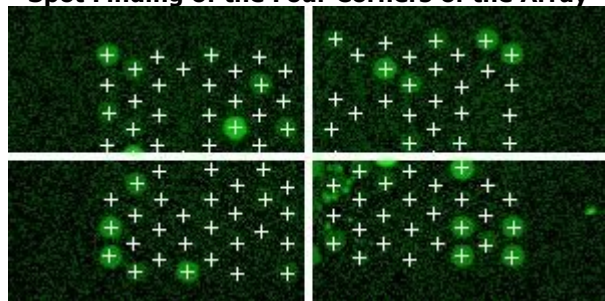


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Wednesday, April 16, 2008 - 18:03	Grid	US22502705_251911810667_S01_H_grid (from grid_file)
Image	US22502705_251911810667_S01_H [1_4]	BG Method	No Background
Protocol	miRNA-v1_95_May07 (Read Only)	Background Detrend	On(FeatNCRRange, LoPass)
User Name	pdandrad	Multiplicative Detrend	False
FE Version	9.5.3.1	Additive Error	2
		Saturation Value	1149824

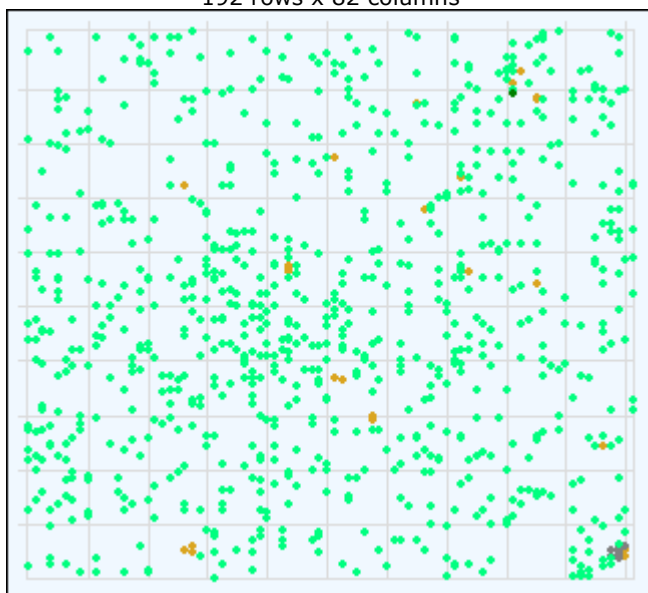
Spot Finding of the Four Corners of the Array**Evaluate Grid**

Feature	Local Background
Non Uniform	1
Population	800

Non Uniform	1	35
Population	800	9

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 1(0.01%)

Feature Population Outliers = 800(5.82%)

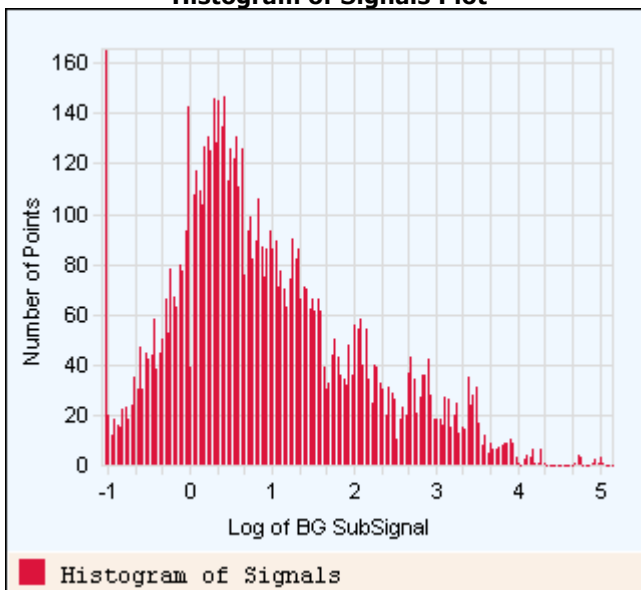
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

Net Signal Statistics**Non-Control probes:**

# Saturated Features	0
99% of Sig. Distrib.	2901
50% of Sig. Distrib.	17
1% of Sig. Distrib.	12

Negative Control Stats

Average Net Signals	17.15
StdDev Net Signals	1.98
Average BG Sub Signal	0.65
StdDev BG Sub Signal	1.90

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 4908 (Green)

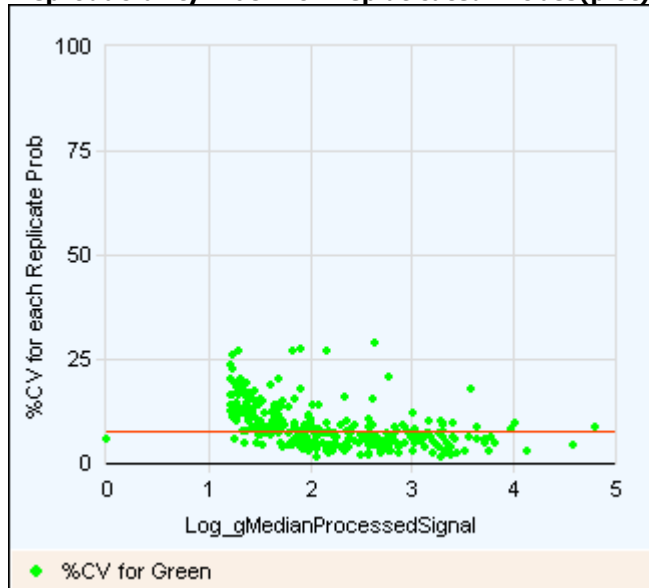
Foreground Surface Fit

RMS_Fit	0.99
RMS_Resid	1.62
Avg_Fit	52.53

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

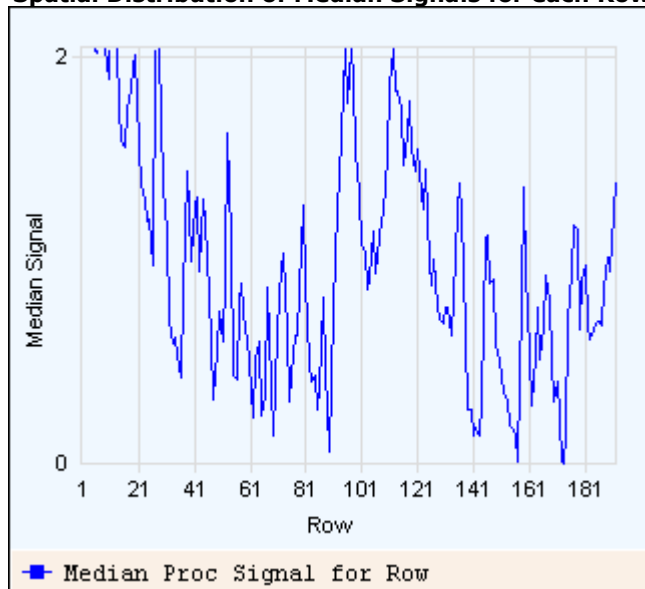
BGSubSignal	7.49
ProcessedSignal	7.49

Reproducibility: %CV for Replated Probes(plot)**Evaluation Metrics for miRNA_QCM_Apr07**

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	1.62	NA	NA	False
AnyColorPrcntFeatPopnOL	5.82	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	7.49	NA	NA	False
gTotalSignal75pctile	8.74	NA	NA	False

◆ In Normal Range ◆ Evaluate

Spatial Distribution of Median Signals for each Row**Spatial Distribution of Median Signals for each Column**