

National Cancer Institute
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
National Institutes of Health

NCI Cancer Genomics Cloud Pilots (and Genomic Data Commons)

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Center For Cancer Genomics (CCG) Genomics Data Commons (GDC)

- Goal to unify fragmentary repositories at NCI
- TCGA, TARGET and CGCI have their own data repositories (DCCs)
- Sequencing data: BAM files at CGHub while VCF/MAF files at DCC

The Cancer Genome Atlas Data Portal

Home Download Data Tools About

Home

TCGA Data Portal Overview

TARGET DATA MATRIX

Version 4.0 (August 2013) Version History
If you have trouble viewing this site properly in Internet Explorer, please turn off Compatibility View.

Disease	Patient Data	Gene Expression	Copy Number
Acute Lymphoblastic Leukemia (ALL)			
Acute Lymphoblastic Leukemia (ALL) Phase I	Clinical File Case Matrix	Affymetrix U133 Plus 2 DCC Open*	Affymetrix SNP 500K DCC Open* DCC Controlled†

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CCHUB HOME ABOUT CCHUB NEWS HELP ACCESS SOFTWARE BROW

Cancer Genomics Hub

CGCI
CANCER GENOME CHARACTERIZATION INITIATIVE

ACCESS DATA MATRIX

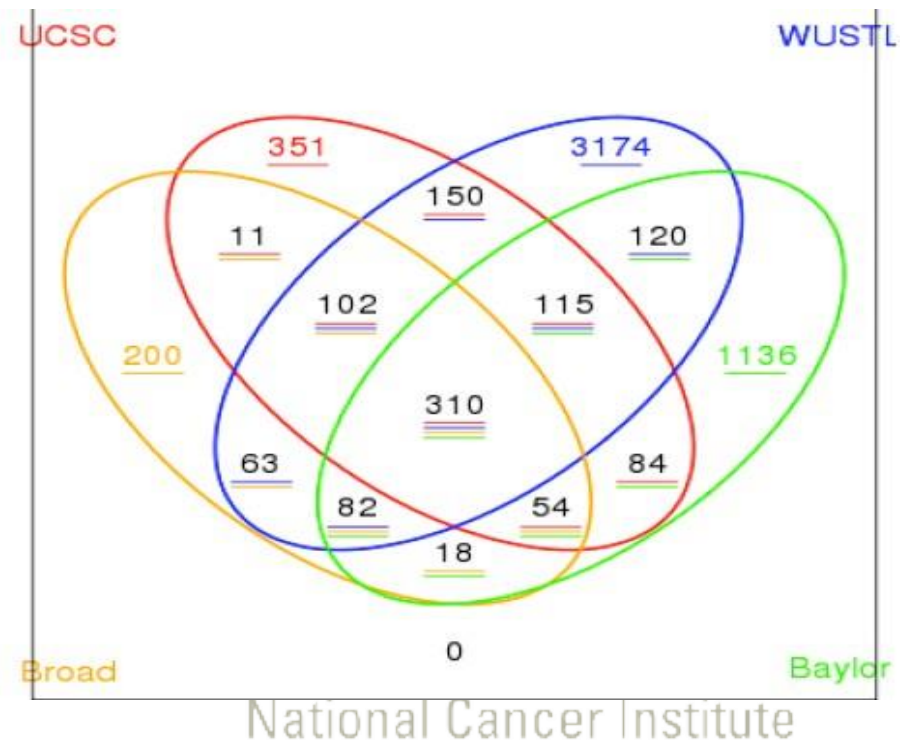
CGCI: Cancer Genome Characterization Initiative

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Genomics Data Commons (GDC)

- Harmonize diverse standards
- BAMs aligned to various references
- Mutations are called by various tools

NCBI-human-build36
NCBI36_BCCAGSC_variant
NCBI36_BCM_variant
NCBI36_WUGSC_variant
HG18
HG18_Broad_variant
GRCh37
GRCh37-lite
GRCh37_BI_Variant
GRCh37-lite-+-HPV_Redux-build
HG19
HG19_Broad_variant



Genomics Data Commons (GDC)

- University of Chicago, PI: Dr. Robert Grossman
- Go live date: Late Spring 2016
- Not a commercial cloud: Free to download data



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