Resource Summary Report

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Texas A and M Institute for Genomic Medicine

RRID:SCR_001615
Type: Tool

Proper Citation

Texas A and M Institute for Genomic Medicine (RRID:SCR_001615)

Resource Information

URL: http://www.tigm.org/

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Description: Resource for any researcher looking to obtain knockout mice and embryonic stem (ES) cells quickly and with favorable intellectual property (IP) terms. Our resources include the world's largest gene trap library of ES cells in the C57BL/6N mouse strain and a constantly expanding repository of cryopreserved germplasm of knockout lines. TIGM provides both ES cell clones and mice as well as other transgenic core services including CRISPR/Cas9-based genome modifications within the Texas A&M system and to the public and private international research community.

Abbreviations: TIGM

Synonyms: Texas A&M Institute for Genomic Medicine

Resource Type: organism supplier, biomaterial supply resource, material resource, cell repository

Keywords: RIN, Resource Information Network, embryonic stem cell, knockout mouse, transgenic, phenotyping, phenotype, c57bl/6, 129/svevbrd, gene trap, clone, knockout mouse line, 129, database, gene, mutation, RRID Community Authority

Availability: Free, Freely available

Resource Name: Texas A and M Institute for Genomic Medicine

Resource ID: SCR_001615

Alternate IDs: nlx_153881

Record Creation Time: 20220129T080208+0000

Record Last Update: 20260731T042613+0000

Ratings and Alerts

No rating or validation information has been found for Texas A and M Institute for Genomic Medicine.

No alerts have been found for Texas A and M Institute for Genomic Medicine.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 19 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Zuidscherwoude M, et al. (2021) Loss of mDia1 and Fhod1 impacts platelet formation but not platelet function. Platelets, 32(8), 1051.

Wang X, et al. (2021) SND1 promotes Th1/17 immunity against chlamydial lung infection through enhancing dendritic cell function. PLoS pathogens, 17(2), e1009295.

Ros O, et al. (2018) A conserved role for Syntaxin-1 in pre- and post-commissural midline axonal guidance in fly, chick, and mouse. PLoS genetics, 14(6), e1007432.

Lange C, et al. (2016) Dimethylarginine dimethylaminohydrolase-2 deficiency promotes vascular regeneration and attenuates pathological angiogenesis. Experimental eye research, 147, 148.

Jiang Q, et al. (2015) MERIT40 cooperates with BRCA2 to resolve DNA interstrand cross-links. Genes & development, 29(18), 1955.

Hu G, et al. (2015) A conserved mechanism of TOR-dependent RCK-mediated mRNA degradation regulates autophagy. Nature cell biology, 17(7), 930.

López-Garcia C, et al. (2013) Antizyme inhibitor 2 hypomorphic mice. New patterns of expression in pancreas and adrenal glands suggest a role in secretory processes. PloS one, 8(7), e69188.

Smith CL, et al. (2012) The Mammalian Phenotype Ontology as a unifying standard for experimental and high-throughput phenotyping data. Mammalian genome : official journal of the International Mammalian Genome Society, 23(9-10), 653.

Bradley A, et al. (2012) The mammalian gene function resource: the International Knockout Mouse Consortium. Mammalian genome : official journal of the International Mammalian Genome Society, 23(9-10), 580.

McMurray F, et al. (2012) From mice to humans. Current diabetes reports, 12(6), 651.

Wash R, et al. (2012) Permissive and restricted virus infection of murine embryonic stem cells. The Journal of general virology, 93(Pt 10), 2118.

Tate PH, et al. (2011) Bi-allelic gene targeting in mouse embryonic stem cells. Methods (San Diego, Calif.), 53(4), 331.

Ravanelli AM, et al. (2011) The actin nucleator Cordon-bleu is required for development of motile cilia in zebrafish. Developmental biology, 350(1), 101.

Morgan H, et al. (2010) EuroPhenome: a repository for high-throughput mouse phenotyping data. Nucleic acids research, 38(Database issue), D577.

Wilkinson P, et al. (2010) EMMA--mouse mutant resources for the international scientific community. Nucleic acids research, 38(Database issue), D570.

Bressan FF, et al. (2009) Unearthing the roles of imprinted genes in the placenta. Placenta, 30(10), 823.

Beck T, et al. (2009) Practical application of ontologies to annotate and analyse large scale raw mouse phenotype data. BMC bioinformatics, 10 Suppl 5(Suppl 5), S2.

Adams DJ, et al. (2008) Contemporary approaches for modifying the mouse genome. Physiological genomics, 34(3), 225.

Collins FS, et al. (2007) A new partner for the international knockout mouse consortium. Cell, 129(2), 235.