

TARGET DATA MATRIX

Version 4.0 (August 2013) Version History

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Disease	Patient Data	Gene Expression	Copy Number	Other					
Acute Lymphoblastic Leukemia (ALL)									
Acute Lymphoblastic Leukemia (ALL)	Clinical File	Affymetrix U133 Plus 2	Affymetrix SNP 500K	Whole Genome	Whole Genome Lite	mRNA-seq	Targeted Re-sequencing	Kinome	
	Case	DCC Open*	DCC Open*	View cases	View cases	DCC Open*	Sequence Trace Linking	Kinome Linking Table†	
			DCC Controlled†	DCC Controlled†	DCC Controlled†	DCC Controlled†			

Open Access Data

What is open access data?

Verified and interpreted data that pose little or no risk of patient identification

How can it be used?

To make correlations between data, for example, expression of genomic variants in molecular subtypes and clinical outcomes

Visit the [DATA MATRIX](#) and click on blue links for open access data

Controlled Access Data

What is controlled access data?

Tumor/patient info and unverified or raw molecular data that pose significant probability of patient identification

Examples:

- Specific phenotype or genotype data for each case
- Raw Sequencing Files

How can it be used?

To perform sophisticated bioinformatics analyses

Apply for access to controlled TARGET** data through dbGaP: Summary of [dbGaP tutorial](#) for accessing data

1. [Login to dbGaP](#) using eRA Commons credentials
 - If you do not have an eRA Commons account, register for one on the dbGaP authorization page
2. Create a new research project page to fill out data access request
 - Input project info and datasets you wish to access
 - Add all other required information
3. Review the project-specific Data Use Limitations
4. Attach all required documents (e.g. IRB form)
5. Review and submit request
6. Signing official accredits request

**Apply separately for access to CGCI data. The process is the same, but the Data Use Limitations are slightly different

Users can track approval status on dbGaP project page. dbGaP will also send email notifications.

Upon Approval

FILES STORED AT THESE LOCATIONS. CLICK TO LOG IN AND DOWNLOAD:

[National Center for Biotechnology Information](#)

- [SRA](#) – Next gen files (e.g. BAM, FASTQ for mRNA-seq)
- [Trace Archive](#) – Sanger files

[UCSC Cancer Genomics Hub](#) – addition of files (e.g. BAM) in progress

Access raw sequencing files

dbGaP sends email notification of approval to new user

Maintain your account

ANNUAL REPORTING IN dbGaP: RENEWALS AND CLOSE OUTS

See box and links to videos on last page

Access controlled data stored at NCI DCC

NCI database security managers send a separate email to new user with login information and links for downloading data at the NCI Data Coordinating Center (DCC)

Intramural or extramural investigator?

NIH intramural investigators

Use your **HHS account credentials** to access controlled tier data maintained at NCI DCC.

NIH extramural investigators

Use your **NCI-issued account credentials**, which are provided in the email from NCI database security managers, to access controlled data maintained at NCI DCC.

Download controlled access data via links in email or the the DATA MATRIX

[Visit the TARGET Data Matrix](#)

Examples of controlled access data available:

- Specific phenotype or genotype data for each case
- VCF or MAF files from whole genome sequencing
- VCF or MAF files from mRNA-seq
- Raw or low level chip-based data that may identify an individual
- Information linking all sequence traces to an individual

Disease	Patient Data	Gene Expression	Copy Number	Methylation	mRNA	Sequence	Other
Acute Lymphoblastic Leukemia (ALL)	Clinical File	Affymetrix U133 Plus 2	Affymetrix SNP 500K			Whole Genome Whole Genome Lib	mRNA-seq Targeted Re-sequencing Kinome
Multicentric Leukemia (MALL)	Case Matrix	DCC Open*	DCC Open*	DCC Controlled†		View cases DCC Controlled† NCBI SRA†	View cases DCC Open* NCBI SRA†
							Sequence Trace Linking Table† 128 Genes* 113 genes*

Maintaining User Accounts and Annual dbGaP Reporting information on the following page

Continued Data Access: Maintaining User Accounts and Annual dbGaP Reporting

	NCI Account (DCC data)	eRA Commons (Grants/NCBI/CGHub)
Register password or login	http://password.nci.nih.gov	https://dbgap.ncbi.nlm.nih.gov/aa/wga.cgi?page=login
If account inactive	Login above	Login above
Account expires in	60 days	90 days
Troubleshooting	ncicbiit@mail.nih.gov 240-276-5541	http://era.nih.gov/commons/faq_commons.cfm
Annual reporting: Renew a project	N/A	http://www.youtube.com/watch?v=PG9D5mUouXg
Annual reporting: Close out a project	N/A	http://www.youtube.com/watch?v=i85gl937ZPA