



# PhenoFinder



SOLUTIONS  
FOR YOUR SCIENCE  
**BIOBSERVE**

## Multidimensional Data Mining

The aim of the *PhenoFinder* software is to break-through the data analysis bottleneck.

With *PhenoFinder* you have a powerful tool to analyze large numbers of experiments, organize your complete workflow and create meaningful self defined reports.

*PhenoFinder* is the first tool that lets you search for group definitions within your data by drag and drop. There is no need to use external statistical applications or to define your own data analysis procedures anymore.

With *PhenoFinder* you can compare groups of animals regarding all data, you have acquired in your experiments. Phenotyping takes just one mouse click.

*PhenoFinder* has the ability to search for groups of animals in large amounts of data. This function can be used for blind testing or for searching phenotypes in new knock out mice.

A powerful report generator gives you the opportunity to print out the results of your phenotyping with a design you have determined by yourself.

*PhenoFinder* has an integrated experiment planner for setting up all future experiments. With drag & drop and copy & paste you can apply a complete project structure with all necessary experiments to a new genotype and - you can remote control the *Viewer* tracking software to execute these experiments lists. You can store templates of complete behavioral phenotyping processes for reusing them.

Phenotyping can be integrated in your existing database tools to read in animal descriptions and to store the results of the experiments.

### Key features:

- Experiment Management
- Data Management
- Group Analysis
- Cross Experiment Analysis
- Cross Methods Analysis
- Correlation Calculation
- Auto Correlation Search
- Auto Group Detection
- Multidimensional Data Analysis
- Analysis Templates
- Behavioral Profiling
- Powerful Graphing Tools
- Extended Time Series Analysis
- Experiment Planning and Control
- Customizable Report Generator

