

# Resource Summary Report

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## Transgenic Animal Model Core

RRID:SCR\_000776

Type: Tool

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### Proper Citation

Transgenic Animal Model Core (RRID:SCR\_000776)

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### Resource Information

**URL:** <http://www.med.umich.edu/tamc/>

**Proper Citation:** Transgenic Animal Model Core (RRID:SCR\_000776)

**Description:** A service for preparing genetically modified mice and rats for investigators at the University of Michigan. These mice models are typically used to study gene function, gene expression, gene regulation, and for the development of animal models of human disease and gene therapy reagents. TAMC provide access to their micromanipulation and embryonic stem cell workstations along with necessary reagents such as specialized plasmids, embryonic stem (ES) cell lines, FBS, and feeder cells certified for ES cell culture.

**Abbreviations:** TAMC

**Synonyms:** Transgenic Animal Model Core (TAMC)

**Resource Type:** biomaterial supply resource, material resource

**Keywords:** transgenic, mouse, modify, reagent, cell, toxigene, micromanipulation, embryo, stem, plasmid, culture, transgene, mouse, disease

**Funding:** NIH Intramural Research Program

**Availability:** THIS RESOURCE IS NO LONGER IN SERVICE

**Resource Name:** Transgenic Animal Model Core

**Resource ID:** SCR\_000776

**Alternate IDs:** nif-0000-30059

**Record Creation Time:** 20220129T080203+0000

**Record Last Update:** 20260808T190437+0000

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## Ratings and Alerts

No rating or validation information has been found for Transgenic Animal Model Core.

No alerts have been found for Transgenic Animal Model Core.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

Martin-Montalvo A, et al. (2016) Cytochrome b5 reductase and the control of lipid metabolism and healthspan. NPJ aging and mechanisms of disease, 2, 16006.

Wu Y, et al. (2014) Activation of Akt1 accelerates carcinogen-induced tumorigenesis in mammary gland of virgin and post-lactating transgenic mice. BMC cancer, 14, 266.

Lenk GM, et al. (2011) Pathogenic mechanism of the FIG4 mutation responsible for Charcot-Marie-Tooth disease CMT4J. PLoS genetics, 7(6), e1002104.

Drews VL, et al. (2007) Identification of evolutionarily conserved, functional noncoding elements in the promoter region of the sodium channel gene SCN8A. Mammalian genome : official journal of the International Mammalian Genome Society, 18(10), 723.