Resource Summary Report

Generated by <u>NIF</u> on May 16, 2025

oligo

RRID:SCR_015729 Type: Tool

Proper Citation

oligo (RRID:SCR_015729)

Resource Information

URL: https://bioconductor.org/packages/release/bioc/html/oligo.html

Proper Citation: oligo (RRID:SCR_015729)

Description: Software package to analyze oligonucleotide arrays (expression/SNP/tiling/exon) at probe-level. It currently supports Affymetrix (CEL files) and NimbleGen arrays (XYS files).

Synonyms: oligo package

Resource Type: software resource, data analysis software, software application, source code, data processing software

Defining Citation: PMID:20688976

Keywords: oligonucleotide, microarray gene expression, r, oligonucleotide array, snp, gene expression, probe-level, affymetrix array, cel file, and nimblegen array, xys file, bio.tools

Funding: CAPES (Coordenação de Aprimoramento Pessoal de Nível Superior) ; NCRR R01RR021967; NHGRI P41HG004059

Availability: Free, Available for download, Runs on Mac OS, Runs on Windows

Resource Name: oligo

Resource ID: SCR_015729

Alternate IDs: biotools:oligo

Alternate URLs: https://bio.tools/oligo

License: LGPL

Record Creation Time: 20220129T080327+0000

Record Last Update: 20250516T054110+0000

Ratings and Alerts

No rating or validation information has been found for oligo.

No alerts have been found for oligo.

Data and Source Information

Source: <u>SciCrunch Registry</u>

Usage and Citation Metrics

We found 1618 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

Chen HJ, et al. (2025) A phase II trial of anIotinib plus EGFR-TKIs in advanced non-small cell lung cancer with gradual, oligo, or potential progression after EGFR-TKIs treatment (CTONG-1803/ALTER-L001). Journal of hematology & oncology, 18(1), 3.

Soma N, et al. (2025) Transgenerational Plasticity of Maternal Hemolymph Trehalose in Aphids. Archives of insect biochemistry and physiology, 118(1), e70030.

Abdallah S, et al. (2025) Modulation of biological activities in adipose derived stem cells by histone deacetylation. Scientific reports, 15(1), 3629.

Dzubanova M, et al. (2025) Protocol for isolation of human bone marrow stromal cells and characterization of cellular metabolism. STAR protocols, 6(1), 103553.

Wang M, et al. (2025) Impaired Iron-Sulfur Cluster Synthesis Induces Mitochondrial PARthanatos in Diabetic Cardiomyopathy. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(1), e2406695.

Wang S, et al. (2025) Joint Analysis of Multiple Omics to Describe the Biological Characteristics of Resistant Hypertension. Journal of clinical hypertension (Greenwich, Conn.), 27(1), e14961.

Chen YT, et al. (2025) Rapid and equipment-free identification of papaya mealybug

Paracoccus marginatus based on RPA-CRISPR/Cas12a. Pest management science, 81(1), 230.

Liu F, et al. (2025) Genome-wide development of simple sequence repeat (SSR) markers at 2-Mb intervals in lotus (Nelumbo Adans.). BMC genomics, 26(1), 4.

Vujaklija I, et al. (2025) Detecting a wide range of epitranscriptomic modifications using a nanopore-sequencing-based computational approach with 1D score-clustering. Nucleic acids research, 53(1).

Wang Y, et al. (2025) The Dynamic Changes of COL11A1 Expression During the Carcinogenesis and Development of Breast Cancer and as a Candidate Diagnostic and Prognostic Marker. The breast journal, 2025, 7861864.

Zeng S, et al. (2025) Inhibition of triglyceride metabolism-associated enhancers alters lipid deposition during adipocyte differentiation. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(2), e70347.

Engel K, et al. (2025) Segment specific loss of NFAT5 function in the kidneys is sufficient to induce a global kidney injury like phenotype. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(2), e70352.

Shimosato Y, et al. (2025) NPM1-fusion proteins promote myeloid leukemogenesis through XPO1-dependent HOX activation. Leukemia, 39(1), 75.

Pan D, et al. (2025) Blue Light Damages Retinal Ganglion Cells Via Endoplasmic Reticulum Stress and Autophagy in Chickens. Investigative ophthalmology & visual science, 66(1), 3.

McNamara KM, et al. (2025) Spermine oxidase promotes Helicobacter pylori-mediated gastric carcinogenesis through acrolein production. Oncogene, 44(5), 296.

Le X, et al. (2025) Diversity and Potential Cross-Species Transmission of Rotavirus A in Wild Animals in Yunnan, China. Microorganisms, 13(1).

Poudel K, et al. (2025) Fabrication and functional validation of a hybrid biomimetic nanovaccine (HBNV) against Kit K641E -mutant melanoma. Bioactive materials, 46, 347.

Schmidt D, et al. (2024) Oncogenic Calreticulin Induces Immune Escape by Stimulating TGF? Expression and Regulatory T-cell Expansion in the Bone Marrow Microenvironment. Cancer research, 84(18), 2985.

Ma X, et al. (2024) Double-Tube Multiplex TaqMan Real-Time PCR for the Detection of Eight Animal-Derived Dairy Ingredients. Journal of agricultural and food chemistry, 72(20), 11640.

Vaknin I, et al. (2024) A universal system for boosting gene expression in eukaryotic celllines. Nature communications, 15(1), 2394.