catAPULT
Medicines Discovery

Data Access
Quick Guide to

repositive

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Repositive is a social enterprise started in Cambridge in 2014. Their aim is to develop an online community platform and global exchange for genomic data.

Repositive has two platforms:
1. Cancer Models Platform – which connects oncology researchers to models and services from a number of providers globally. They're aiming to have 8000 models by the end of 2019.
2. Discover Platform – an open, free application that helps researchers find, compare and share data.
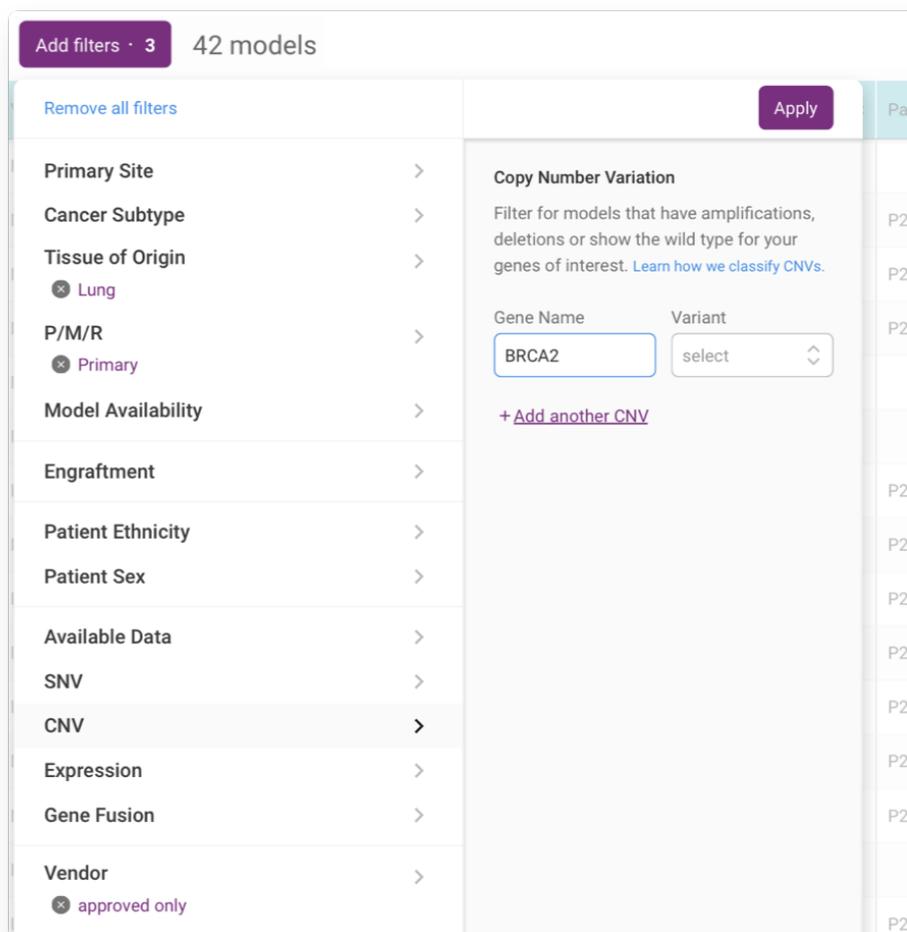
r cancer models

For CROs (Contract Research Organisations)

CROs can list model inventories for free, boosting exposure to multiple customers across various geographies and supporting existing marketing efforts.

CROs keep control of model data access and can manage who can see and access more detailed data through customisable sharing options.

Potential customers contact you – generating validated leads to support business development. Existing customers can access your model listings via a guest access service.

Additional services such as model sequencing, industry showcase access, and more, are also available. Aggregated analytics to help CROs respond to changing biopharma model requirements are in development.

The Cancer Models Platform

For Industry Researchers

A **Personal Shopper** service, free until January 2019, is available if you need more help with which model types are best for your research. More information below.

Cancer models from many sources / CROs are searchable in one place, helping you to find appropriate models for your studies. Researchers can compare standardised molecular features such as gene expression, track models, create collections and share with their team.

Live metadata is standardised and helps researchers compare models from different sources.

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Privacy is paramount: details of searches are not shared, only aggregated information on trends. A researcher's details are only shared with the CRO when they decide to ask for more information.

Users can join the Translational Oncology Network, a pre-competitive professional network which offers access to the Cancer Models Platform and Personal Shopper service, as well as events and a resource hub covering key topics in pre-clinical cancer research.

Find out more about Cancer Models Platform at the Repositive website >

Cancer Model Personal Shopper
Available for free until January 2019

The Personal Shopper service is a consultative service to assist industry researchers in finding an appropriate model, particularly if more in-depth discussions about requirements, or access to deep CRO insight on a specific model is required.

Repositive's team of Scientific Partners will discuss researcher requirements and aims in-depth during an initial telephone consultation. The partners then undertake confidential searches for suitable cancer models on behalf of the customer across our extensive network of CROs.

Researchers receive a shortlist of potential models / companies offering suitable services before deciding which to be introduced to. The Personal Shopper service supports faster validation of candidate molecules by reducing the time companies need to spend searching for these models.

The service is secure and confidential: all discussions are covered by a Non-Disclosure Agreement (NDA) and our Scientific Partners will confirm with you what information can be shared about your requirements before CROs are approached. Your identity and your company are only revealed once you choose to make an introduction to a CRO.

The process
- Fill in the online form to outline requirements
- Repositive arrange a teleconference to discuss requirements and timescales in more detail
- Repositive search their Cancer Models Platform and CRO network in confidence to match requirements and report back on suitable models and services
- Fully documented findings are provided once there is agreement to proceed

discover

Discover is a free application that currently contains over 1 million human genomic datasets from 52 data sources. Metadata and formatting are standardised.

Users can:

- annotate data
- add metadata to help others understand data quality and uses
- give feedback on data
- save datasets
- be notified of new updates and annotations

Registration is via a simple online form. Once registered, users can either register data on the platform or search for data for their own analyses.

Clicking the *Go to Dataset* button takes the user to the external webpage for that dataset.

Datasets are annotated with whether they are open access (free to download) or restricted access (requiring payment or access request to download).

The process of applying for access to restricted data varies depending on the data source. Usually there is an application form to submit to the data provider's Data Access Committee (DAC) to review the application before the data can be downloaded. Some restricted access datasets must be paid for rather than / as well as filling in an application form.

If users cannot find the data they require, they can make a request, which is visible and searchable on the platform, to help them find and initiate collaborations with data holders.

This platform is only for human datasets.

Find out more about the Discover Platform at the Repositive website >