtTA2S*M2)7Cos/J.

No alerts have been found for B6.Cg-Tg(Axin2-rtTA2S*M2)7Cos/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 ASWG .

Sarkar A, et al. (2023) Intermittent fasting induces rapid hepatocyte proliferation to restore the hepatostat in the mouse liver. eLife, 12.

Jin Y, et al. (2022) Wnt signaling regulates hepatocyte cell division by a transcriptional repressor cascade. Proceedings of the National Academy of Sciences of the United States of America, 119(30), e2203849119.

Ali A, et al. (2020) Cell Lineage Tracing Identifies Hormone-Regulated and Wnt-Responsive Vaginal Epithelial Stem Cells. Cell reports, 30(5), 1463.

Syed SM, et al. (2020) Endometrial Axin2+ Cells Drive Epithelial Homeostasis, Regeneration, and Cancer following Oncogenic Transformation. Cell stem cell, 26(1), 64.

Wang B, et al. (2015) Self-renewing diploid Axin2(+) cells fuel homeostatic renewal of the liver. Nature, 524(7564), 180.

Lavado A, et al. (2014) The tumor suppressor Nf2 regulates corpus callosum development by inhibiting the transcriptional coactivator Yap. Development (Cambridge, England), 141(21), 4182.