

### PROTEOME™ Overview

The powerful ontology search query system, with specialized tools for gene set analysis and pathway visualization, allows scientists working with mammalian, yeast, worm and plant species to quickly find answers to questions relevant to their research. A specialized custom sequence annotation tool allows scientists working with other species to extend predictive functions to newly sequenced or otherwise uncharacterized genomes.

### PROTEOME Advantages & Benefits

- Quickly access detailed reports for individual genes, diseases, and drugs
- Uncover biologically relevant connections between seemingly disparate genes, diseases and drugs
- Map functional attributes to uploaded gene sets, filtering genes by desired criteria
- Identify and rank potential therapeutic targets
- Explore canonical pathways and build custom protein networks
- Assign predictive functions to novel protein sequences



### Key Features

- 275,000+ gene reports
- 2,200+ disease reports
- 6,800+ drug reports
- Searchable access to over 980,000 functional assignments
- Pathway visualization tool
- Custom sequence annotation tool

**BIOBASE**  
BIOLOGICAL DATABASES