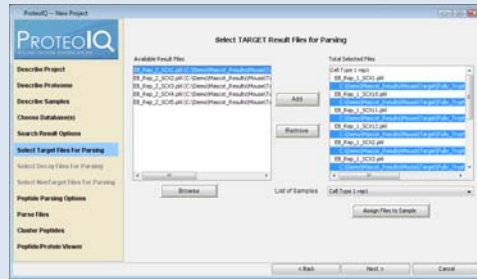


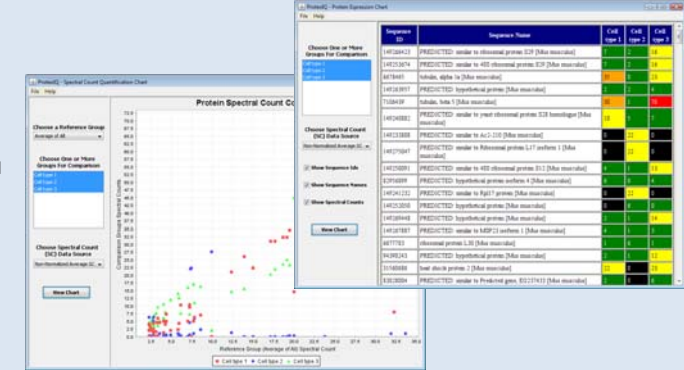
Customized File Grouping

Customize how results are organized to fit your needs. PROTEOIQ is the only software that supports two levels of file grouping: you can group Mascot® or SEQUEST® results into biological groups and assign results within groups as replicates. PROTEOIQ automatically compares and quantifies protein expression across all biological groups and performs error estimations between replicate analyses.



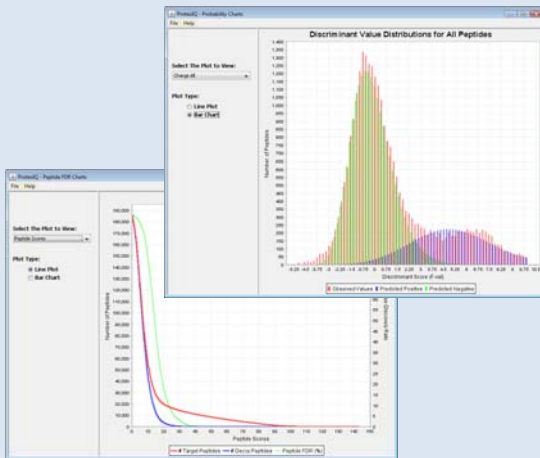
Label Free Quantification

Find differences in protein expression between samples with PROTEOIQ. PROTEOIQ uses spectral counting to quantify protein expression. Relative expression values between biological groups and standard deviations across replicates are automatically calculated and reported. With flexible normalization functions and error reporting, your data has never been more accurate. Analyze protein expression between samples using advanced graphical displays such as scatter plots and heat maps.



Statistical Validation

The only software featuring two methods for statistical validation. Accurately validate protein identifications using False Discovery Rates and Probabilities. Interactive graphics help you decide how to best filter your results in order to maximize the number of protein identifications, while maintaining an acceptable error rate.



Protein Group	Gene ID	Gene Name	Col 1 Exp.	Col 2 Exp.	Col 3 Exp.	Col 4 Exp.	Col 5 Exp.	Col 6 Exp.
Protein 1	123456	Gene Name 1	1.2	1.5	1.8	2.1	2.4	2.7
Protein 2	234567	Gene Name 2	0.8	1.1	1.4	1.7	2.0	2.3

Comparative Proteomics

With PROTEOIQ's comparison functions, you can find differences and similarities faster than ever before. Use the Intersection function to capture which proteins are common between cell types, or you can select multiple samples and use the Difference function to display the proteins unique to each sample. The Union function lets you merge protein sets.

Protein Name	Observed	Missing	Score
Protein 1	10	5	1.2
Protein 2	8	3	0.9

Enhanced Proteome Visualization

Viewing the results of your proteome analysis has never been easier. PROTEOIQ allows you to quickly switch between peptide and protein views, access protein sequence information, and compare results across biological groups. With PROTEOIQ, sifting through endless spreadsheets is a thing of the past.

Collaborate and Share

PROTEOIQ will change the way you work with customers and collaborators. With multiple export features and a Free PROTEOIQ Viewer, your customers and collaborators will finally have full access to their results. Export results as text, fasta format or html for creating dynamic web pages. The Free PROTEOIQ Viewer allows you to share results without the need for huge, cumbersome spreadsheets.

Group	Probability Score	Spectral Count	Average SC	Std. Deviation	% Std. Deviation	Sample Normalized SC	Protein Normalized SC	Relative Expression	Norm Peptide	Sequence Coverage
Group 1	1.740	142	142	19.137	13.44%	142	142	1.000	1	100%
Group 2	1.716	142	142	19.137	13.44%	142	142	1.000	1	100%