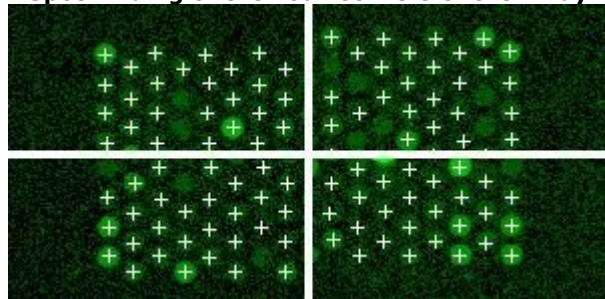


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Wednesday, April 16, 2008 - 17:52	Grid	US22502705_251911810636_S01_H_grid (from grid_file)
Image	US22502705_251911810636_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	7
		Saturation Value	1150140

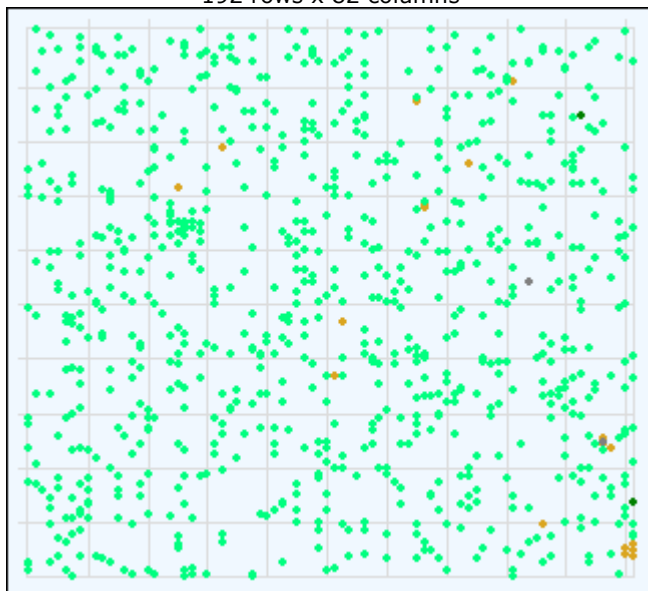
Spot Finding of the Four Corners of the Array**Grid Normal**

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

Non Uniform	2	20
Population	813	2

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 2(0.01%)

Feature Population Outliers = 813(5.92%)

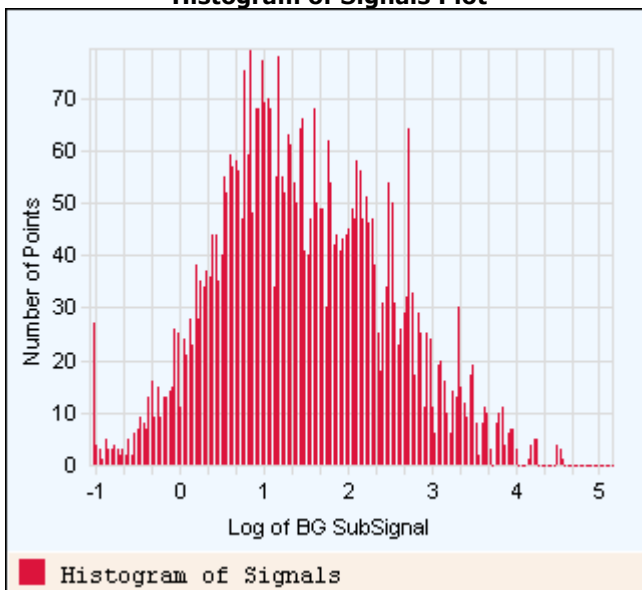
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	2386
50% of Sig. Distrib.	28
1% of Sig. Distrib.	18

Negative Control Stats

Average Net Signals	41.21
StdDev Net Signals	4.96
Average BG Sub Signal	8.29
StdDev BG Sub Signal	5.11

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 8229 (Green)

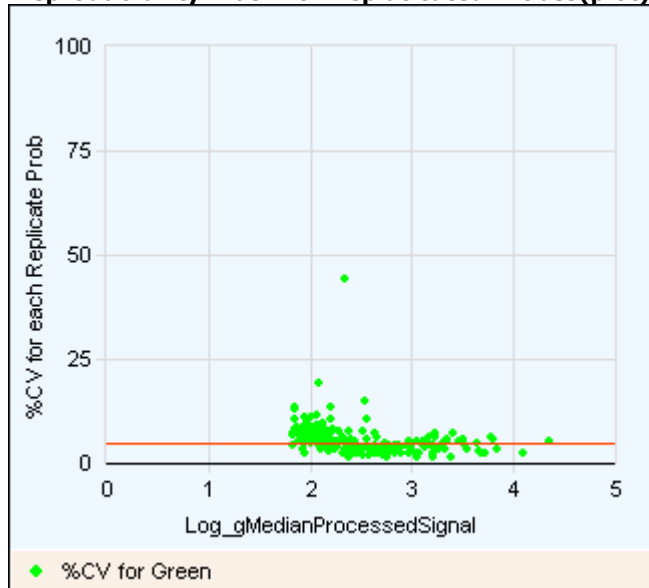
Foreground Surface Fit

RMS_Fit	1.75
RMS_Resid	6.50
Avg_Fit	68.92

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

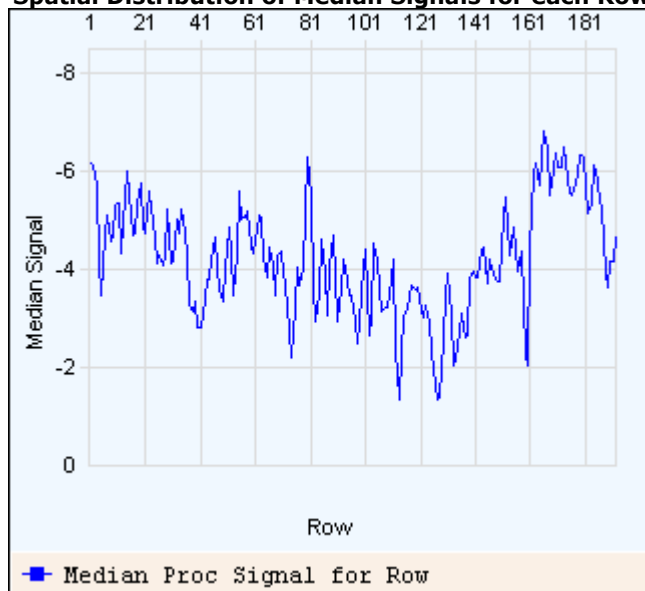
BGSubSignal	4.65
ProcessedSignal	4.65

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	6.50	NA	NA	False
AnyColorPrctFeatPopnOL	5.92	NA	NA	False
gNonCtrlMedPrctCVBGSubS...	4.65	NA	NA	False
gTotalSignal75pctile	8.85	NA	NA	False

◆ In Normal Range ◆ Evaluate

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