

Glucore Omics Explorer Data types references

INTRODUCTION

This document includes a number of references to different publications where Glucore Omics Explorer has been used. The document is organized according to which type of data (or type of analysis) that has been used.

Type of data	Journal	Title	Link
Antibodies	Proteomics Clinical Applications	Serum proteome profiling of pancreatitis using recombinant antibody microarrays reveals disease-associated biomarker signatures	http://onlinelibrary.wiley.com/doi/10.1002/prca.201200051/abstract
Aroma compound concentrations	Genetics	Transcriptional regulation and the diversification of metabolism in wine yeast strains	http://www.genetics.org/content/early/2011/10/27/genetics.111.132720.abstract
Clinical data	Clinical Biochemistry	Molecular microheterogeneity of prostate specific antigen in seminal fluid by mass spectrometry	http://www.sciencedirect.com/science/article/pii/S0009912011027457
Cytokine	PLOS ONE	Effect of Standard Tuberculosis Treatment on Plasma Cytokine Levels in Patients with Active Pulmonary Tuberculosis	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0036886
Cytokine	PLOS ONE	Medroxyprogesterone Acetate Alters Mycobacterium Bovis BCG-Induced Cytokine Production in Peripheral Blood Mononuclear Cells of Contraceptive Users	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0024639



Cytokine expression	Journal of Infectious Diseases	Symptomatic vaginal discharge is a poor predictor of sexually transmitted infections and genital tract inflammation in high-risk women in South Africa	http://www.ncbi.nlm.nih.gov/pubmed/22517910
DNA-Methylation	PLOS ONE	DNA-Methylation Profiling of Fetal Tissues Reveals Marked Epigenetic Differences between Chorionic and Amniotic Samples	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0039014
DNA-Methylation	Breast Cancer Research	DNA methylation epigenotypes in breast cancer molecular subtypes	http://breast-cancer-research.com/content/12/5/R77
DNA-Methylation	International Journal of Cancer	Distinct DNA methylation patterns in cirrhotic liver and hepatocellular carcinoma	http://onlinelibrary.wiley.com/doi/10.1002/ijc.26136/abstract
DNA-Methylation	Cancer Discovery	Succinate dehydrogenase mutation underlies global epigenomic divergence in gastrointestinal stromal tumor	http://cancerdiscovery.aacrjournals.org/content/early/2013/04/02/2159-8290.CD-13-0092.abstract
Gene expression (array)	Stem Cells and Development	Transforming pluripotency: an exon-level study of malignancy-specific transcripts in human embryonal carcinoma and embryonic stem cells	http://online.liebertpub.com/doi/abs/10.1089/scd.2012.0369
Gene expression (array)	Pediatric Blood & Cancer	SIX1 protein expression selectively identifies blastemal elements in Wilms tumor	http://onlinelibrary.wiley.com/doi/10.1002/pbc.24025/full
Gene expression (array)	Cancer Cell	IL-6 controls leukemic multipotent progenitor cell fate and contributes to chronic myelogenous leukemia development	http://www.sciencedirect.com/science/article/pii/S1535610811003965

Gene expression (RNA-seq)	Journal of Clinical Endocrinology & Metabolism	Evidence of a functional estrogen receptor in parathyroid adenomas	http://www.ncbi.nlm.nih.gov/pubmed/23024189
Immunoassays	PNAS	Vitamin D accelerates resolution of inflammatory responses during tuberculosis treatment	http://www.pnas.org/content/early/2012/08/27/1200072109.full.pdf+html
Metabolites	Biochemical Journal	Functional characterization of long-chain prenyl diphosphate synthases from tomato	http://www.biochemj.org/bj/449/bj4490729.htm
MicroRNA	American Journal of Pathology	Human Liver Regeneration Is Characterized by the Coordinated Expression of Distinct MicroRNA Governing Cell Cycle Fate	http://onlinelibrary.wiley.com/doi/10.1111/ajtp.v13.5/issuetoc
MicroRNA	Genes & Immunity	Transcriptome characterization of immune suppression from battlefield-like stress	http://www.nature.com/gene/journal/v14/n1/full/gene201249a.html
MicroRNA	Connective Tissue Research	Characterization of miRNA expression in human degenerative lumbar discs	http://www.ncbi.nlm.nih.gov/pubmed/23461680
mRNA	PLOS ONE	Better Prognosis of Patients with Glioma Expressing FGF2-Dependent PDGFRA Irrespective of Morphological Diagnosis	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0061556
mRNA	The Pharmacogenomics Journal	Pharmacogenomics of insulin-like growth factor-I generation during GH treatment in children with GH deficiency or Turner syndrome	http://www.nature.com/tpj/journal/vaop/ncurrent/full/tpj201314a.html



mRNA	PLOS ONE	Transcriptional Profiling of Human Dendritic Cell Populations and Models - Unique Profiles of In Vitro Dendritic Cells and Implications on Functionality and Applicability	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0052875
mRNA	Aquatic Toxicology	Global transcriptome analysis of Atlantic cod (<i>Gadus morhua</i>) liver after in vivo methylmercury exposure suggests effects on energy metabolism pathways	http://www.sciencedirect.com/science/article/pii/S0166445X12002743
Protein expression	Molecular & Cellular Proteomics	Serum protein profiling of systemic lupus erythematosus and systemic sclerosis using recombinant antibody microarrays	http://www.mcponline.org/content/early/2011/02/24/mcp.M110.005033.abstract
RNA-Seq	PLOS ONE	RNA-Seq Analysis Reveals Different Dynamics of Differentiation of Human Dermis- and Adipose-Derived Stromal Stem Cells	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0038833

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