

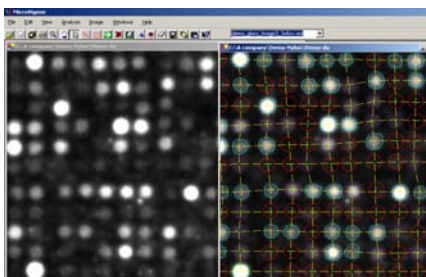
Image Analysis Innovation

MicroVigene™

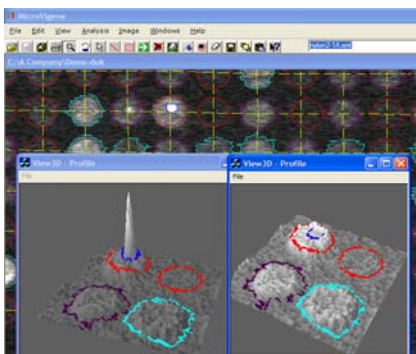
Microarray image analysis software that provides accuracy, sensitivity, reliable results, unprecedented level of automation and high performance.

Quality

- 100% reproducible and operator independent results
- Actual spot boundary definition to obtain accurate spot signal
- Automatic dust removal with back fill
- Regional background subtraction to obtain highest sensitivity
- Blooming correction
- 3D visualization for convenient quality assurance



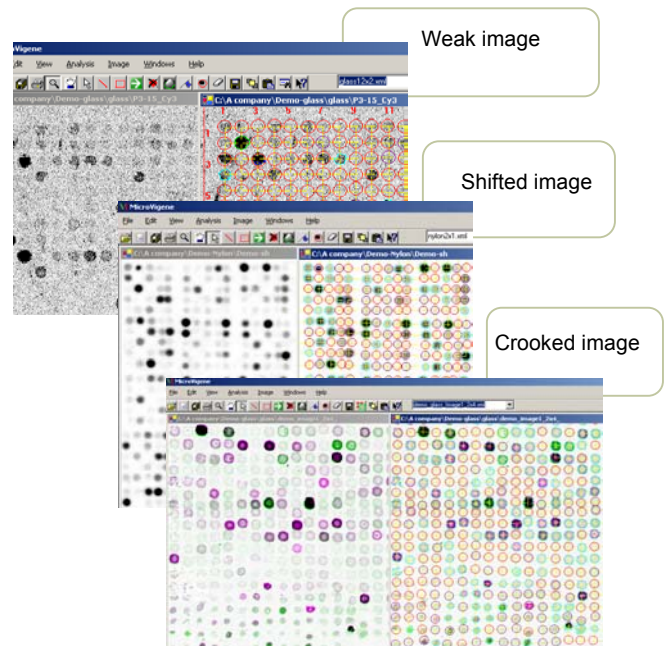
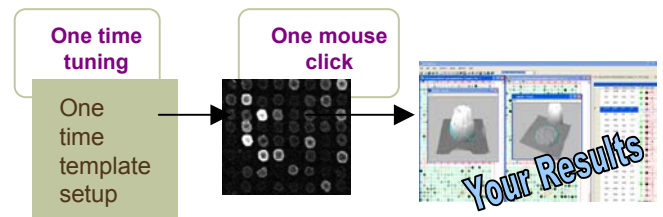
Accurate spot boundary and flex grid



Dust detection and removal with back fill

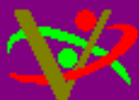
Performance

- One mouse click operation for any combination of images
- Automatically find image block, place flex grid, and quantify spots
- Robust analysis of shifted, crooked, noisy and weak images
- Hands free batch process
- 10000 spots in less than one minute
- Automatic rotating and flipping



Flexibility and Extensibility

- Support any image layout up to three levels of hierarchies: mixed orientation of blocks, any type of grid layout, and various sizes of spots or sub grids
- Manual operations include: use anchor points, find dust, adjust spot location and grid line, define image block, and flag spot
- Object-oriented design allows maximum flexibility
- Open system architecture supports custom plug-ins
- Seamless integration with post image analysis system



Microarray Image Analysis Software and Services

Microarray Image Analysis 24-Hour Online Service

VigeneTech is proud to announce a high quality, fast, reliable and affordable microarray image analysis service. Submit your images and get your data back online.

Data quality is guaranteed

100% correct grid alignment
Accurate spot quantification is insured

Turnaround time is guaranteed

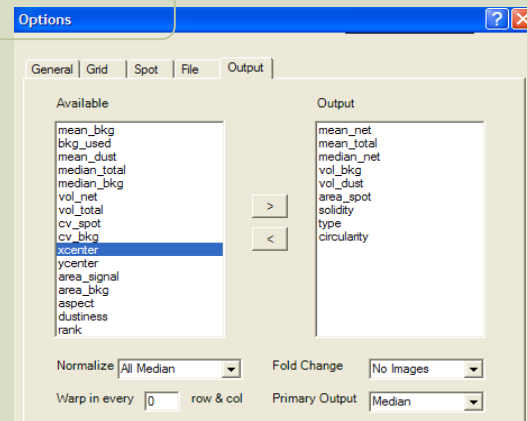
Your image analysis data will be ready for you to download in 24 hours.

Data privacy is guaranteed

Your image and data will never be viewed or passed to any third parties

Your complete satisfaction is guaranteed!

Example of output choices

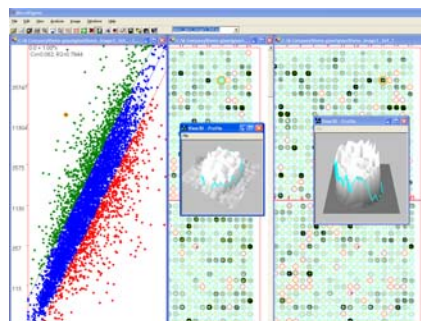
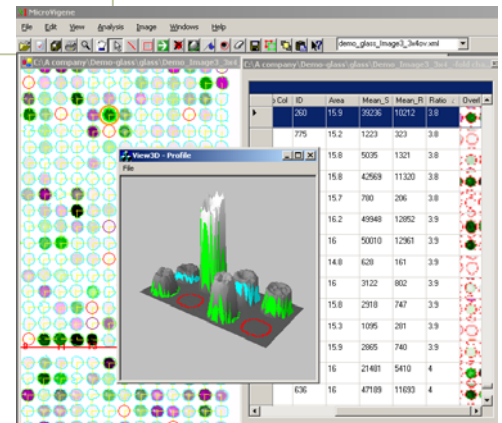


MicroVigene features continue...

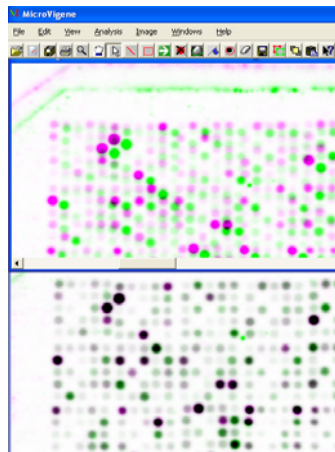
Fold changes

Output Features

- 24 output choices of spots quantification and qualification data in text, xml, excel or custom format
- Two images overlay with warping and registration
- Scattered correlation plot associated with 2D image and 3D spot profile
- Generate fold change in linear, log, and log ratio format with composite and original spots images
- Output can be sorted in any order
- Global and control point normalization



Scattered correlation plot



Overlay with warping and registration

Call Today!
For a free on-site demo
or an evaluation copy of
MicroVigene™



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