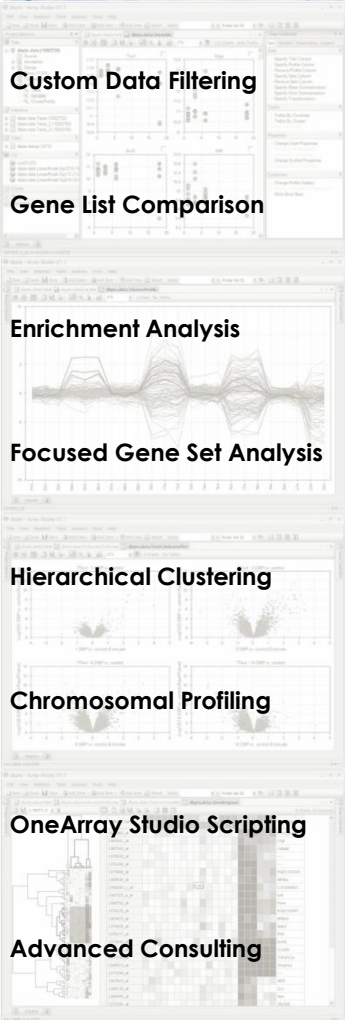




Phalanx Biotech Analysis Consulting

Custom Data Filtering



•Basic Analysis:

–Background subtracted data

1. Filter data by:

- Signal-to-noise threshold
- Above local background
- good morphology spots*

2. Normalize filtered data

3. Log2 transform

4. Quality control

5. Perform hypothesis testing & calculate fold changes

•Custom Data Filtering:

–No background subtraction

1. Quantile normalize entire dataset

2. Log2 transform

3. Quality control

4. Perform hypothesis testing & calculate fold changes

5. Filter data by:

- Signal-to-noise threshold
- good morphology spots

Customer receives filtered list containing fold changes and P-values of pass-filter probes

Customer Receives:

1. Fold changes / P-values for all probes
2. Additional filtered list containing only the pass-filter probes