Resource Summary Report

Generated by RRID on Aug 4, 2026

International Gene Trap Consortium

RRID:SCR_002305
Type: Tool

Proper Citation

International Gene Trap Consortium (RRID:SCR_002305)

Resource Information

URL: http://www.genetrap.org/

Proper Citation: International Gene Trap Consortium (RRID:SCR_002305)

Description: Consortium represents all publicly available gene trap cell lines, which are available on non-collaborative basis for nominal handling fees. Researchers can search and browse IGTC database for cell lines of interest using accession numbers or IDs, keywords, sequence data, tissue expression profiles and biological pathways, can find trapped genes of interest on IGTC website, and order cell lines for generation of mutant mice through blastocyst injection. Consortium members include: BayGenomics (USA), Centre for Modelling Human Disease (Toronto, Canada), Embryonic Stem Cell Database (University of Manitoba, Canada), Exchangeable Gene Trap Clones (Kumamoto University, Japan), German Gene Trap Consortium provider (Germany), Sanger Institute Gene Trap Resource (Cambridge, UK), Soriano Lab Gene Trap Resource (Mount Sinai School of Medicine, New York, USA), Texas Institute for Genomic Medicine - TIGM (USA), TIGEM-IRBM Gene Trap (Naples, Italy).

Abbreviations: IGTC

Synonyms: International Gene Trap Consortium

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

Defining Citation: PMID:16381950

Keywords: embryo, embryonic, gene, genome, allele, analysis, assay, bioinformatics, blastocyst, cell, colony, consortium, genotyping, hybridization, in situ, international, knockout, murine, mutant, mutation, probe, qpcr, researcher, scientist, sequence, stem cell, tagging, trap, vector, cell line, embryonic stem cell line, FASEB list

Funding: NCRR P41 RR01081

Availability: Restricted

Resource Name: International Gene Trap Consortium

Resource ID: SCR_002305

Alternate IDs: nif-0000-00036

Alternate URLs: https://igtc.org/

Record Creation Time: 20220129T080212+0000

Record Last Update: 20260804T043138+0000

Ratings and Alerts

No rating or validation information has been found for International Gene Trap Consortium.

No alerts have been found for International Gene Trap Consortium.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 43 mentions in open access literature.

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

Cornelio-Parra DV, et al. (2021) Function and regulation of the Spt-Ada-Gcn5-Acetyltransferase (SAGA) deubiquitinase module. Biochimica et biophysica acta. Gene regulatory mechanisms, 1864(2), 194630.

Van Veldhoven PP, et al. (2020) Slc25a17 Gene Trapped Mice: PMP34 Plays a Role in the Peroxisomal Degradation of Phytanic and Pristanic Acid. Frontiers in cell and developmental biology, 8, 144.

Vecchio E, et al. (2019) IBTK contributes to B-cell lymphomagenesis in E?-myc transgenic mice conferring resistance to apoptosis. Cell death & disease, 10(4), 320.

Madon-Simon M, et al. (2017) Defective glucocorticoid receptor signaling and keratinocyte-autonomous defects contribute to skin phenotype of mouse embryos lacking the Hsp90 co-chaperone p23. PloS one, 12(6), e0180035.

Kang MS, et al. (2017) Autism-like behavior caused by deletion of vaccinia-related kinase 3 is improved by TrkB stimulation. The Journal of experimental medicine, 214(10), 2947.

Fisher CL, et al. (2017) An efficient method for generation of bi-allelic null mutant mouse embryonic stem cells and its application for investigating epigenetic modifiers. Nucleic acids research, 45(21), e174.

Ivanova EL, et al. (2017) Homozygous Truncating Variants in TBC1D23 Cause Pontocerebellar Hypoplasia and Alter Cortical Development. American journal of human genetics, 101(3), 428.

Susaki EA, et al. (2017) Next-generation mammalian genetics toward organism-level systems biology. NPJ systems biology and applications, 3, 15.

Brunner R, et al. (2016) Asxl2-/- Mice Exhibit De Novo Cardiomyocyte Production during Adulthood. Journal of developmental biology, 4(4).

Quintero-Rivera F, et al. (2015) MATR3 disruption in human and mouse associated with bicuspid aortic valve, aortic coarctation and patent ductus arteriosus. Human molecular genetics, 24(8), 2375.

Dubail J, et al. (2015) Insights on ADAMTS proteases and ADAMTS-like proteins from mammalian genetics. Matrix biology : journal of the International Society for Matrix Biology, 44-46, 24.

Castro LM, et al. (2014) Peptidomic analysis of the neurolysin-knockout mouse brain. Journal of proteomics, 111, 238.

Kasioulis I, et al. (2014) Kdm3a lysine demethylase is an Hsp90 client required for cytoskeletal rearrangements during spermatogenesis. Molecular biology of the cell, 25(8), 1216.

Kozlenkov A, et al. (2014) Subunit-specific inhibition of acid sensing ion channels by stomatin-like protein 1. The Journal of physiology, 592(4), 557.

Zilber Y, et al. (2013) The PCP effector Fuzzy controls cilial assembly and signaling by recruiting Rab8 and Dishevelled to the primary cilium. Molecular biology of the cell, 24(5), 555.

Spindler MJ, et al. (2013) AKAP13 Rho-GEF and PKD-binding domain deficient mice develop normally but have an abnormal response to ?-adrenergic-induced cardiac hypertrophy. PloS one, 8(4), e62705.

Benz PM, et al. (2013) Mena/VASP and ?II-Spectrin complexes regulate cytoplasmic actin networks in cardiomyocytes and protect from conduction abnormalities and dilated cardiomyopathy. Cell communication and signaling : CCS, 11, 56.

Kim S, et al. (2012) Golgi disruption and early embryonic lethality in mice lacking USO1. PloS one, 7(11), e50530.

Mayasari NI, et al. (2012) Mixture of differentially tagged Tol2 transposons accelerates conditional disruption of a broad spectrum of genes in mouse embryonic stem cells. Nucleic acids research, 40(13), e97.

Dow LE, et al. (2012) Life in the fast lane: mammalian disease models in the genomics era. Cell, 148(6), 1099.