



Focus on your Science

Access data, run analysis tools, and collaborate in **Terra**: a scalable platform for biomedical research.



Data

Upload your data to the cloud
Access data we host (available soon!)



Tools

Align & QC sequence data per sample
Call short variants per sample
Joint-call across population
Filter & QC variants



Analysis

Interrogate data in real time
Interactive Jupyter notebooks
GWAS with Hail



Results

Export results and figures for publication

Features

Access research data immediately

We provide access to datasets sponsored by partner organizations and hosted through convenient data exploration interfaces. You can select and export data of interest to a Terra workspace for further analysis. Terra also supports direct access to any data you or your collaborators have stored in Google Cloud Storage and BigQuery.

Collaborate on work-in-progress: Securely and seamlessly

Terra makes it easy to collaborate on projects, with built-in capabilities to share your work selectively and protect you from unwanted re-distribution. Terra is authorized to operate by the federal government and is certified a FISMA-moderate system.

Prepare and process your data: No coding expertise required

Terra includes a well-stocked repository of hundreds of best practice, ready-for-use bioinformatics workflows, and an easy interface with linked third-party applications (e.g. Dockstore, FireCloud, Jupyter Notebooks).

Get results in real time

In-app integration of JupyterLab and Jupyter Notebooks enables interactive analysis of processed data. With support for Hail, Python and R programming languages, and GWAS analysis template (in Hail) available on Terra.



Terra is a product of the Broad Institute of MIT & Harvard Data Sciences Platform and Verily Life Sciences.

Terra is part of The Data Biosphere: a growing community bringing data and life science together. Our hope is to build momentum for an open, compatible, and secure approach to data within the larger research community.



For more information or to become a Terra user, visit terra.bio or email info@terra.bio