Resource Summary Report

Generated by NIF on Apr 26, 2025

OriGene

RRID:SCR_008985
Type: Tool

Proper Citation

OriGene (RRID:SCR_008985)

Resource Information

URL: http://www.origene.com/

Proper Citation: OriGene (RRID:SCR_008985)

Description: A research tool company focused on the creation of the largest commercial collection of full-length human cDNAs in a standard expression vector. The availability of the complete human genome sequence and the subsequent development of genome-based tools have enabled the identification of relevant drug targets through system biology approaches. OriGene"s vision is to prepare comprehensive, genome wide research tools and technology platforms to enable scientists to study complete biological pathways, thus enabling a better understanding of disease mechanisms including cancer and stem cell research. OriGene Technologies uses high-throughput, genome wide approach to develop products for pharmaceutical, biotechnology, and academic research. Their flagship product is the cDNA clone collection, a searchable gene bank of over 30,000 human full-length TrueClone cDNA collection and over 25,000 TrueORF cDNA clones. From their TrueORF cDNA clones, they have developed the largest offering of full length human proteins expressed in mammalian cells, ideal for functional studies. Their TrueMAB project develops mouse monoclonal antibodies against protein antigens with the goal to develop protein assays for every human protein. They also offer complete molecular biology services from codon optimization, gene synthesis, protein expression and assay development. In addition, they offer unique gene expression products such as TissueScan cancer tissue qPCR arrays and tissue biorepository for biomarker discovery and validation.

Abbreviations: OriGene

Synonyms: OriGene Technologies Inc., OriGene Technologies

Resource Type: commercial organization

Funding:

Resource Name: OriGene

Resource ID: SCR_008985

Alternate IDs: nlx_152424, SciEx_9281

Alternate URLs: https://www.scienceexchange.com/facilities/origene-technologies-inc

Record Creation Time: 20220129T080250+0000

Record Last Update: 20250420T014448+0000

Ratings and Alerts

No rating or validation information has been found for OriGene.

No alerts have been found for OriGene.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 740 mentions in open access literature.

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

Smith NJ, et al. (2025) Differentiation signals induce APOBEC3A expression via GRHL3 in squamous epithelia and squamous cell carcinoma. The EMBO journal, 44(1), 1.

Lin Z, et al. (2025) NOX4 exacerbates Parkinson's disease pathology by promoting neuronal ferroptosis and neuroinflammation. Neural regeneration research, 20(7), 2038.

Li Y, et al. (2025) PARP4 deficiency enhances sensitivity to ATM inhibitor by impairing DNA damage repair in melanoma. Cell death discovery, 11(1), 35.

Nshanian M, et al. (2025) Short-chain fatty acid metabolites propionate and butyrate are unique epigenetic regulatory elements linking diet, metabolism and gene expression. Nature metabolism, 7(1), 196.

Fujinaga D, et al. (2025) Functional characterization of eicosanoid signaling in Drosophila development. bioRxiv : the preprint server for biology.

Wang Y, et al. (2025) Enhancer regulatory networks globally connect non-coding breast cancer loci to cancer genes. Genome biology, 26(1), 10.

Koo H, et al. (2025) Anti-proteolytic regulation of KRAS by USP9X/NDRG3 in KRAS-driven cancer development. Nature communications, 16(1), 628.

Antunes FTT, et al. (2024) Contribution of T-type calcium channel isoforms to cold and mechanical sensitivity in naïve and oxaliplatin-treated mice of both sexes. British journal of pharmacology.

Wu W, et al. (2024) The dePARylase NUDT16 promotes radiation resistance of cancer cells by blocking SETD3 for degradation via reversing its ADP-ribosylation. The Journal of biological chemistry, 300(3), 105671.

Yang YE, et al. (2024) IL-33/NF-?B/ST2L/Rab37 positive-feedback loop promotes M2 macrophage to limit chemotherapeutic efficacy in lung cancer. Cell death & disease, 15(5), 356.

Tang J, et al. (2024) TMEM16F Expressed in Kupffer Cells Regulates Liver Inflammation and Metabolism to Protect Against Listeria Monocytogenes. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(39), e2402693.

Pei F, et al. (2024) FGF signaling modulates mechanotransduction/WNT signaling in progenitors during tooth root development. Bone research, 12(1), 37.

Saha LK, et al. (2024) PARP1-driven repair of topoisomerase III? DNA-protein crosslinks by FEN1. Cell reports, 43(8), 114522.

Dafinca R, et al. (2024) Dynactin-1 mediates rescue of impaired axonal transport due to reduced mitochondrial bioenergetics in amyotrophic lateral sclerosis motor neurons. Brain communications, 6(5), fcae350.

Zhao H, et al. (2024) Selective recognition of RNA G-quadruplex in vitro and in cells by L-aptamer-D-oligonucleotide conjugate. Nucleic acids research, 52(22), 13544.

Liu J, et al. (2024) NFE2L2 and SLC25A39 drive cuproptosis resistance through GSH metabolism. Scientific reports, 14(1), 29579.

Peng L, et al. (2024) Pasteurized Akkermansia muciniphila Ameliorates Preeclampsia in Mice by Enhancing Gut Barrier Integrity, Improving Endothelial Function, and Modulating Gut Metabolic Dysregulation. Microorganisms, 12(12).

Kim YJ, et al. (2024) Non-vesicular phosphatidylinositol transfer plays critical roles in defining organelle lipid composition. The EMBO journal, 43(10), 2035.

Jiang Y, et al. (2024) A novel host restriction factor MRPS6 mediates the inhibition of PDCoV infection in HIEC-6 cells. Frontiers in immunology, 15, 1381026.

Giri T, et al. (2024) Oxytocin-induced birth causes sex-specific behavioral and brain

connectivity changes in developing rat offspring. iScience, 27(2), 108960.