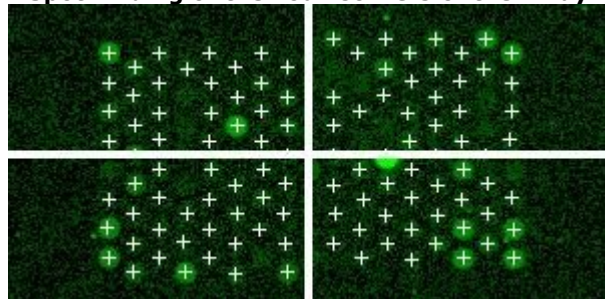


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Wednesday, April 16, 2008 - 17:50	Grid	US22502705_251911810635_S01_H_grid (from grid_file)
Image	US22502705_251911810635_S01_H [2_2]	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	4
		Saturation Value	1154412

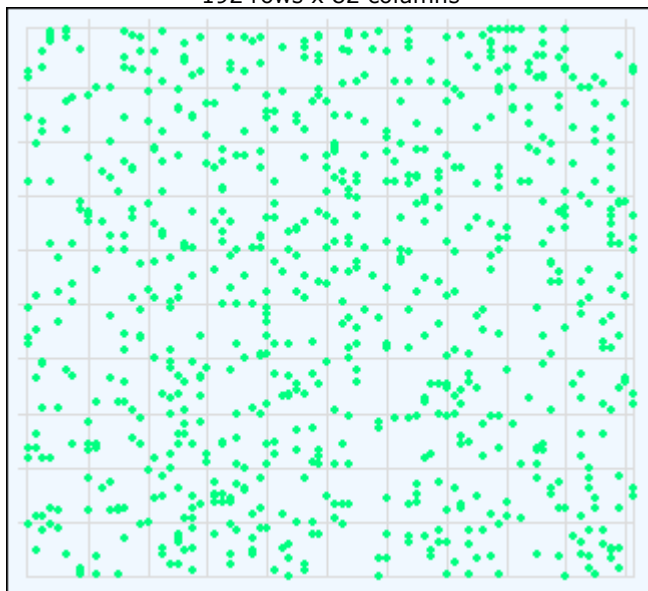
Spot Finding of the Four Corners of the Array**Grid Normal**

Feature	Local Background
---------	------------------

Non Uniform	0	0
Population	761	0

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 0(0.00%)

Feature Population Outliers = 761(5.54%)

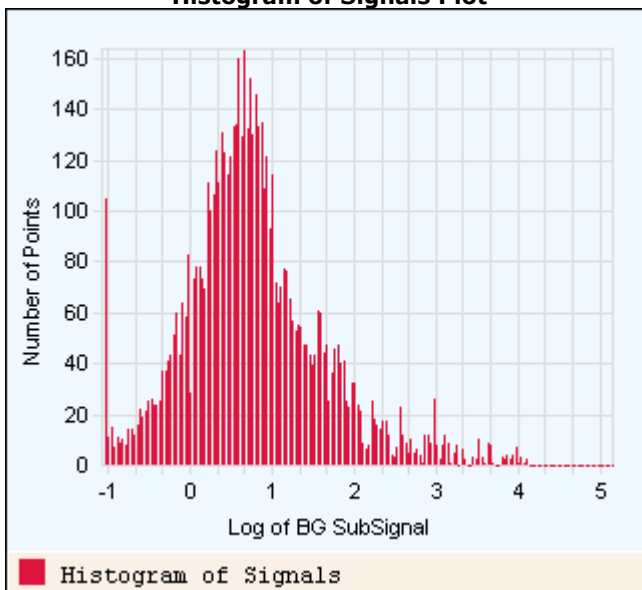
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	787
50% of Sig. Distrib.	23
1% of Sig. Distrib.	16

Negative Control Stats

Average Net Signals	29.02
StdDev Net Signals	3.40
Average BG Sub Signal	5.45
StdDev BG Sub Signal	3.36

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 6542 (Green)

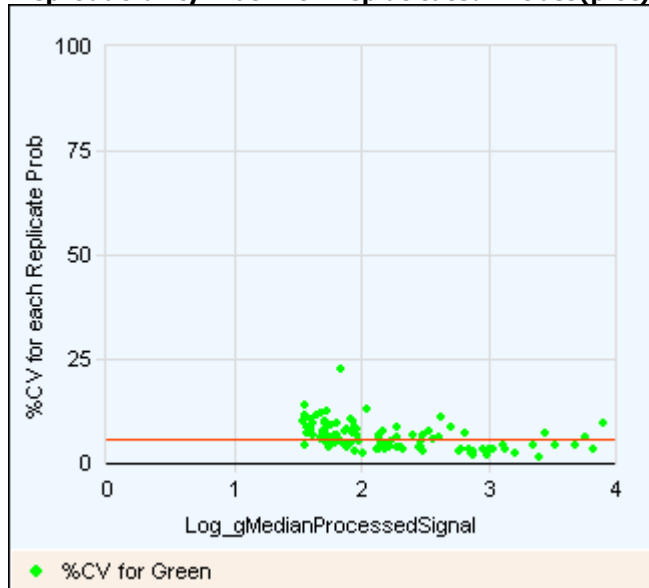
Foreground Surface Fit

RMS_Fit	1.17
RMS_Resid	3.54
Avg_Fit	60.15

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

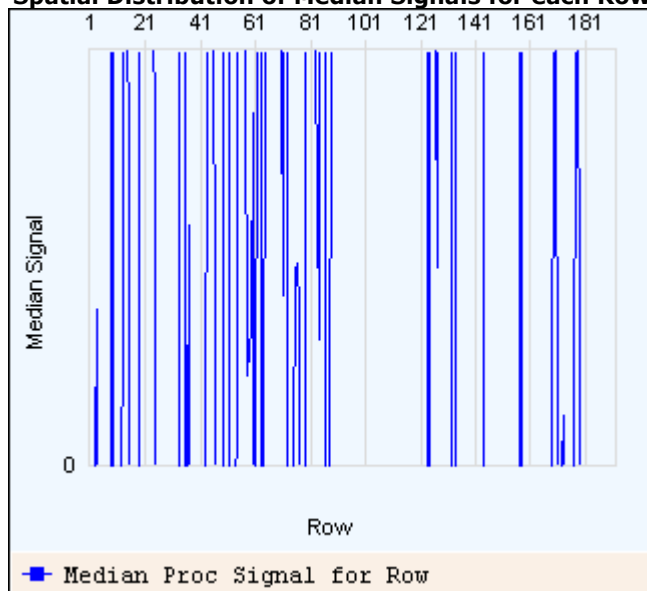
BGSubSignal	5.83
ProcessedSignal	5.83

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	3.54	NA	NA	False
AnyColorPrctFeatPopnOL	5.54	NA	NA	False
gNonCtrlMedPrctCVBGSubS...	5.83	NA	NA	False
gTotalSignal75pctile	4.59	NA	NA	False

◆ In Normal Range ◆ Evaluate

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