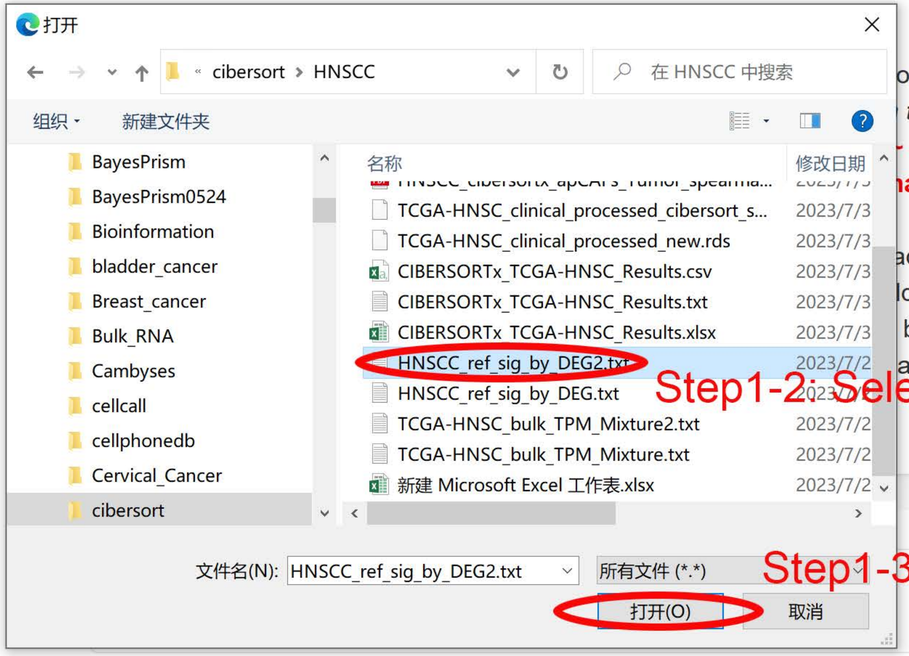
Upload and Manage files to be analyzed with CIBERSORTx



ot contain any double quotation marks. File extension should end in **txt** or **tsv**, otherwise the file will be rejected.

to text tab-delimited format.

~ ` ! @ # $ % ^ & * ( ) { | } / \ : ; " ' < > ? , = +) are currently not supported. Dashes and underscores (- _) are names.

aded file. If no title is entered, the file name will be used.

ld the file will appear in the CIBERSORTx form. If no field is specified, the file will **not** appear in the form.

be individually deleted

able quota, the file will not be saved to the server. (1 MB = 1000000 bytes)

Step1-2: Select signature matrix.

Quota: 618.0 of 1000 MB used, 382.0 MB remaining

Step1-3: Confirm signature matrix.

Add files... Start upload Cancel upload Delete Select all

Step1-1: Add signature matrix.

Title File Type	File name	Size	Upload Date	Actions
BRCA_p2_Mixture Mixture	TCGA-BRCA_bulk_TPM_p2_Mixture2.txt	70.49 MB	07/04/23 08:12:02 AM	Delete

Instructions:

- Be sure all input files to be uploaded are text tab-delimited and do not contain any double quotation marks. File extension should end in **txt** or **tsv**, otherwise the file will be rejected. *Please note that CSV files are NOT supported; please convert them to text tab-delimited format.*
- **File names with white spaces and any special characters (e.g. ~ ` ! @ # $ % ^ & * ( ) { | } / \ : ; " ' < > ? , = +) are currently not supported. Dashes and underscores (- _) are supported. Please ensure there are no white spaces in the file names.**
- Click 'Add files' or drag and drop files into the browser window.
- Enter a Title for each file, which will be used as an alias for the uploaded file. If no title is entered, the file name will be used.
- Also specify a file type for each file. This will determine which file field the file will appear in the CIBERSORTx form. If no field is specified, the file will **not** appear in the form.
- Uploaded files appear below in reverse chronological order and can be individually deleted
- Note: there is a file quota of 1000 MB. If your file exceeds your available quota, the file will not be saved to the server. (1 MB = 1000000 bytes)
- Please refresh the page after uploads to update quota status.

Quota: 618.0 of 1000 MB used, 382.0 MB remaining

File Type Reference (more...)

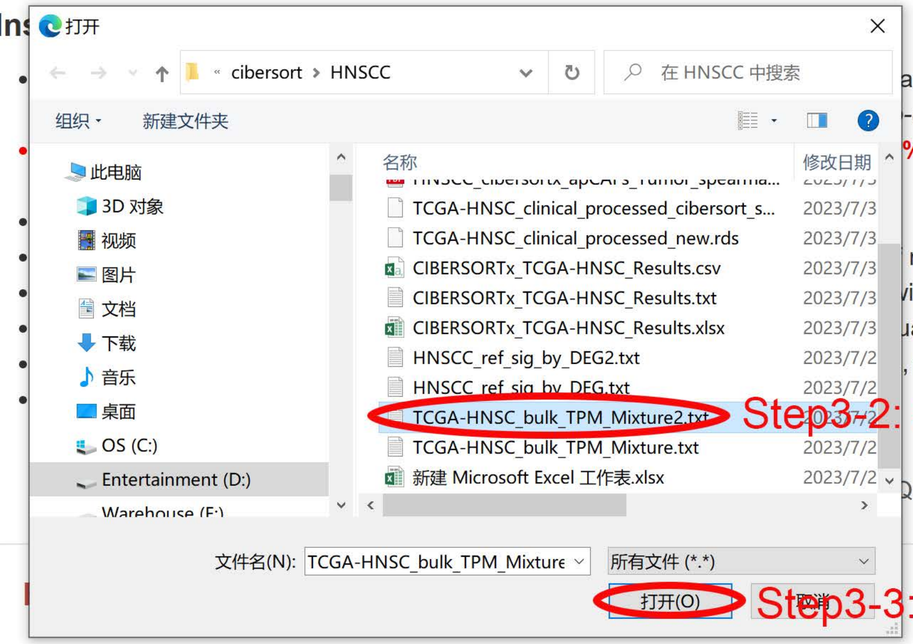
Add files... | Start upload | Cancel upload | Delete | Select all

Title File Type	File name	Size	Upload Date	Actions
Title: HNSCC_Signature File Type: Signature Matrix	HNSCC_ref_sig_by_DEG2.txt	160.90 KB	Start Cancel	

Step2-1: Annotate the signature matrix.

Step2-2: Upload the signature matrix.

Upload and Manage files to be analyzed with CIBERSORTx



Step3-2: Select Mixture.

Step3-3: Confirm Mixture.

any double quotation marks. File extension should end in **txt** or **tsv**, otherwise the file will be rejected.

-delimited format.

% ^ & * ( ) { | } / \ : ; " ' < > ? , = +) are currently not supported. Dashes and underscores (- _) are

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Quota: 618.0 of 1000 MB used, 382.0 MB remaining

Add files... Start upload Cancel upload Delete Select all

Step3-1: Add Mixture.

Title File Type	File name	Size	Upload Date	Actions
HNSCC_Signature Signature Genes	HNSCC_ref_sig_by_DEG2_1.txt	160.90 KB	07/18/23 12:56:56 PM	Delete

Instructions:

- Be sure all input files to be uploaded are text tab-delimited and do not contain any double quotation marks. File extension should end in **txt** or **tsv**, otherwise the file will be rejected. *Please note that CSV files are NOT supported; please convert them to text tab-delimited format.*
- **File names with white spaces and any special characters (e.g. ~ ` ! @ # $ % ^ & * ( ) { | } / \ : ; " ' < > ? , = +) are currently not supported. Dashes and underscores (- _) are supported. Please ensure there are no white spaces in the file names.**
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- Please refresh the page after uploads to update quota status.

Quota: 618.0 of 1000 MB used, 382.0 MB remaining

File Type Reference (more...)

Add files... | Start upload | Cancel upload | Delete | Select all

Title File Type	File name	Size	Upload Date	Actions
Title: HNSCC_Mixture File Type: Mixture	TCGA-HNSC_bulk_TPM_Mixture2.txt	63.12 MB	Start Cancel	
HNSCC_Signature	HNSCC_ref_sig_by_DEG2_1.txt	160.90 KB	07/18/23 12:56:56 PM	Delete

Step4-1: Annotate the Mixture.

Step4-2: Upload the Mixture.

CIBERSORTx: Digital Cytometry

CIBERSORTX

Select Analysis Module: Step5-1: Select impute cell fractions module.

1. Create Signature Matrix | 2. Impute Cell Fractions | 3. Impute Cell Expression

Currently selected module: **2. Impute Cell Fractions**

Select Analysis Mode:

Example | Custom Step5-2: Select custom mode.

Configure Custom Input:

Signature matrix file* HNSCC_Signature Step5-3: Select the uploaded signature matrix.

More Information...

Mixture file* HNSCC_Mixture Step5-4: Select the uploaded Mixture.

More Information...

☐ Enable batch correction

☑ Disable quantile normalization (disabling is recommended for RNA-Seq data)

Step5-5: Select this option for RNA-seq data.

☐ Run in absolute mode

More Information...

Permutations for significance analysis: none Step5-6: Default parameters.

More Information...

Run Step5-7: Run CIBERSORTx.

CIBERSORTx: Digital Cytometry

CIBERSORTX

Run Again

CIBERSORTx Runtime Console

Step6: Download the results.

Download: TXT CSV HTML XLSX PDF

Adjust color scale: low medium high default | 0 0.05 0.3

Color Scheme: RBG RWB YBB

Table Output Help

Mixture	apCAFs	B cells	C1QC+ Macrophages	CD8+ T cells	cDC1	cDC2	eCAFs	Endothelial cells	iCAF
TCGA-KU-A6H7-06A-21R-A31N-07	0.02	0.00	0.00	0.05	0.00	0.02	0.00	0.00	0.00
TCGA-UF-A71A-06A-11R-A39I-07	0.38	0.00	0.00	0.00	0.00	0.00	0.07	0.03	0.00
TCGA-4P-AA8J-01A-11R-A39I-07	0.37	0.00	0.02	0.00	0.00	0.01	0.06	0.00	0.00
TCGA-BA-4074-01A-01R-1436-07	0.00	0.00	0.04	0.01	0.00	0.05	0.32	0.02	0.00
TCGA-BA-4075-01A-01R-1436-07	0.00	0.00	0.03	0.00	0.00	0.02	0.13	0.06	0.00
TCGA-BA-4076-01A-01R-1436-07	0.05	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00
TCGA-BA-4077-01B-01R-1436-07	0.05	0.00	0.06	0.02	0.00	0.07	0.01	0.01	0.00
TCGA-BA-4078-01A-01R-1436-07	0.57	0.00	0.09	0.00	0.00	0.00	0.16	0.01	0.00
TCGA-BA-5149-01A-01R-1514-07	0.19	0.00	0.01	0.00	0.00	0.01	0.02	0.04	0.00
TCGA-BA-5151-01A-01R-1436-07	0.05	0.00	0.03	0.00	0.00	0.02	0.00	0.00	0.00
TCGA-BA-5152-01A-02R-1873-07	0.02	0.00	0.12	0.01	0.00	0.00	0.04	0.01	0.00
TCGA-BA-5153-01A-01R-1436-07	0.08	0.06	0.06	0.09	0.00	0.00	0.01	0.06	0.00
TCGA-BA-5555-01A-01R-1514-07	0.03	0.00	0.08	0.00	0.00	0.00	0.01	0.01	0.00
TCGA-BA-5556-01A-01R-1514-07	0.06	0.01	0.14	0.04	0.00	0.00	0.00	0.01	0.00
TCGA-BA-5557-01A-01R-1514-07	0.29	0.01	0.00	0.00	0.00	0.06	0.00	0.00	0.00