Round-Up 2023: What's new in Selector (Reagents and model systems)

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A look back at some exciting features that we built in 2023 to empower scientists to design more successful experiments

We expanded our data coverage

Throughout 2023, we added over **8 million products** and **1.7 million publications** to the platform. We also added two new data sources:

Access thousands of new experiment insights from Sage Publications

Through our new partnership with Sage Publications, the world's fifth-largest journal publisher, we've increased our data coverage in areas such as musculoskeletal, cardiometabolic, and neuroscience research.

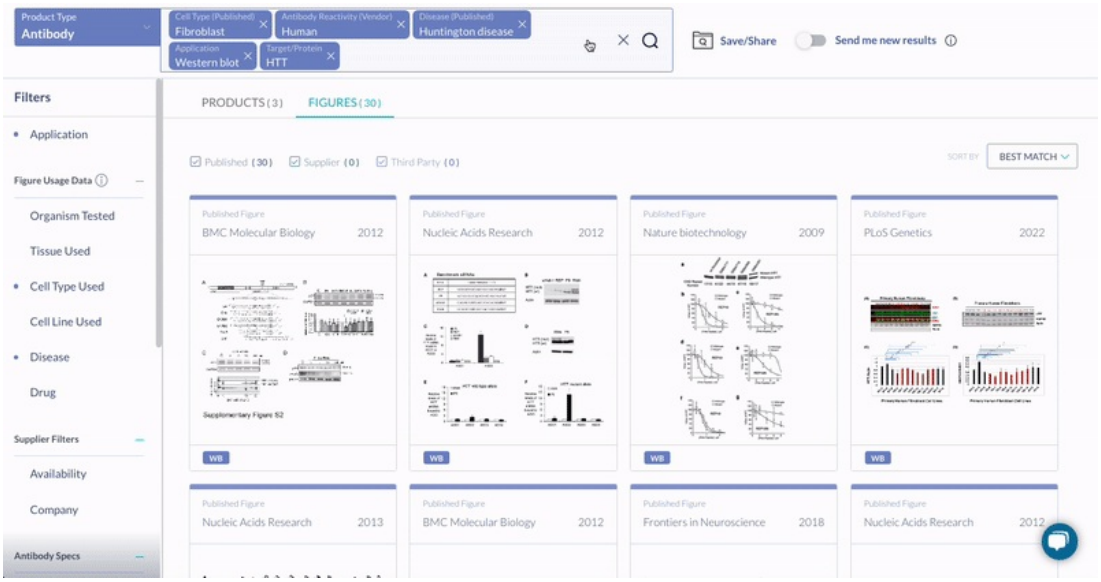
View the latest developments in health sciences research from medRxiv

Reviewing preprint data enables scientists to gain early visibility into cutting-edge research. Our preprint coverage now includes medRxiv and bioRxiv, for a total of 450,000 experiments linked to 100,000 figures. Learn more.

Take a deeper dive into these powerful updates

Get notified when there are new results for your search

You can now opt in to receive email alerts when new product and figure results matching your search criteria are added to our platform. This will help you stay informed about recent developments in your field. Learn more.



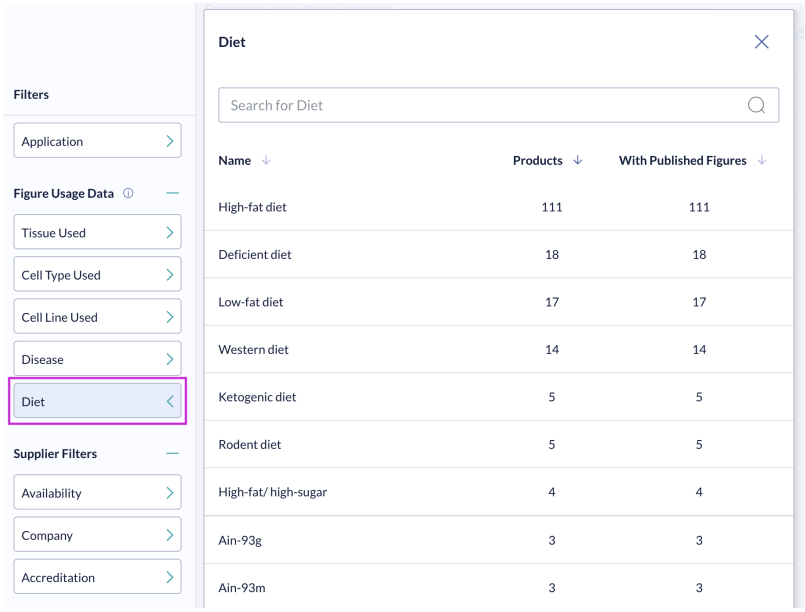
Cross-reactivity data is now available for over 1 million antibody products

Predicted cross-reactivity analysis is valuable for identifying target species that were not explicitly tested for by the vendor. Within select antibody product pages, view % sequence similarities between antibody epitopes and protein sequences across multiple species. Learn more.

Species	Published Figures	Vendor or Third Party Figures	Vendor Recommended	Predicted Reactivity ⓘ
Rabbit	1	1		Uniprot ID(P29294-3): 31% Uniprot ID(P29294): 30% Uniprot ID(O46651): 21%

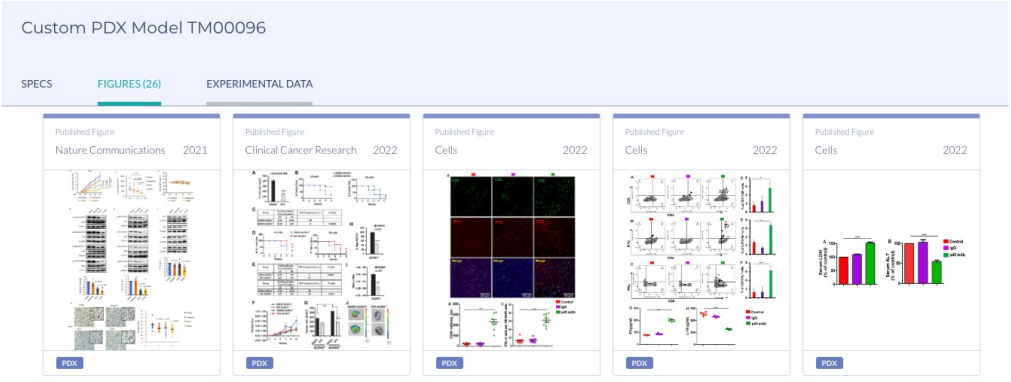
Find animal model data based on dietary conditions

The new **Diet** filter helps scientists find animal models of interest and supporting publication data based on dietary conditions. For example, if you were looking for an animal model to study obesity, you may want to find animal models fed a *high-fat diet*.



Improved visibility into custom-grafted animal models

Some vendors let scientists build a custom-ordered *xenograft* or *patient-derived xenograft* animal model to generate a model system that is directly applicable to their research. Each potential option for these custom-ordered models is now reflected in our platform, along with associated publication-derived data. Learn more.



Surface more data for microbial research

Leverage the new *Microbial Detection* option in the **Application** filter to narrow your search for antibody and PCR products that target microbial proteins. We also added more catalog data from vendors like *Meso Scale Discovery* and *Sino Biological* to provide scientists researching microbial targets with more relevant product and figure data.

We expanded our cell line library

Scientists can surface product and figure results relevant to cell lines from our library built from both vendor catalogs and third-party databases. This year, we added 26,000 new cell lines from databases like the *European Collection of Authenticated Cell Cultures (ECACC)* and *Library of Integrated Network-Based Cellular Signatures (LINCS)*.

Search by aliases for gene expression data

Genes and proteins can be referred to in many different ways, which is why our platform is backed by a proprietary bioinformatics database that links these aliases. We updated the **Gene Expression** filter for cell products and animal models to leverage this data, so it now supports searching for a gene by multiple common names.

Please note that access to these features and enhancements depends on which reagents and model systems are available at your organization.