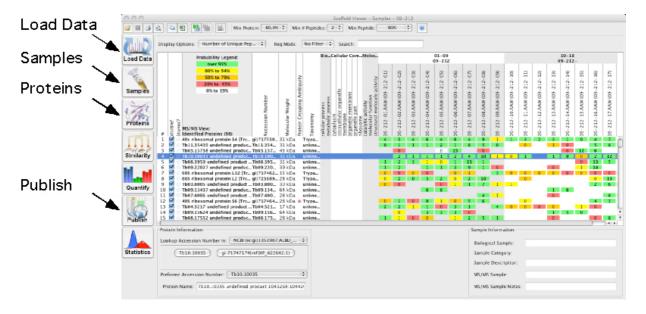# Download the Free Scaffold Viewer

You can download and use the Scaffold Viewer for free.
- Download Scaffold from www.proteomesoftware.com.
- To install, click on the downloaded file (install_Scaffold.exe).
- Start Scaffold.
- During startup, you will be asked to enter a license key. At this point choose the "Free Scaffold Viewer" button.
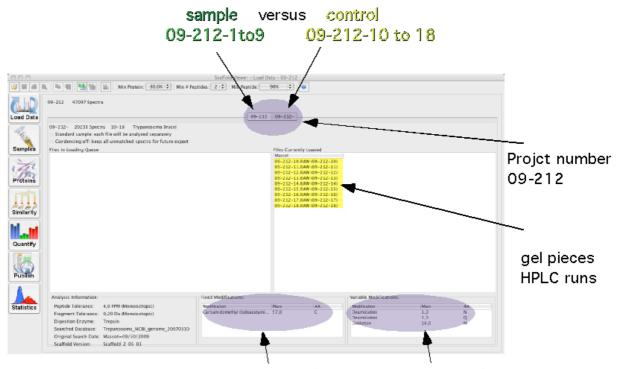
Scaffold Viewer

The main layers of the software are accessible via the buttons at the left: Load data, Samples and so on..

In the figure below, the samples view is shown:

Load Data

All data files included in the Scaffold analysis are shown. Importantly: Only such modifications can be observed which are included in the database search
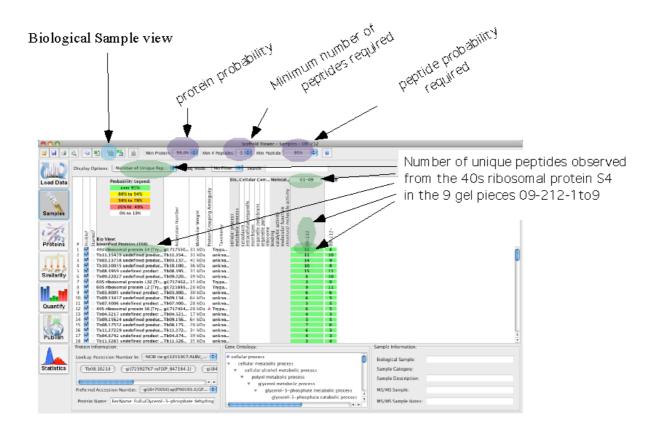

sample versus control
09-212-1to9   09-212-10 to 18

Projct number
09-212

gel pieces
HPLC runs

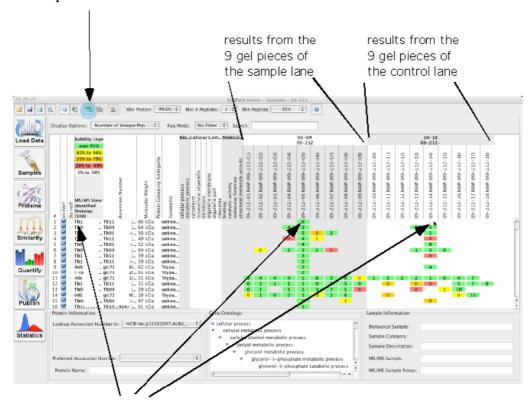Amino acid modifications included in the data base search

Samples

This view provides an overview of the proteins identified in Scaffold's analysis.

Use the following standard parameters if you are not an expert:
Protein probability: 99 %
Number of peptides: 2
Peptide probability: 95 %

Biological Sample view

protein probability

Minimum number of peptides required

peptide probability required

Number of unique peptides observed from the 40s ribosomal protein S4 in the 9 gel pieces 09-212-1to9

MSSample view

results from the
9 gel pieces of
the sample lane

results from the
9 gel pieces of
the control lane
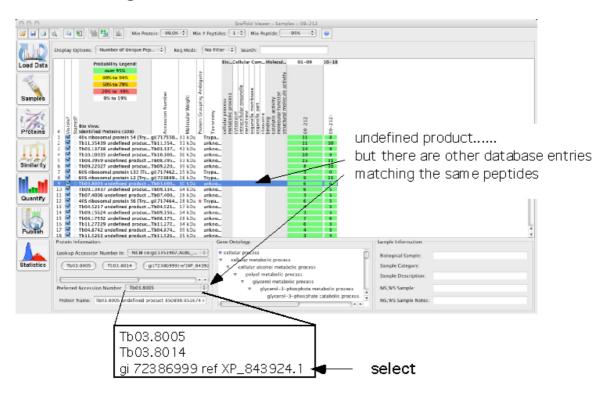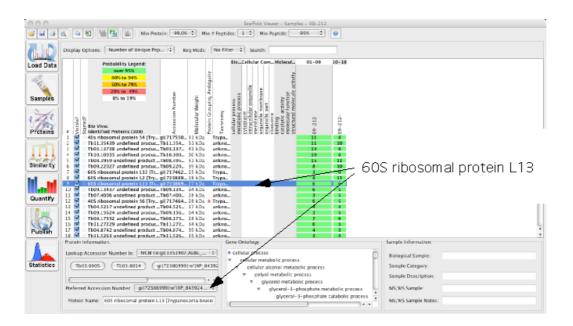

This protein is detected (6 unique peptides) in the 5th gel piece of the sample lane, but not in the corresponding gel piece of the control lane.

Select meaningful names

undefined product......
but there are other database entries
matching the same peptides

Tb03.8005
Tb03.8014
gi 72386999 ref XP_843924.1 ← select

60S ribosomal protein L13

Proteins

Select a protein from the samples view by double click or from the list in the protein view

each column can be sorted by
clicking in the column header which is
especially useful if sorting
for modifications like phosphorylation

The 40S ribosomal protein S4 is found in several gel pieces in
the sample lane and in the control lane

In sample 09-212-03 S4 is
detected by 6 peptides

The amino acid sequence of S4
is shown. Detected peptides
are highlighted with color
coded probabilities.

fragment spectra and fragmentation table
of selected peptides are shown

Proteins matching the same set
of identified peptides.