

Resource Summary Report

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GeneAnnot

RRID:SCR_007673

Type: Tool

Proper Citation

GeneAnnot (RRID:SCR_007673)

Resource Information

URL: <http://genecards.weizmann.ac.il/geneannot/>

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Description: GeneAnnot provides a revised and improved annotation of Affymetrix probe-sets from HG-U95, HG-U133 and HG-U133 Plus2.0. Probe-sets are related to GeneCards genes, by direct sequence comparison of probes to GenBank, RefSeq and Ensembl mRNA sequences, while assigning sensitivity and specificity scores to each probe-set to gene match. Where such matches are not found, probe-sets are annotated by their relation to GenBank mRNA sequences and UniGene clusters. The results are integrated with the GeneCards, GeneLoc and GeneNote databases. HG-U95, HG-U133, HG-U133

Synonyms: GeneAnnot

Resource Type: data or information resource, database

Keywords: affymetrix, hg-u133, hg-u95, probe set

Resource Name: GeneAnnot

Resource ID: SCR_007673

Alternate IDs: nif-0000-02878

Record Creation Time: 20220129T080243+0000

Record Last Update: 20260811T043317+0000

Ratings and Alerts

No rating or validation information has been found for GeneAnnot.

No alerts have been found for GeneAnnot.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Sharpe BP, et al. (2022) Phosphodiesterase type 5 inhibitors enhance chemotherapy in preclinical models of esophageal adenocarcinoma by targeting cancer-associated fibroblasts. *Cell reports. Medicine*, 3(6), 100541.

Le-Niculescu H, et al. (2021) Precision medicine for mood disorders: objective assessment, risk prediction, pharmacogenomics, and repurposed drugs. *Molecular psychiatry*, 26(7), 2776.

Colvin EK, et al. (2020) Expression of long noncoding RNAs in cancer-associated fibroblasts linked to patient survival in ovarian cancer. *Cancer science*, 111(5), 1805.

Le-Niculescu H, et al. (2020) Towards precision medicine for stress disorders: diagnostic biomarkers and targeted drugs. *Molecular psychiatry*, 25(5), 918.

Niculescu AB, et al. (2020) Blood biomarkers for memory: toward early detection of risk for Alzheimer disease, pharmacogenomics, and repurposed drugs. *Molecular psychiatry*, 25(8), 1651.

Marchica V, et al. (2019) Bone Marrow CX3CL1/Fractalkine is a New Player of the Pro-Angiogenic Microenvironment in Multiple Myeloma Patients. *Cancers*, 11(3).

Niculescu AB, et al. (2019) Towards precision medicine for pain: diagnostic biomarkers and repurposed drugs. *Molecular psychiatry*, 24(4), 501.

Kur?un D, et al. (2019) Systematic analysis of the frequently amplified 2p15-p16.1 locus reveals PAPOLG as a potential proto-oncogene in follicular and transformed follicular lymphoma. *Turkish journal of biology = Turk biyoloji dergisi*, 43, 124.

Meshcheryakova A, et al. (2019) Interrelations of Sphingolipid and Lysophosphatidate Signaling with Immune System in Ovarian Cancer. *Computational and structural biotechnology journal*, 17, 537.

Asati N, et al. (2019) Gene Expression Studies to Identify Significant Genes in AR, MTOR, MAPK Pathways and their Overlapping Regulatory Role in Prostate Cancer. *Journal of integrative bioinformatics*, 16(3).

Sundstrøm T, et al. (2019) Inhibition of mitochondrial respiration prevents BRAF-mutant melanoma brain metastasis. *Acta neuropathologica communications*, 7(1), 55.

Raimondo S, et al. (2019) Multiple myeloma-derived exosomes are enriched of amphiregulin (AREG) and activate the epidermal growth factor pathway in the bone

microenvironment leading to osteoclastogenesis. *Journal of hematology & oncology*, 12(1), 2.

Özcelik D, et al. (2018) Gene Expression Profiling of Endoplasmic Reticulum Stress in Hepatitis C Virus-Containing Cells Treated with an Inhibitor of Protein Disulfide Isomerases. *ACS omega*, 3(12), 17227.

Pawlyn C, et al. (2017) Overexpression of EZH2 in multiple myeloma is associated with poor prognosis and dysregulation of cell cycle control. *Blood cancer journal*, 7(3), e549.

Chandler P, et al. (2016) Subtype-specific accumulation of intracellular zinc pools is associated with the malignant phenotype in breast cancer. *Molecular cancer*, 15, 2.

Romano O, et al. (2016) Transcriptional, epigenetic and retroviral signatures identify regulatory regions involved in hematopoietic lineage commitment. *Scientific reports*, 6, 24724.

Su CH, et al. (2016) Regulation of IL-20 Expression by Estradiol through KMT2B-Mediated Epigenetic Modification. *PloS one*, 11(11), e0166090.

Hartmann L, et al. (2016) ZBTB7A mutations in acute myeloid leukaemia with t(8;21) translocation. *Nature communications*, 7, 11733.

Poletti V, et al. (2015) Genome-Wide Definition of Promoter and Enhancer Usage during Neural Induction of Human Embryonic Stem Cells. *PloS one*, 10(5), e0126590.

McDade KK, et al. (2015) Improving Cancer Gene Expression Data Quality through a TCGA Data-Driven Evaluation of Identifier Filtering. *Cancer informatics*, 14, 149.