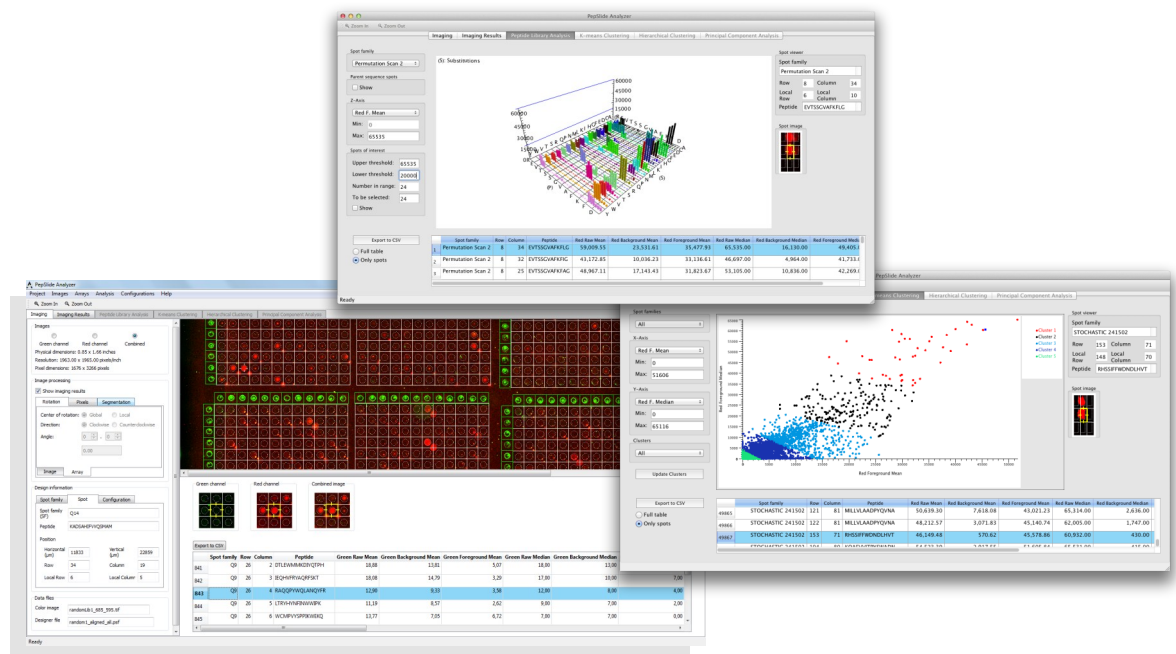


PepSlide® Analyzer

PepSlide® Analyzer is the microarray data analysis software that offers **quantification of microarray data** as well as **data mining tools**. These functions are applicable to different types of microarrays, including peptide-, antibody-, and protein microarrays.

The software's distinguishing feature is the support of **analysis specific to peptide array applications** such as epitope mapping, discovery of serum biomarker, epitope characterization, and peptide optimization.



PepSlide® Analyzer runs on both Windows and Mac OS X with native look and high-performance.

The **free evaluation package** includes 30-day use of the software with full functionality and support.

Use perpetual licenses with 3 year of free upgrades & support or termed licenses for cost-effective purpose.

Learn more about PepSlide® Analyzer and download the software for evaluation at www.sicasys.de/pepslide.

SICASYS Software GmbH

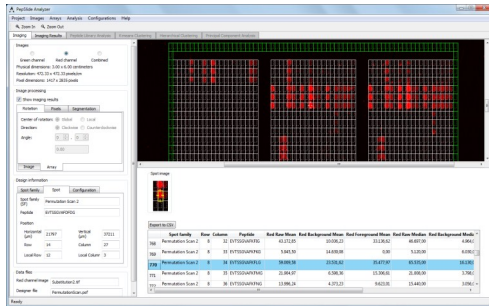
Im Neuenheimer Feld 583
D-69120 Heidelberg
Germany

Tel : +49 (62 21) 7 28 50 40
Fax: +49 (62 21) 7 28 48 94
Web: www.sicasys.de
Email: info@sicasys.de



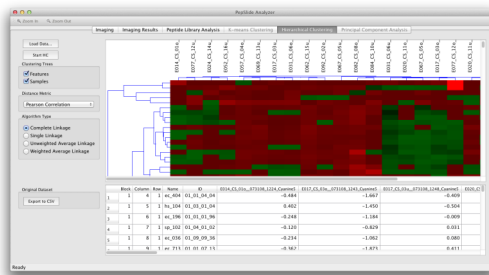
PepSlide® Analyzer

Image Analysis & Quantification of Microarray Data



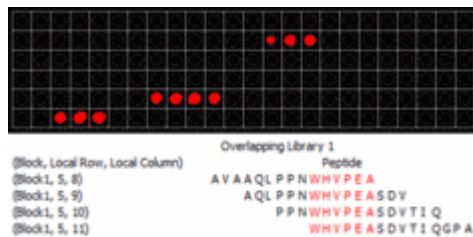
- Intuitive & easy-to-use
- Support GAL and PSF formats
- Provide a comprehensive set of image & array rotation tools
- Background correction: Automatic with local methods or manual with background controls

Data Mining Tools



- **K-Means Clustering:** Group data with similarity into clusters
- **Principal Component Analysis:** Find influential factors of the study
- **Hierarchical Clustering:** Identify possible relation between features and/or samples

Advanced Analysis



- **Epitope Mapping:** Find peptides with strong signal and suggest epitopes
- **Epitope Characterization & Peptide Optimization:** Examine all variants of a peptide
- **Discovery of Serum Biomarker:** Select peptides with strong signals and employ data mining tools to reveal meaningful information

